

Всички цитати

- **Звено:** (ИАНАО) Институт по астрономия с Национална астрономическа обсерватория
- **Година:** 2019 ÷ 2019
- **Тип записи:** Записи, които влизат в отчета на звеното

Брой цитирани публикации: 318

Брой цитиращи източници: 778

Коригиран брой: 655.692

1987

1. Tsvetkov, M. K., Georgiev, Ts. B., Bilkina, B. P., Tsvetkova, A. G., **Semkov, E. H.**. The Photometric UBRV System of the 50/70 cm Schmidt Telescope of the National Astronomical Observatory Rozhen. Comptes rendus de l'Academie Bulgar des Sciences, 40, 1987, ISSN:1310-1331, 9-12. JCR-IF (Web of Science):0.233

Цитира се в:

1. Mihov, B., Slavcheva-Mihova, L., A Study of the High-Luminosity Quasar HS 1946+7658, 2019, AIP Conference Proceedings, 2075, 090020, @2019 [Линк](#) 1.000

1990

2. Dolgov, A. D., **Kirilova, D. P.**. On Particle Creation By A Time Dependent Scalar Field. Soviet Journal of Nuclear Physics, 51, 1, 1990, 172-177. ISI IF:0.6

Цитира се в:

2. Daniel J.H. Chung, Edward W. Kolb, Andrew J. Long. , Gravitational production of super-Hubble-mass particles: an analytic approach, Journal of High Energy Physics 1, 2019, @2019 1.000
3. T Matsuda, S Enomoto, Baryogenesis from the Berry phase, Physical Review D, 99, 036005, 2019, @2019 1.000
4. Shailee Varsha Imrith, Novel techniques for calculating inflationary observables, PhD Thesis, School of Physics and Astronomy Queen Mary University of London, 2019, @2019 1.000
5. Eemeli Tomberg Cosmology with Higgs inflation, PhD U. Helsinki (2019), (2019-10-18), HDL: 10138/305494 HIP-2019-02, @2019 1.000
6. JM van de Vis , Higgs dynamics in the early universe, ISBN 978-90-8593-406-6, PhD thesis, Leiden University, - 2019, @2019 1.000
7. K Nakayama, A Note on Gravitational Particle Production in Supergravity, arXiv:1905.09143, 2019 Phys.Lett. B797 (2019) 134857, @2019 1.000
8. James Cline, TASI Lectures on Early Universe Cosmology: Inflation, Baryogenesis and Dark Matter, 2019 Conference: Theoretical Advanced Study Institute Summer School 2018 "Theory in an Era of Data" DOI: 10.22323/1.333.0001, @2019 1.000
9. Y Ema, K Nakayama, Y Tang, Production of Purely Gravitational Dark Matter: The Case of Fermion and Vector Boson , 2019, Journal of High Energy Physics 2019(7)060 JHEP 1907 (2019) 060, @2019 1.000
10. Daniel J.H. Chung, Edward W. Kolb, Andrew J. Long. , Gravitational production of super-Hubble-mass particles: an analytic approach, Journal of High Energy Physics 2019(1), DOI: 10.1007/JHEP01(2019)189, @2019 1.000
11. R Dhayal, M Rathore, KK Venkataratnam , Quantum fluctuations and particle production in the oscillatory phase of a thermal inflaton in a FRW universe, Modern Physics Letters A, 2019, @2019 1.000
12. T Matsuda, S Enomoto , Baryogenesis from the Berry phase, Physical Review D, 99, 036005 (2019), @2019 1.000
13. EA Reis, G Krein, TP Netto, IL Shapiro, Stochastic quantization of a self-interacting nonminimal scalar field in semiclassical gravity, Physics Letters B Volume 798, 10 November 2019, 134925 DOI: 10.1016/j.physletb.2019.134925, @2019 1.000
14. Daisuke Hagihara, Koichi Hamaguchi, Kazunori Nakayama , Moduli Oscillation Induced by Reheating, JCAP 1903 (2019) 024, @2019 1.000
15. A Mazumdar, G White , Cosmic phase transitions: their applications and experimental signatures, Reports on Progress in Physics, 2019 Volume 82, Number 7, @2019 1.000
16. KD Lozanov, MA Amin Gravitational perturbations from oscillons and transients after inflation, 2019 Phys.Rev. D99 (2019) no.12, 123504, @2019 1.000
17. Javier Rubio and Eemeli S. Tomberg, Preheating in Palatini Higgs inflation, 2019, JCAP 1904 (2019) 021, @2019 1.000

18. H Fukunaga, N Kitajima, Y Urakawa , Efficient self-resonance instability from axions, , 2019 JCAP 1906 (2019) 055, @2019 1.000
19. Shinsuke Kawai, Jinsu Kim, Gauss–Bonnet Chern–Simons gravitational wave leptogenesis, Phys.Lett. B789 (2019) 145-149 1.000
DOI: 10.1016/j.physletb.2018.12.019, @2019
20. Jeff A. Dror, Keisuke Harigaya, Vijay Narayan , Parametric Resonance Production of Ultralight Vector Dark Matter , 1.000
Phys.Rev. D99 (2019) no.3, 035036, DOI: 10.1103/PhysRevD.99.035036, @2019

1992

3. Jockers, K., **Bonev, T.**, Ivanova, V., Rauer, H.. First images of a possible CO(+)-tail of Comet P/Schwassmann-Wachmann 1 observed against the dust coma background. Astronomy and Astrophysics, 260, 1992, ISSN:0004-6361, 455. ISI IF:1.82

Lumupa ce e:

21. Ivanova, Oleksandra; Agapitov, Oleksiy; Odstroil, Dusan; Korsun, Pavlo; Afanasiev, Viktor; Rosenbush, Vera."Dynamics of the CO+ coma of comet 29P/Schwassmann-Wachmann 1".Monthly Notices of the Royal Astronomical Society, Volume 486, Issue 4, p.5614-5620., @2019 1.000

1993

4. **Iliev, I. Kh., Barzova, I.** Hydrogen-line profiles of six lambda Bootis stars. Astrophysics and Space Science, 208, Springer, 1993, ISSN:0004-640X, DOI:10.1007/BF00657942, 277-284. ISI IF:2.263

Lumupa ce e:

22. Cheng, Kwang-Ping; Tarbell, Erik S.; Giacinto, Anthony J.; Neff, James E.; Romo, Christopher A.; Gray, Richard O.; Corbally, Christopher J.; Johnson, Dustin M. Validating the C I 5052.17 Å/Mg II 4481 Å Equivalent Width Ratio as a Diagnostic for F-type Lambda Boo Stars, 2019, AJ, 157, 7C, @2019 [Линк](#) 1.000

5. Myasnikov, A. V., **Zhekov, S. A.** Modelling of X-ray emission from WR + O binary systems. Monthly Notices of the Royal Astronomical Society, 260, 1993, 221. ISI IF:5.107

Lumupa ce e:

23. Midooka, Takuya; Sugawara, Yasuharu; Ebisawa, Ken, "Long-term X-ray variation of the colliding-wind Wolf-Rayet binary WR 125", Monthly Notices of the Royal Astronomical Society, Volume 484, Issue 2, p.2229-2233, @2019 [Линк](#) 1.000

1995

6. **Zamanov, R.** An ejector-propeller model for LSI+61303. MNRAS, 272, Oxford, 1995, ISSN:Print ISSN 0035-8711, 308-311. ISI IF:5

Lumupa ce e:

24. Kieda, D., VERITAS Collaboration: 2019, ICRS 36, 713 - Characterizing the VHE emission of LS I +61 303 using VERITAS observations, @2019 1.000

1996

7. **Zhekov, S.A.**, Perinotto, M.. Modelling the X-ray, EUV and infrared coronal-line emission from PNe.. Astronomy and Astrophysics, 309, 1996, 648. ISI IF:5.185

Lumupa ce e:

25. Miller, Timothy R.; Henry, Richard B. C.; Balick, Bruce; Kwitter, Karen B.; Dufour, Reginald J.; Shaw, Richard A.; Corradi, Romano L. M., "Co-spatial UV-optical HST/STIS spectra of six planetary nebulae: nebular and stellar properties", Monthly Notices of the Royal Astronomical Society, Volume 482, Issue 1, p.278-292, @2019 [Линк](#) 1.000

8. Magnusson, P., Dahlgren, M, Barucci, M. A., Jorda, L., Binzel, R. P, Slivan, S. M, Blanco, C, Riccioli, D, Buratti, B. J, Colas, F, Berthier, J, De Angelis, G., Di Martino, M, Dotto, E, Drummond, J. D, Fink, U, Hicks, M, Grundy, W, Wisniewski, W, Gaftonyuk N.M., Geyer, E. H, Bauer, T, Hoffmann, M, Ivanova V., **Komitov B., Donchev, Z.** Denchev, P., Krugly, Yu. N, Velichko, F. P.; Chiorny, V. G, Lupishko, D. F., Shevchenko, V. G, Kwiatkowski, T, Kryszczyńska, A, Lahulla, J. F., Licandro, J., Mendez, O, Mottola, S., Erikson, A., Ostro, S. J, Pravec, P, Pych, W, Tholen, D. J, Whiteley, R, Wild, W. J, Wolf, M, Šarounová, L. Photometric Observations and Modeling of Asteroid 1620 Geographos. Icarus, 123, Elsevier, 1996, ISSN:0019-1035, DOI:10.1006/icar.1996.0151, 227-244. SJR:2.037, ISI IF:2.981

Lumupa ce e:

26. Hirabayashi, Masatoshi; Scheeres, Daniel J., "Rotationally induced failure of irregularly shaped asteroids", *Icarus*, Volume 1.000 317, p. 354-364, 2019, @2019 [Линк](#)

1997

9. Duemmler, R., Pelt, J., Korhonen, H., **Iliev, I.** Is beta Crateris a Sirius-like system?. *Astronomy and Astrophysics*, 328, EDP Sciences, 1997, ISSN:0004-6361, L37-L39. ISI IF:4.5
Цитирана е:
27. Schreiber, Matthias R.; Gänsicke, Boris T.; Toloza, Odette; Hernandez, Mercedes-S.; Lagos, Felipe "Cold Giant Planets 1.000 Evaporated by Hot White Dwarfs", 2019, *ApJ*, 887L, 4S, @2019 [Линк](#)
10. Borissova, J., **Markov, H.**, Spassova, N.. CCD photometry of the globular cluster Palomar 13. *A & A Supplement series*, Vol. 121, March 1997, p.499-505., 121, 1997, ISSN:0365-0138, DOI:10.1051/aas:1997122, 499-505
Цитирана е:
28. Yezpez, M. A.; Arellano Ferro, A.; Schröder, K. P. and 3 more "Variable stars in Palomar 13; an evaporating globular cluster", 1.000 2019NewA...71....1Y, @2019 [Линк](#)
11. Krajcheva, Z., Stanishev, V., **Iliev, L.**, Antov, A., **Genkov, V.** TT Arietis: Photometric variability from 1985 to 1994. *Astronomy & Astrophysics Supplement series*, 122, April I, 1997, ISSN:0365-0138, DOI:10.1051/aas:1997286, 123-129
Цитирана е:
29. Bruch, Albert, TT Arietis: 40 yr of photometry, 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 489, Issue 1.000 2, p.2961-2975. DOI 10.1093/mnras/stz2381, @2019 [Линк](#)
12. **Semkov, E. H.**, Mutafov, A. S.. Wide-Field Spectroscopy with 3.5 Degree Objective Prism and 50/70 cm Rozhen Schmidt Telescope. *Proc. of the International Conf. Wide-Field Spectroscopy*, 1997, 125-126
Цитирана е:
30. Mihov, B., Slavcheva-Mihova, L., A Study of the High-Luminosity Quasar HS 1946+7658, 2019, *AIP Conference Proceedings*, 2075, 090020, @2019 [Линк](#)
13. Jockers, K, Rosenbush, V, **Bonev, T.**, Credner, T. Images Of Polarization And Colour In The Inner Coma Of Comet Hale-Bopp. *Earth, Moon, and Planets*, 78, 1/3, Springer, 1997, ISSN:0167-9295, 373-379. ISI IF:0.721
Цитирана е:
31. Ivanova, Oleksandra; Agapitov, Oleksiy; Odstroil, Dusan; Korsun, Pavlo; Afanasiev, Viktor; Rosenbush, Vera."Dynamics of 1.000 the CO+ coma of comet 29P/Schwassmann-Wachmann 1".*Monthly Notices of the Royal Astronomical Society*, Volume 486, Issue 4, p.5614-5620., @2019

1998

14. Denchev, P., Magnusson, P., **Donchev, Z.** Lightcurves of nine asteroids, with pole and sense of rotation of 42 Isis. *Planetary and Space Science*, 46, 6, 1998, 673-672. JCR-IF (Web of Science):1.815
Цитирана е:
32. Bartczak, P., Dudziński, G., Volume uncertainty assessment method of asteroid models from disc-integrated visual 1.000 photometry, 2019, *MNRAS*, 485, 2431–2446, @2019 [Линк](#)
15. **Kirilova, D. P.**, Chizhov, M. V.. Cosmological nucleosynthesis and active-sterile neutrino oscillations with small mass differences: The nonresonant case. *Physical Review D*, 58, 7, 1998, DOI:10.1103/PhysRevD.58.073004, 073004. ISI IF:3.558
Цитирана е:
33. S. Gariazzo, P. F. de Salas, S. Pastor, Thermalisation of sterile neutrinos in the early Universe in the 3+1 scheme with full 1.000 mixing matrix, arXiv:1905.11290, *Journal of Cosmology and Astroparticle Physics* 2019(07):014-014, @2019

1999

16. Kraicheva, Z., Stanishev, V., **Genkov, V.** MV Lyrae: Photometric study at high state. *Astronomy and Astrophysics Supplement*, 134, 1999, 263-270. JCR-IF (Web of Science):5.497
[Цитира се е:](#)
34. Dobrotka, A.; Negoro, H.; Mineshige, S. Similar shot profile morphology of fast variability in a cataclysmic variable, X-ray binary, and blazar: The MV Lyrae case, 2019, *A&A*, 631, A134, @2019 [Линк](#) **1.000**
35. Pan, C. Y.; Dai, Z. B. , Investigations on the Observations of Three Types of Periodic Oscillations in Cataclysmic Variables, **1.000** 2019, *Acta Astronomica Sinica*, vol. 60, no. 4, article id. 35, @2019
17. Kraicheva, Z., Stanishev, V., **Genkov, V., Iliev, L.** TT Arietis: 1985-1999 accretion disc behaviour. *Astronomy and Astrophysics*, 351, November, 1999, ISSN:0004-6361, DOI:Bibcode: 1999A&A...351..607K, 607-618. JCR-IF (Web of Science):4.378
[Цитира се е:](#)
36. Bruch, Albert, "TT Arietis: 40 yr of photometry", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 489, Issue 2, p.2961-2975., @2019 [Линк](#) **1.000**
18. Dermendjiev, V. N., **Detchev, M., Petrov, N. I.**, Rompolt, B.. Structure, internal motion and oscillation of a quiescent prominence.. *JOSO Annu. Rep.*, 1998, 1999, 122-123
[Цитира се е:](#)
37. Ivan Myshyakov and Tsvetan Tsvetkov. "Comparison of Kinematics of Solar Eruptive Prominences and Spatial Distribution of the Magnetic Decay Index". *ApJ* – accepted (in press), 2019, @2019 **1.000**
19. Paunzen, E., Kamp, I., **Iliev, I. Kh.**, Heiter, U., Hempel, M., Weiss, W. W., **Barzova, I.**, Kerber, F., Mittermayer, P.. Light element non-LTE abundances of lambda Bootis stars. I. Carbon and Oxygen. *Astronomy and Astrophysics*, 345, EDP Sciences, 1999, ISSN:0004-6361, 597-604. ISI IF:4.378
[Цитира се е:](#)
38. Kwang-Ping Cheng, Erik S. Tarbell, Anthony J. Giacinto, James E. Neff, Christopher A. Romo, Richard O. Gray, Christopher J. Corbally, and Dustin M. Johnson. "Validating the C I 5052.17 Å/Mg II 4481 Å Equivalent Width Ratio as a Diagnostic for F-type Lambda Boo Stars", 2019, *AJ*, 157, 1, @2019 [Линк](#) **1.000**
20. Jockers, K., **Bonev, T.**, Credner, T.. Observations of Ions in Comets: A Contribution Towards Understanding the Comet-Solar Wind Interaction. *Astrophysics and Space Science*, 264, 1999, ISSN:0004640X, 227. SJR:0.242, ISI IF:1.562
[Цитира се е:](#)
39. Agarwal, Aditi; Cellone, Sergio A.; Andruchow, Ileana; Mammana, Luis; Singh, Mridweeka; Anupama, G. C.; Mihov, B.; Raj, Ashish; Slavcheva-Mihova, L.; Özdönmez, Aykut; Ege, Ergün."Multiband optical variability of 3C 279 on diverse time-scales".*Monthly Notices of the Royal Astronomical Society*, Volume 488, Issue 3, p.4093-4105, 2019, @2019 [Линк](#) **1.000**
21. Skinner, S.L., Itoh, M., Nagase, F., **Zhekov, S.A.** Simultaneous Radio and X-Ray Observations of the Wolf-Rayet Star WR 147. *The Astrophysical Journal*, 524, 1, 1999, DOI:10.1086/307809, 394. ISI IF:5.909
[Цитира се е:](#)
40. Hamann, W. -R.; Gräfener, G.; Liermann, A.; Hainich, R.; Sander, A. A. C.; Shenar, T.; Ramachandran, V.; Todt, H.; Oskinoва, L. M., "The Galactic WN stars revisited. Impact of Gaia distances on fundamental stellar parameters", *Astronomy & Astrophysics*, Volume 625, id.A57, 11 pp, @2019 [Линк](#) **1.000**
22. **Zamanov, R.**, Martí, J., Paredes, J., Fabregat, J, Ribó, M., Tarasov, A.. Evidence of H α periodicities in LS I+61deg303. *Astronomy and Astrophysics*, v.351, 1999, 543-550. ISI IF:5
[Цитира се е:](#)
41. Chang, Zhi; Zhang, Shu; Chen, Yu-Peng; Ji, Long; Kong, Ling-Da; Liu, Cong-Zhan "The GeV emission of PSR B1259-63 during its last three periastron passages observed by Fermi-LAT" 2018arXiv180702662C, @2019 [Линк](#) **1.000**

2000

23. Zhilyaev, B.E., Romaniuk, Ya., Verlyuk, I., Svyatogorov, O., Khalak, V., Sergeev, A., **Konstantinova-Antova, R., Antov, A., Bachev, R.**, Alekseev, I., Chalenko, V., Shakhovskoi, D., Contadakis, M., Avgoloupis, S.. High-frequency optical oscillations on the flare star EV Lacertae. *Astronomy and Astrophysics*, 364, EDP Sciences, 2000, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201424579, 641. SJR:1.905, ISI IF:4.449

[Цитира се е:](#)

42. Díez Alonso, E.; Caballero, J. A.; Montes, D.; de Cos Juez, F. J.; Dreizler, S.; Dubois, F.; Jeffers, S. V.; Lalitha, S.; Naves, R.; Reiners, A.; Ribas, I.; Vanaverbeke, S.; Amado, P. J.; Béjar, V. J. S.; Cortés-Contreras, M.; Herrero, E.; Hidalgo, D.; Kürster, M.; Logie, L.; Quirrenbach, A.; Rau, S.; Seifert, W.; Schöfer, P.; Tal-Or, L. CARMENES input catalogue of M dwarfs. IV. New rotation periods from photometric time series, *A&A*, 621, 126, @2019 **1.000**
43. Jackman, James A. G.; Wheatley, Peter J.; Pugh, Chloe E.; Kolotkov, Dmitrii Y.; Broomhall, Anne-Marie; Kennedy, Grant M.; Murphy, Simon J.; Raddi, Roberto; Burleigh, Matthew R.; Casewell, Sarah L.; Eig Müller, Philipp; Gillen, Edward; Günther, Maximilian N.; Jenkins, James S.; Loudon, Tom; McCormac, James; Raynard, Liam; Poppenhaeger, Katja; Udry, Stéphane; Watson, Christopher A.; West, Richard G. Detection of a giant flare displaying quasi-periodic pulsations from a pre-main-sequence M star by the Next Generation Transit Survey, *MNRAS*, 482, 5553, @2019 **1.000**
24. **Markova, N.**, Valchev, T.. Spectral variability of luminous early type stars. I. Peculiar supergiant HD199478. *Astronomy and Astrophysics*, 363, 2000, 995. ISI IF:0.69
- Lumupa ce e:
44. Ismailov, N. Z.; Ismayilova, Sh K. High-velocity absorption and emission in the spectrum of supergiant HD 199478 *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 3, p.3558-3568, @2019 **1.000**
45. Gvaramadze, Vasilii V.; Kniazev, Alexei Yu.; Castro, Norberto; Grebel, Eva K. Two Circumstellar Nebulae Discovered with the Wide-field Infrared Survey Explore and Their Massive Central Stars *The Astronomical Journal*, Volume 157, Issue 2, article id. 53, 14 pp. (2019)., @2019 **1.000**
25. **Zamanov, R.**, Marti, J.. First correlation between compact object and circumstellar disk in the Be/X-ray binaries. *A&A*, 358, 2000, L55-L58. ISI IF:5
- Lumupa ce e:
46. Chang, Zhi; Zhang, Shu; Chen, Yu-Peng; Ji, Long; Kong, Ling-Da; Liu, Cong-Zhan "The GeV emission of PSR B1259-63 during its last three periastron passages observed by Fermi-LAT" 2018arXiv180702662C accepted in RAA, @2019 [Линк](#) **1.000**
26. **Kirilova, D. P.**, Chizhov, M. V. Cosmological nucleosynthesis and active-sterile neutrino oscillations with small mass differences: the resonant case. *Nuclear Physics B*, 591, 2000, ISSN:05503213, DOI:10.1016/S0550-3213(00)00541-1, 457-468. ISI IF:4.225
- Lumupa ce e:
47. Y.H. Ahn , Inflation and Leptogenesis in a U(1)-enhanced supersymmetric model, *Phys.Rev. D*100 (2019) no.1, 015002, @2019 **1.000**
48. S. Gariazzo, P. F. de Salas, S. Pastor, Thermalisation of sterile neutrinos in the early Universe in the 3+1 scheme with full mixing matrix, arXiv:1905.11290, *Journal of Cosmology and Astroparticle Physics* 2019(07):014-014, @2019 **1.000**
27. Ökten, A., Dermendjiev, V. N., **Petrov, N. I.**, Özisik, T.. Morphology and dynamics of an eruptive prominence. 24th meeting of the IAU, Joint Discussion 7, id. 33, Manchester, England, 2000
- Lumupa ce e:
49. Ivan Myshyakov and Tsvetan Tsvetkov. "Comparison of Kinematics of Solar Eruptive Prominences and Spatial Distribution of the Magnetic Decay Index". *ApJ* – accepted (in press), 2019, @2019 **1.000**
28. Bonev B., **Komitov B.**. New Two-Variable Fits for the Scale Lengths of CN and its Parent Molecule in Cometary Atmospheres: Application to the Identification of the CN Parent. *Bulletin of the American Astronomical Society*, American Astronomical Society, DPS Meeting #32, id.41.05, 32, 2000, ISSN:0002-7537, 1072-1072
- Lumupa ce e:
50. Vastel, C.; Loison, J. C.; Wakelam, V.; Lefloch, B. , Isocyanogen formation in the cold interstellar medium , *Astronomy & Astrophysics*, Volume 625, id.A91, 19 pp., 2019, @2019 [Линк](#) **1.000**
29. Jockers, K., Credner, T., **Bonev, T.**, Kiselev, N., Korsun, P., Kulyk, I., Rosenbush, V., Andrienko, A., Karpov, N., Sergeev, A., Tarady, V.. Exploration of the solar system with the Two-Channel Focal Reducer at the 2m-RCC telescope of Pik Terskol Observatory. *Kinematika i Fizika Nebesnykh Tel, Suppl.*, 3, 2000, 13-18
- Lumupa ce e:
51. Agarwal, Aditi; Cellone, Sergio A.; Andruchow, Ileana; Mammana, Luis; Singh, Mridweeka; Anupama, G. C.; Mihov, B.; Raj, Ashish; Slavcheva-Mihova, L.; Özdönmez, Aykut; Ege, Ergün."Exploration of the solar system with the Two-Channel Focal Reducer at the 2m-RCC telescope of Pik Terskol Observatory".*Monthly Notices of the Royal Astronomical Society*, Volume 488, Issue 3, p.4093-4105, @2019 **1.000**

30. **Duchlev, P. I.** An Estimation of the Long-Term Variation of a North-South Asymmetry of the Long-Lived Solar Filaments. *Solar Physics*, 199, 1, Springer, 2001, ISSN:0038-0938, DOI:10.1023/A:1010313817889, 211-215. SJR:2.113, ISI IF:4.039
[Цитира се в:](#)
52. El-Borie, MA; El-Taher, AM ; Thabet, AA ; Bishara, AA. The impact of asymmetrical distribution of solar activity on geomagnetic indices throughout five solar activity cycles, *Advances in Space Research*, Vol. 64, Issue 1, pp. 278-286, 2019, @2019 [Линк](#) **1.000**
31. Stanishev, V, Kraicheva, Z., **Genkov, V.** Spectroscopy of TT Arietis in "positive superhumps" state. *A&A*, 379, 2001, 185. ISI IF:2.281
[Цитира се в:](#)
53. Bruch, Albert , TT Arietis: 40 yr of photometry, 2019, *MNRAS*, 489, 2961, @2019 [Линк](#) **1.000**
32. **Zamanov, R. K.**, Reig, P., Martí, J., Coe, M. J., Fabregat, J., **Tomov, N. A.**, Valchev, T.. Comparison of the H α circumstellar disks in Be/X-ray binaries and Be stars. *Astronomy and Astrophysics*, 367, 2001, 884. SJR:1.547, ISI IF:4.47
[Цитира се в:](#)
54. Martin, Rebecca G.; Franchini, Alessia "The frequency of Kozai-Lidov disc oscillation driven giant outbursts in Be/X-ray binaries" 2019MNRAS.489.1797M, @2019 **1.000**
33. Dermendjiev, V. N., **Petrov, N. I.**, **Detchev, M. Tz.**, Rimpolt, B., Rudawy, P.. Line-of-Sight Velocity Fluctuations of a Quiescent Prominence. *Solar Physics*, 202, 1, springer, 2001, DOI:10.1023/A:1011813114259, 99-107. ISI IF:2.682
[Цитира се в:](#)
55. Цветков, Цветан. "Изследване на дестабилизацията и ерупцията на протуберанси/влакна в активни области на Слънцето", Институт по астрономия с НАО, Ръководител: проф. д-р Е. Семков, 2019., @2019 [Линк](#) **1.000**

2002

34. **Zamanov, R.**, Marziani, P.. Searching for the Physical Drivers of Eigenvector 1: From Quasars to Nanoquasars. *The Astrophysical Journal*, 571, 2002, 77. JCR-IF (Web of Science):6.187
[Цитира се в:](#)
56. Takhistov, Volodymyr "Positrons from primordial black hole microquasars and gamma-ray bursts" 2019PhLB..789..538T, @2019 **1.000**
35. Michael, E., **Zhekov, S.**, McCray, R., Hwang, U., Burrows, D., Park, S., Garmire, G., Holt, S., Hasinger, G.. The X-Ray Spectrum of Supernova Remnant 1987A. *The Astrophysical Journal*, 574, 1, 2002, 166-178. ISI IF:5.551
[Цитира се в:](#)
57. Hebbar, Pavan R.; Heinke, Craig O.; Sivakoff, Gregory R.; Shaw, Aarran W., "X-ray spectroscopy of the candidate AGNs in Henize 2-10 and NGC 4178: likely supernova remnants", *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 4, p.5604-5615, @2019 [Линк](#) **1.000**
58. Quirola-Vásquez, J.; Bauer, F. E.; Dwarkadas, V. V.; Badenes, C.; Brandt, W. N.; Nymark, T.; Walton, D., "The exceptional X-ray evolution of SN 1996cr in high resolution", *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 4, p.4536-4564, @2019 [Линк](#) **1.000**
36. Paunzen, E., **Iliev, I. Kh.**, Kamp, I., **Barzova, I.**. The status of Galactic field λ Bootis stars in the post-Hipparcos era. *Monthly Notices of the Royal Astronomical Society*, 336, 3, Oxford University Press, 2002, ISSN:0035-8711, DOI:10.1046/j.1365-8711.2002.05865.x, 1030-1042. ISI IF:5.11
[Цитира се в:](#)
59. Bowman, D. M.; Aerts, C.; Johnston, C.; Pedersen, M. G.; Rogers, T. M.; Edelmann, P. V. F.; Simón-Díaz, S.; Van Reeth, T.; Buyschaert, B.; Tkachenko, A.; Triana, S. A. Photometric detection of internal gravity waves in upper main-sequence stars. I. Methodology and application to CoRoT targets, 2019, *A&A*, 621A.135B, @2019 [Линк](#) **1.000**
37. **Zamanov, R.**, Marziani, P., Sulentic, J. W., Calvani, M., Dultzin-Hacyan, D., **Bachev, R.**. Kinematic Linkage between the Broad- and Narrow-Line-emitting Gas in Active Galactic Nuclei. *The Astrophysical Journal*, 576, 2002, DOI:10.1086/342783, L9-L13. JCR-IF (Web of Science):5.993
[Цитира се в:](#)
60. 2019A&A...631A..46G Properties of radio-loud quasars in the Sloan Digital Sky Survey Gaur, H.; Gu, M.; Ramya, S.; Guo, H., @2019 **1.000**

61. 2019JApA...40...39P Gamma-ray emitting narrow-line Seyfert 1 galaxies: Past, present, and future Paliya, Vaidehi **1.000**
S., @2019
62. 2019ApJ...883..167P "A Triple AGN in a Mid-infrared Selected Late-stage Galaxy Merger" Pfeifle, Ryan W.; Satyapal, **1.000**
Shobita; Manzano-King, Christina; Cann, Jenna; Sexton, Remington O.; Rothberg, Barry; Canalizo, Gabriela; Ricci, Claudio;
Blecha, Laura; Ellison, Sara L.; Gliozzi, Mario ; Secretst, Nathan J. ; Constantin, Anca ; Harvey, Jenna B., @2019
63. 2019PASJ...71...29C Discovery of a strong ionized-gas outflow in an AKARI-selected ultra-luminous infrared galaxy at $z =$ **1.000**
0.5 Chen, Xiaoyang; Akiyama, Masayuki; Noda, Hirofumi; Abdurrou'uf, Toba, Yoshiki; Yamamura, Issei; Kawaguchi, Toshihiro;
Kokubo, Mitsuru; Ichikawa, Kohei, @2019
64. Nardini, E.; Lusso, E.; Bisogni, S., "Towards an informed quest for accretion disc winds in quasars: the intriguing case of Ton **1.000**
28", 2019, MNRAS, 482, L134, @2019 [Линк](#)
38. Sulentic, J. W., Marziani, P., **Zamanov, R., Bachev, R.**, Calvani, M, Dultzin-Hacyan, D.. Average Quasar Spectra in the Context of
Eigenvector 1. The Astrophysical Journal, 566, 2, 2002, 71-75. JCR-IF (Web of Science):5.993
[Лумупа се е:](#)
65. Baron, Dalya; Ménard, Brice; Black hole mass estimation for active galactic nuclei from a new angle; 2019, **1.000**
MNRAS.487.3404, @2019
39. Skopal, A., Vanko, M., Pribulla, T., Wolf, M., **Semkov, E. H.**, Jones, A.. Photometry of symbiotic stars X. EG And, Z And, BF Cyg, CH Cyg,
V1329 Cyg, AG Dra, RW Hya, AX Per and IV Vir. Contributions of the Astronomical Observatory Skalnaté Pleso, 32, 2002, 62-78. ISI
IF:0.389
[Лумупа се е:](#)
66. Merc, J., Gális, R., Wolf, M., Leedjäv, L., Teyssier, F., The activity of the symbiotic binary Z Andromedae and its latest **1.000**
outburst, 2019, Proc. of the 50th Conf. on Variable Stars Research, vol. 197, Brno, Czech Republic, ed. R. Kocián, p.
23, @2019 [Линк](#)
40. **Bonev, T.**, Jockers, K., Petrova, E., Delva, M., **Borisov, G.**, Ivanova, A.. The Dust in Comet C/1999 S4 (LINEAR) during Its Disintegration:
Narrow-Band Images, Color Maps, and Dynamical Models. Icarus, 160, 2002, DOI:10.1006/icar.2002.6971, 419-436. ISI IF:3.038
[Лумупа се е:](#)
67. Zhang, X., Liu, J.-Z., Wang, Y.-H., Lu, L.-N. 2019. C/2015 O1: A long-period comet with photometric observations. Research **1.000**
in Astronomy and Astrophysics 19, 065., @2019
41. Stanishev, V., Kraicheva, Z., Boffin, H.M.J., **Genkov, V.** PX Andromedae: Superhumps and variable eclipse depth. A&A, 394, 2002,
ISSN:1432-0746, 625. ISI IF:3.781
[Лумупа се е:](#)
68. Dorn-Wallenstein, Trevor Z.; Levesque, Emily M.; Davenport, James R. A. Short-term Variability of Evolved Massive Stars **1.000**
with TESS, 2019, ApJ, 878, 155, @2019 [Линк](#)
69. Bowman, D. M.; Aerts, C.; Johnston, C.; Pedersen, M. G.; Rogers, T. M.; Edelmann, P. V. F.; Simón-Díaz, S.; Van Reeth, **1.000**
T.; Buyschaert, B.; Tkachenko, A.; Triana, S. A., Photometric detection of internal gravity waves in upper main-sequence
stars. I. Methodology and application to CoRoT targets, 2019, A&A, 621, id.A135, @2019 [Линк](#)
70. Rauw, G.; Pigulski, A.; Nazé, Y.; David-Uraz, A.; Handler, G.; Raucq, F.; Gosset, E.; Moffat, A. F. J.; Neiner, C.; Pablo, H.; **1.000**
Popowicz, A.; Rucinski, S. M.; Wade, G. A.; Weiss, W.; Zwintz, K., BRITe photometry of the massive post-RLOF system
HD149 404, A&A, 621, id. A1, @2019 [Линк](#)

2003

42. Marziani, P., Sulentic, J. W., **Zamanov, R.**, Calvani, M., Dultzin-Hacyan, D., **Bachev, R.**, Zwitter, T. An Optical Spectroscopic Atlas of Low-
Redshift Active Galactic Nuclei. The Astrophysical Journal Supplement Series, 145, 2, 2003, 199-211. ISI IF:5.993
[Лумупа се е:](#)
71. Coffey, D.; Salvato, M.; Merloni, A.; Boller, Th.; Nandra, K.; Dwelly, T.; Comparat, J.; Schulze, A.; Del Moro, A.; Schneider, **1.000**
D. P.; SDSS-IV/SPIDERS: A catalogue of X-ray selected AGN properties. Spectral properties and black hole mass estimates
for SPIDERS SDSS DR14 type 1 AGN; 2019, A&A, 625, 123, @2019
43. Marziani, P., **Zamanov, R. K.**, Sulentic, J. W., Calvani, M.. Searching for the physical drivers of eigenvector 1: influence of black hole mass
and Eddington ratio. Monthly Notices of the Royal Astronomical Society, 345, 4, 2003, ISSN:ISSN 1365-2966, DOI:10.1046/j.1365-
2966.2003.07033.x, 1133. SJR (Scopus):2.588, JCR-IF (Web of Science):4.993
[Лумупа се е:](#)

72. Nardini, E.; Lusso, E.; Bisogni, S., "Towards an informed quest for accretion disc winds in quasars: the intriguing case of Ton 1.000 28", 2019, MNRAS, 482, L134, @2019 [Линк](#)

2004

44. **Markova, N.**, Puls, J., Repolust, T., **Markov, H.**. Bright OB stars in the Galaxy. I. Mass-loss and wind-momentum rates of O-type stars: A pure H α analysis accounting for line-blanketing. *Astronomy and Astrophysics*, 413, 2004, 693. SJR:2.623, ISI IF:3.21
Lumupa ce e:
73. Alexeeva, Sofya; Sadakane, Kozo; Nishimura, Masayoshi; Du, Junju; Hu, Shaoming The NLTE Analyses of Carbon Emission Lines in the Atmospheres of O- and B-type Stars *The Astrophysical Journal*, Volume 884, Issue 2, article id. 150, 17 pp. (2019), @2019 1.000
74. Fernandes, B.; Montmerle, T.; Santos-Silva, T.; Gregorio-Hetem, J. Runaways and shells around the CMa OB1 association *Astronomy & Astrophysics*, Volume 628, id.A44, 15 pp., @2019 1.000
75. Kobulnicky, Henry A.; Chick, William T.; Povich, Matthew S Mass-loss Rates for O and Early B Stars Powering Bow Shock Nebulae: Evidence for Bistability Behavior *The Astronomical Journal*, Volume 158, Issue 2, article id. 73, 25 pp. (2019), @2019 1.000
76. Haid, S.; Walch, S.; Seifried, D.; Wunsch, R.; Dinnbier, F.; Naab, T. SILCC-Zoom: The early impact of ionizing radiation on forming molecular clouds *Monthly Notices of the Royal Astronomical Society*, Volume 482, Issue 3, p.4062-4083, @2019 1.000
45. Stanishev, V., **Zamanov, R.**, **Tomov, N.**, Marziani, P.. H-alpha variability of the recurrent nova T Coronae Borealis. *Astronomy and Astrophysics*, 415, 2004, 609-616. ISI IF:5
Lumupa ce e:
77. "XMM-Newton observations of the symbiotic recurrent nova T CrB: evolution of X-ray emission during the active phase" Zhekov, Svetozar A.; Tomov, Toma V. 2019MNRAS.489.2930Z, @2019 1.000
78. " T CrB: Radio Observations during the 2016-2017 "Super-active" State " Linford, Justin D.; Chomiuk, Laura; Sokoloski, Jennifer L.; Weston, Jennifer H. S.; van der Horst, Alexander J.; Mukai, Koji; Barrett, Paul; Mioduszewski, Amy J.; Rupen, Michael, 2019ApJ...884....8L, @2019 1.000
46. **Bachev, R.**, Marziani, P.; Sulentic, J. W., **Zamanov, R.**, Calvani, M.; Dultzin-Hacyan, D.. Average Ultraviolet Quasar Spectra in the Context of Eigenvector 1: A Baldwin Effect Governed by the Eddington Ratio?. *The Astrophysical Journal*, 617, 1, 2004, 171-183. ISI IF:5.993
Lumupa ce e:
79. Marinello, M.; Overzier, R. A.; Röttgering, H. J. A.; Kurk, J. D.; De Breuck, C.; Vernet, J.; Wylezalek, D.; Stern, D.; Duncan, K. J.; Hatch, N.; Kashikawa, N.; Lin, Y. -T.; Nemmen, R. S.; Saxena, A.; 2019, MNRAS.tmp.2976; VLT/SINFONI study of black hole growth in high redshift radio-loud quasars from the CARLA survey, @2019 1.000
47. Gulyaev, R. A., Kokotanev, D., **Petrov, N.**. Observations of coronal streamers on the night sky. Vol. 223, Cambridge University Press, 2004, DOI:DOI:10.1017/S1743921304006210, 383-384. SJR:0.13
Lumupa ce e:
80. V. L. Merzlyakov, Ts. Tsvetkov, L. I. Starkova, R. Miteva. "Polarization of the White-Light Solar Corona and Sky Polarization Effect during Total Solar Eclipse on March 29, 2006". *Serbian Astronomical Journal*. arXiv e-prints., @2019 1.000
48. **Kirilova, D.**. Neutrino Spectrum Distortion Due to Oscillations and its BBN Effect. *Int.J.Mod.Phys.D*, 13, 2004, 831-842. ISI IF:1.5
Lumupa ce e:
81. Daniel Boriero, Dominik J. Schwarz, Hermano Velten, "Flavour composition and entropy increase of cosmological neutrinos after decoherence", *Universe* 5 (2019) no.10, 203, @2019 1.000
49. Steele, I. A., Smith, R. J., Rees, P. C., Baker, I. P., Bate, Bowman, M, K., Carter, D., Etherton, J., Ford, M. J., Fraser, Lett, R. D. J., Mansfield, A. G., Marchant, J. M., Medrano-Cerda, G. A., Raback, D., Scott, A. B., Tomlinson, M. D., **Zamanov, R.**. The Liverpool Telescope: performance and first results. 2004
Lumupa ce e:
82. Gauza, B.; Béjar, V. J. S.; Pérez-Garrido, A.; Lodieu, N.; Rebolo, R.; Zapatero Osorio, M. R.; Pantoja, B.; Velasco, S.; Jenkins, J. S. "A low-mass triple system with a wide L/T transition brown dwarf component: NLTT 51469AB/SDSS 2131-0119" 2019MNRAS.487.1149G, @2019 1.000
83. Ho, Anna Y. Q.; Goldstein D. A.; Schulze S.; Khatami D. K.; Perley D. A.; Ergon M.; Gal-Yam A.; Corsi A.; Andreoni I.; Barbarino C.; Bellm E.C.; Blagorodnova N.; Bright J. S.; Burns E.; Cenko S. B.; Cunningham V.; De K.; Dekany R.; Dugas A.; Fender R. P.; Fransson C.; Fremling C.; Goldstein A.; Graham M. J.; Hale D.; et al. "Evidence for Late-stage Eruptive

50. Kiselev, N. N., Jockers, K., **Bonev, T.**. CCD imaging polarimetry of Comet 2P/Encke. Icarus, 168, 2004, DOI:10.1016/j.icarus.2003.12.012, 385-391. ISI IF:3.038

Цитирана се е:

84. Ponomarenko, V. A.; Churyumov, K. I.; Kleshchonok, V. V.; Lukyanyk, I. V.; Velichko, S. F.; Kuznetsov, M. K.; Baransky, A. R. "Spectrophotometric differences of gas-dust environment of selected Jupiter's family comets and long-period comets with retrograde motion". Planetary and Space Science, Volume 165, p. 221-229., @2019 **1.000**
85. Rumyantsev, V. V.; Kiselev, N. N.; Ivanova, A. V. "CCD Polarimetry of Near-Earth Asteroid 2014 JO25 and Comet 41P/Tuttle-Giacobini-Kresák at the Prime Focus of the 2.6-m Shajn Telescope of the Crimean Astrophysical Observatory". Solar System Research, Volume 53, Issue 2, pp.91-97, @2019 **1.000**

51. **Petrov, N., Duchlev, P.,** Rompolt, B., Rudawy, P.. Fine structure and oscillations of a quiescent prominence. IAU Symposium, Vol. 223, Cambridge University Press, 2004, 293-294

Цитирана се е:

86. Цветков, Цветан. "Изследване на дестабилизацията и ерупцията на протуберанси/влакна в активни области на Слънцето", Институт по астрономия с НАО, Ръководител: проф. д-р Е. Семков, 2019., @2019 [Линк](#) **1.000**
87. Ivan Myshyakov and Tsvetan Tsvetkov. "Comparison of Kinematics of Solar Eruptive Prominences and Spatial Distribution of the Magnetic Decay Index". ApJ – accepted (in press), 2019, @2019 **1.000**

52. Skopal, A., Pribulla, T., Vanko, M., **Semkov, E.**, Velic, Z., Wolf, M., Jones, A.. Photometry of symbiotic stars XI. EG And, Z And, BF Cyg, CH Cyg, CI Cyg, V1329 Cyg, TX CVn, AG Dra, RW Hya, AR Pav, AG Peg, AX Per, QW Sge, IV Vir and the LMXB V934 Her,. Contributions of the Astronomical Observatory Skalnaté Pleso, 34, 1, 2004, 45-69. ISI IF:0.389

Цитирана се е:

88. Merc, J., Gális, R., Wolf, M., Leedjårv, L., Teyssier, F., The activity of the symbiotic binary Z Andromedae and its latest outburst, 2019, Proc. of the 50th Conf. on Variable Stars Research, vol. 197, Brno, Czech Republic, ed. R. Kocián, p. 23, @2019 [Линк](#) **1.000**

53. Kupka, F., Paunzen, E., **Iliev, I. Kh.**, Maitzen, H. M.. The 5200-Å flux depression of chemically peculiar stars - II. The cool chemically peculiar and λ Bootis stars. Monthly Notices of the Royal Astronomical Society, 352, Oxford University Press, 2004, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2004.07977.x, 863-876. ISI IF:5.11

Цитирана се е:

89. Ghazaryan, S.; Alecian, G.; Hakobyan, A. A., Statistical analysis of roAp, He-weak, and He-rich stars, 2019, MNRAS, 487, 5922G, @2019 [Линк](#) **1.000**

54. Kallinger, Th., **Iliev, I.**, Lehmann, H., Weiss, W. W.. The puzzling Maia candidate star α Draconis. IAU Symp. 224, Cambridge University Press, 2004, ISBN:0521850185, DOI:10.1017/S1743921305009865, 848-852. ISI IF:1

Цитирана се е:

90. Bedding, Timothy R.; Hey, Daniel R.; Murphy, Simon J. "A Dance with Dragons: TESS Reveals α Draconis is a Detached Eclipsing Binary", 2019, RNAAS, 3, 163B, @2019 [Линк](#) **1.000**
91. Islam, Safiqul; Datta, Satadal; Das, Tapas K., A parametric model to study the mass-radius relationship of stars, 2019, Prama, 92, 431, @2019 [Линк](#) **1.000**

55. Park, S., **Zhekov, S.A.**, Burrows, D. N., Garmire, G. P., McCray, R.. A Chandra View of the Morphological and Spectral Evolution of Supernova Remnant 1987A. The Astrophysical Journal, 610, 1, 2004, 275. ISI IF:5.553

Цитирана се е:

92. Sio, H.; Frenje, J. A.; Le, A.; Atzeni, S.; Kwan, T. J. T.; Gatu Johnson, M.; Kagan, G.; Stoeckl, C.; Li, C. K.; Parker, C. E.; Forrest, C. J.; Glebov, V.; Kabadi, N. V.; Bose, A.; Rinderknecht, H. G.; Amendt, P.; Casey, D. T.; Mancini, R.; Taitano, W. T.; Keenan, B. Simakov, A. N.; Chacón, L.; Regan, S. P.; Sangster, T. C.; Campbell, E. M.; Seguin, F. H.; Petrasso, R. D., "Observations of Multiple Nuclear Reaction Histories and Fuel-Ion Species Dynamics in Shock-Driven Inertial Confinement Fusion Implosions", Physical Review Letters, Volume 122, Issue 3, id.035001, @2019 [Линк](#) **1.000**
93. Sio, H.; Larroche, O.; Atzeni, S.; Kabadi, N. V.; Frenje, J. A.; Gatu Johnson, M.; Stoeckl, C.; Li, C. K.; Forrest, C. J.; Glebov, V.; Adrian, P. J.; Bose, A.; Birkel, A.; Regan, S. P.; Seguin, F. H.; Petrasso, R. D., "Probing ion species separation and ion thermal decoupling in shock-driven implosions using multiple nuclear reaction histories", Physics of Plasmas, Volume 26, Issue 7, id.072703, @2019 [Линк](#) **1.000**

56. Jockers, K., Kiselev, N., **Bonev, T.**, Rosenbush, V., Shakhovskoy, N., Kolesnikov, S., Efimov, Yu., Shakhovskoy, D., Antonyuk, K.. CCD imaging and aperture polarimetry of comet 2P/Encke: are there two polarimetric classes of comets?. *Astronomy and Astrophysics*, 441, 2005, DOI:10.1051/0004-6361:20053348, 773-782. ISI IF:4.378

[Lumupa ce e:](#)

94. Kolesnikov, S. V."Development of Equipment and Techniques of the Polarimetric Method as an Effective Method Of **1.000** Astrophysical Research I". *Journal Of Physical Studies*, Vol. 23, id. 3901, 2019, @2019 [Линк](#)
95. Rumyantsev, V. V.; Kiselev, N. N.; Ivanova, A. V."CCD Polarimetry of Near-Earth Asteroid 2014 JO25 and Comet 41P/Tuttle-Giacobini-Kresák at the Prime Focus of the 2.6-m Shajn Telescope of the Crimean Astrophysical Observatory". *Solar System Research*, Volume 53, Issue 2, pp.91-97, 2019, @2019

57. Skinner, S. L., **Zhekov, S. A.**, Palla, F., Barbosa, C. L. D.. Chandra X-ray observations of the young stellar cluster NGC 6193 in the Ara OB1 association. *Monthly Notices of the Royal Astronomical Society*, 361, 2005, 191. ISI IF:5.107

[Lumupa ce e:](#)

96. Townsley, Leisa K.; Broos, Patrick S.; Garmire, Gordon P.; Povich, Matthew S., "The Massive Star-forming Regions Omnibus X-ray Catalog, Third Installment", *The Astrophysical Journal Supplement Series*, Volume 244, Issue 2, article id. 28, 44 pp, @2019 [Линк](#)

58. Smith, N., **Zhekov, S.A.**, Heng, K., McCray, R., Morse, J.A., Gladders, M.. The Reverse Shock of SNR 1987A at 18 Years after Outburst. *The Astrophysical Journal*, 635, 1, 2005, L41-L44. ISI IF:5.551

[Lumupa ce e:](#)

97. Larsson, J.; Fransson, C.; Alp, D.; Challis, P.; Chevalier, R. A.; France, K.; Kirshner, R. P.; Lawrence, S.; Leibundgut, B.; Lundqvist, P.; Mattila, S.; Migotto, K.; Sollerman, J.; Sonneborn, G.; Spyromilio, J.; Suntzeff, N. B.; Wheeler, J. C., "The Matter Beyond the Ring: The Recent Evolution of SN 1987A Observed by the Hubble Space Telescope", *The Astrophysical Journal*, Volume 886, Issue 2, article id. 147, 21 pp, @2019 [Линк](#)

59. Meech, K. J.; Ageorges, N.; A'Hearn, F.; Arpigny, C.; Ates, A.; Aycock, J.; Bagnulo, S.; Bailey, J.; Barber, R.; Barrera, L.; Barrera, R.; Bauer, J. M.; Belton, M. J. S.; Bensch, F.; Bhattacharya, B.; Biver, N.; Blake, G.; Bockelée-Morvan, D.; Boehnhardt, H.; Bonev, B. P., **Bonev, T.**, Buie, M. W.; Burton, M. G.; Butner, H. M.; Cabanac, R.; Campbell, R.; Campins, H.; Capria, M. T.; Carroll, T.; Chaffee, F.; Charley, S. B.; Cleis, R.; Coates, A.; Cochran, A.; Colom, P.; Conrad, A.; Coulson, I. M.; Crovisier, J.; deBuizer, J.; Dekany, R.; de Léon, J.; Dello Russo, N.; Delsanti, A.; DiSanti, M.; Drummond, J.; Dundon, L.; Etzel, P. B.; Farnham, T. L.; Feldman, P.; Fernández, R.; Filipovic, D.; Fisher, S.; Fitzsimmons, A.; Fong, D.; Fugate, R.; Fujiwara, H.; Fujiyoshi, T.; Furusho, R.; Fuse, T.; Gibb, E.; Groussin, O.; Gulkis, S.; Gurwell, M.; Hadamcik, E.; Hainaut, O.; Harker, D.; Harrington, D.; Harwit, M.; Hasegawa, S.; Hergenrother, C. W.; Hirst, P.; Hodapp, K.; Honda, M.; Howell, E. S.; Hutsemékers, D.; Iono, D.; Ip, W.-H.; Jackson, W.; Jehin, E.; Jiang, Z. J.; Jones, G. H.; Jones, P. A.; Kadono, T.; Kamath, U. W.; Käufel, H. U.; Kasuga, T.; Kawakita, H.; Kelley, M. S.; Kerber, F.; Kidger, M.; Kinoshita, D.; Knight, M.; Lara, L.; Larson, S. M.; Lederer, S.; Lee, C.-F.; Levasseur-Regourd, A. C.; Li, J. Y.; Li, Q.-S.; Licandro, J.; Lin, Z.-Y.; Lisse, C. M.; LoCurto, G.; Lovell, A. J.; Lowry, S. C.; Lyke, J.; Lynch, D.; Ma, J.; Magee-Sauer, K.; Maheswar, G.; Manfroid, J.; Marco, O.; Martin, P.; Melnick, G.; Miller, S.; Miyata, T.; Moriarty-Schieven, G. H.; Moskovitz, N.; Mueller, B. E. A.; Mumma, M. J.; Muneer, S.; Neufeld, D. A.; Ootsubo, T.; Osip, D.; Pandeia, S. K.; Pantin, E.; Paterno-Mahler, R.; Patten, B.; Penprase, B. E.; Peck, A.; Petitpas, G.; Pinilla-Alonso, N.; Pittichova, J.; Pompei, E.; Prabhu, T. P.; Qi, C.; Rao, R.; Rauer, H.; Reitsema, H.; Rodgers, S. D.; Rodriguez, P.; Ruane, R.; Ruch, G.; Rujopakarn, W.; Sahu, D. K.; Sako, S.; Sakon, I.; Samarasinha, N.; Sarkissian, J. M.; Saviane, I.; Schirmer, M.; Schultz, P.; Schulz, R.; Seitzer, P.; Sekiguchi, T.; Selman, F.; Serra-Ricart, M.; Sharp, R.; Snell, R. L.; Snodgrass, C.; Stallard, T.; Stecklein, G.; Sterken, C.; Stüwe, J. A.; Sugita, S.; Sumner, M.; Suntzeff, N.; Swaters, R.; Takakuwa, S.; Takato, N.; Thomas-Osip, J.; Thompson, E.; Tokunaga, A. T.; Tozzi, G. P.; Tran, H.; Troy, M.; Trujillo, C.; Van Cleve, J.; Vasundhara, R.; Vazquez, R.; Vilas, F.; Villanueva, G.; von Braun, K.; Vora, P.; Wainscoat, R. J.; Walsh, K.; Watanabe, J.; Weaver, H. A.; Weaver, W.; Weiler, M.; Weissman, P. R.; Welsh, W. F.; Wilner, D.; Wolk, S.; Womack, M.; Wooden, D.; Woodney, L. M.; Woodward, C.; Wu, Z.-Y.; Wu, J.-H.; Yamashita, T.; Yang, B.; Yang, Y.-B.; Yokogawa, S.; Zook, A. C.; Zauderer, A.; Zhao, X.; Zhou, X.; Zucconi, J.-M.. Deep Impact: Observations from a Worldwide Earth-Based Campaign. *Science*, 310, 5746, 2005, DOI:10.1126/science.1118978, 265-269. ISI IF:33.611

[Lumupa ce e:](#)

98. Kelley, Michael S. P.; Bodewits, Dennis; Ye, Quanzhi; Ahumada, Tomás; Cromer, John; Dekany, Richard; Helou, George; **0.010** Laher, Russ R.; Masci, Frank J.; Ngeow, Chow-Choong; Rusholme, Ben; Shupe, David L."Outbursts at Comets 46P/Wirtanen, 64P/Swift-Gehrels, and 78P/Gehrels 2 in 2018".*Research Notes of the American Astronomical Society*, Volume 3, Issue 9, article id. 126 (2019), @2019
99. Farnham, Tony L.; Kelley, Michael S. P.; Knight, Matthew M.; Feaga, Lori M."First Results from TESS Observations of Comet **0.010** 46P/Wirtanen". *The Astrophysical Journal Letters*, Volume 886, Issue 2, article id. L24, 6 pp. (2019), @2019

60. Park, S., **Zhekov, S. A.**, Burrows, D. N. McCray, R.. SNR 1987A: Opening the Future by Reaching the Past. *The Astrophysical Journal*, 634, 2005, L73. ISI IF:5.993

[Lumupa ce e:](#)

100. Orlando, S.; Miceli, M.; Petruk, O.; Ono, M.; Nagataki, S.; Aloy, M. A.; Mimica, P.; Lee, S.-H.; Bocchino, F.; Peres, G.; Guarrasi, M., "3D MHD modeling of the expanding remnant of SN 1987A. Role of magnetic field and non-thermal radio emission", 2018, *Astronomy & Astrophysics*, accepted, @2019 [Линк](#) 1.000

61. **Markova, N.**, Puls, J., Scuderi, S., **Markov, H.**. Bright OB stars in the Galaxy. II. Wind variability in O supergiants as traced by H α . *Astronomy and Astrophysics*, 440, 2005, DOI:10.1051/0004-6361:20041774, 1133-1151. ISI IF:4.378

[Лумупа се е:](#)

101. Hirsch, Maria; Hell, Natalie; Grinberg, Victoria; Ballhausen, Ralf; Nowak, Michael A.; Pottschmidt, Katja; Schulz, Norbert S.; Dauser, Thomas; Hanke, Manfred; Kallman, Timothy R.; Brown, Gregory V.; Wilms, Jörn Chandra X-ray spectroscopy of the focused wind in the Cygnus X-1 system. III. Dipping in the low/hard state *Astronomy & Astrophysics*, Volume 626, id.A64, 18 pp., @2019 1.000

62. **Bachev, R., Strigachev, A., Semkov, E.** Short-term optical variability of high-redshift quasi-stellar objects. *Monthly Notices of the Royal Astronomical Society*, 358, 2005, DOI:10.1111/j.1365-2966.2005.08708.x, 774-780. ISI IF:5.107

[Лумупа се е:](#)

102. Ojha, V., Gopal-Krishna; Chand, H., Intra-Night Optical monitoring of three {gamma}-ray detected Narrow-line Seyfert 1 galaxies, 2019, *MNRAS*, 483, 3036, @2019 [Линк](#) 1.000

63. **P. Duchlev, K. Koleva, M. Dechev, J. Kokotaneva, N. Petrov.** Dynamic characteristics of three eruptive prominences. *Aerospace Research in Bulgaria*, No. 20, 2005, ISSN:0861-1432, 176-182

[Лумупа се е:](#)

103. Цветков, Цветан. "Изследване на дестабилизацията и ерупцията на протуберанси/влакна в активни области на Слънцето", Институт по астрономия с НАО, Ръководител: проф. д-р Е. Семков, 2019., @2019 [Линк](#) 1.000

64. Park, S., **Zhekov, S.A.**, Burrows, D. N., Garmire, G. P., McCray, R.. Supernova remnant 1987A: The latest report from the Chandra X-ray Observatory. *Advances in Space Research*, 35, 6, 2005, 991-995. ISI IF:1.401

[Лумупа се е:](#)

104. Orlando, S.; Miceli, M.; Petruk, O.; Ono, M.; Nagataki, S.; Aloy, M. A.; Mimica, P.; Lee, S. -H.; Bocchino, F.; Peres, G.; Guarrasi, M., "3D MHD modeling of the expanding remnant of SN 1987A. Role of magnetic field and non-thermal radio emission", *Astronomy & Astrophysics*, Volume 622, id.A73, 15 pp, @2019 [Линк](#) 1.000

2006

65. **Dimitrov, D., Popov, V.** Variable stars in NSVS database: 86 new variables in the region of the Andromeda Constellation. *Bulgarian Astronomical Journal*, 8, 2006, ISSN:1313-2709, 165-168

[Лумупа се е:](#)

105. Paunzen, E., Bernhard, K., Frauenberger, M., Santiago Helbig, Andreas Herdin, Stefan HGjmmerrich, Jan JanГk, Andreas Karnthaler, Richard KomEsГk, Beatrice Kulterer, et al., "TYC 3637-1152-1 – A high amplitude δ Scuti star with peculiar pulsational properties", *New Astronomy*, Volume 68, Pages 39-44, 2019, @2019 [Линк](#) 1.000

66. Djurašević, G., **Dimitrov, D.**, Arbutina, B., Albayrak, B., Selam, S., Atanacković-V. A Photometric Study of the Contact Binaries: XY Leo, EE Cet and AQ Psc. *Publications of the Astronomical Society of Australia*, 23, 4, 2006, ISSN:1323-3580, DOI:10.1071/AS06016, 154-164. ISI IF:3.245

[Лумупа се е:](#)

106. Kouzuma, Shinjiro, "Starspots in contact and semi-detached binary systems", *Publications of the Astronomical Society of Japan*, Volume 71, Issue 1, 21, 2019, @2019 [Линк](#) 1.000

67. **Zamanov, R.**, Bode, M., Melo, C. H. F., Porter, J., Gomboc, A., **Konstantinova-Antova, R.** Rotational velocities of the giants in symbiotic stars - I. D'-type symbiotics. *Monthly Notices of the Royal Astronomical Society*, 365, 4, Oxford, 2006, DOI:10.1111/j.1365-2966.2005.09808.x, 1215-1219. ISI IF:5

[Лумупа се е:](#)

107. 2019MNRAS.483.5077A A machine learning approach for identification and classification of symbiotic stars using 2MASS and WISE Akras, Stavros; Leal-Ferreira, Marcelo L.; Guzman-Ramirez, Lizette; Ramos-Larios, Gerardo, @2019 1.000

68. **Zhekov, S.A.**, McCray, R., Borkowski, K.J., Burrows, D.N., Park, S.. Chandra LETG Observations of Supernova Remnant 1987A. *The Astrophysical Journal*, 645, 1, 2006, DOI:10.1086/504285, 293-302. ISI IF:5.551

[Лумупа се е:](#)

108. Quirola-Vásquez, J.; Bauer, F. E.; Dwarkadas, V. V.; Badenes, C.; Brandt, W. N.; Nymark, T.; Walton, D., "The exceptional X-ray evolution of SN 1996cr in high resolution", Monthly Notices of the Royal Astronomical Society, Volume 490, Issue 4, p.4536-4564, @2019 [Линк](#) 1.000
69. Park, S., **Zhekov, S. A.**, Burrows, D. N., Garmire, G. P., Racusin, J. L., McCray, R.. Evolutionary Status of SNR 1987A at the Age of Eighteen. The Astrophysical Journal, 646, 2006, 1001. ISI IF:5.993
[Lumupa ce e:](#)
109. Orlando, S.; Miceli, M.; Petruk, O.; Ono, M.; Nagataki, S.; Aloy, M. A.; Mimica, P.; Lee, S.-H.; Bocchino, F.; Peres, G.; Guarrasi, M., "3D MHD modeling of the expanding remnant of SN 1987A. Role of magnetic field and non-thermal radio emission", Astronomy & Astrophysics, Volume 622, id.A73, 15 pp, @2019 [Линк](#) 1.000
110. Orlando, S.; Ono, M.; Nagataki, S.; Miceli, M.; Umeda, H.; Ferrand, G.; Bocchino, F.; Petruk, O.; Peres, G.; Takahashi, K.; Yoshida, T., "Hydrodynamic simulations unravel the progenitor-supernova-remnant connection in SN 1987A", eprint arXiv:1912.03070, @2019 [Линк](#) 1.000
70. Skinner, S., Güdel, M., Schmutz, W., **Zhekov, S. A.** X-ray Observations of Binary and Single Wolf-Rayet Stars with XMM-Newton and Chandra. Astrophysics and Space Science, 304, 2006, 97. ISI IF:2.263
[Lumupa ce e:](#)
111. Ignace, R.; Damrau, Z.; Hole, K. T., "Variability in X-ray line ratios in helium-like ions of massive stars: the wind-driven case", Astronomy & Astrophysics, Volume 625, id.A86, 9 pp, @2019 [Линк](#) 1.000
71. Skinner, S. L. Simmons, A. E., **Zhekov, S. A.**, Teodoro, M., Palla, F.. A Rich Population of X-Ray-emitting Wolf-Rayet Stars in the Galactic Starburst Cluster Westerlund 1. 639, 2006, L35. ISI IF:5.993
[Lumupa ce e:](#)
112. Clark, J. S.; Ritchie, B. W.; Negueruela, I., "A VLT/FLAMES survey for massive binaries in Westerlund 1. VI. Properties of X-ray bright massive cluster members", Astronomy & Astrophysics, Volume 626, id.A59, 9 pp., @2019 [Линк](#) 1.000
72. **Iliev, I. Kh.**, Budaj, J., Fenovcik, M., **Stateva, I. K.**, Richards, M. T.. Abundance analysis of Am binaries and search for tidally driven abundance anomalies - II. HD861, HD18778, HD20320, HD29479, HD96528 and HD108651. Monthly Notices of R.A.S., 370, Cambridge University Press, 2006, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2006.10513.x, 819-827. ISI IF:5.1
[Lumupa ce e:](#)
113. Qin, Li; Luo, A.-Li; Hou, Wen; Li, Yin-Bi; Zhang, Shuo; Wang, Rui; Wang, Li-Li; Kong, Xiao; Han, Jin-Shu, Metallic-line Stars Identified from Low-resolution Spectra of LAMOST DR5, 2019, ApJ Suppl., 242, 13Q, @2019 [Линк](#) 1.000
73. **Daniela K. Kirilova, Mariana P. Panayotova.** Relaxed constraints on neutrino oscillation parameters. JCAP, 0612, 2006, DOI:10.1088/1475-7516/2006/12/014, JCR-IF (Web of Science):6.7
[Lumupa ce e:](#)
114. S. Gariazzo, P. F. de Salas, S. Pastor, Thermalisation of sterile neutrinos in the early Universe in the 3+1 scheme with full mixing matrix, Journal of Cosmology and Astroparticle Physics 2019 (07): 014-014, @2019 1.000
74. Puls, J., **Markova, N.**, Scuderi, S., Stanghellini, C., Taranova, O. G., Burnley, A. W., Howarth, I. D.. Bright OB stars in the Galaxy. III. Constraints on the radial stratification of the clumping factor in hot star winds from a combined H α , IR and radio analysis. Astronomy and Astrophysics, 454, 2006, DOI:10.1051/0004-6361:20065073, 625-651. ISI IF:4.378
[Lumupa ce e:](#)
115. Andrews, H.; Fenech, D.; Prinja, R. K.; Clark, J. S.; Hindson, L. A radio census of the massive stellar cluster Westerlund 1 Astronomy & Astrophysics, Volume 632, id.A38, 28 pp., @2019 1.000
116. Driessen, F. A.; Sundqvist, J. O.; Kee, N. D. Theoretical wind clumping predictions of OB supergiants from line-driven instability simulations across the bi-stability jump Astronomy & Astrophysics, Volume 631, id.A172, 9 pp., @2019 1.000
117. Taani, Ali; Karino, Shigeyuki; Song, Liming; Mardini, Mohammad; Al-Wardat, Mashhoor; Abushattal, Ahmad; Khasawneh, Awni; Al-Naimiy, Hamid On the wind accretion model of GX 301-2 Journal of Physics: Conference Series, Volume 1258, Issue 1, article id. 012029 (2019), @2019 1.000
118. Hirsch, Maria; Hell, Natalie; Grinberg, Victoria; Ballhausen, Ralf; Nowak, Michael A.; Pottschmidt, Katja; Schulz, Norbert S.; Dauser, Thomas; Hanke, Manfred; Kallman, Timothy R.; Brown, Gregory V.; Wilms, Jörn Chandra X-ray spectroscopy of the focused wind in the Cygnus X-1 system. III. Dipping in the low/hard state Astronomy & Astrophysics, Volume 626, id.A64, 18 pp., @2019 1.000
119. Ignace, R.; Damrau, Z.; Hole, K. T. Variability in X-ray line ratios in helium-like ions of massive stars: the wind-driven case Astronomy & Astrophysics, Volume 625, id.A86, 9 pp., @2019 1.000
120. Ignace, R. Asymmetric Shapes of Radio Recombination Lines from Ionized Stellar Winds Revista Mexicana de Astronomía y Astrofísica Vol. 55, pp. 31-38 (2019), @2019 1.000

121. Gormaz-Matamala, Alex C.; Curé, M.; Cidale, L. S.; Venero, R. O. J Self-consistent Solutions for Line-driven Winds of Hot Massive Stars: The m-CAK Procedure The Astrophysical Journal, Volume 873, Issue 2, article id. 131, 16 pp. (2019),. @2019 1.000
122. Massa, Derck; Oskinova, Lida; Prinja, Raman; Ignace, Richard Coordinated UV and X-Ray Spectroscopic Observations of the O-type Giant ξ Per: The Connection between X-Rays and Large-scale Wind Structure The Astrophysical Journal, Volume 873, Issue 1, article id. 81, 12 pp. (2019),. @2019 1.000
123. Buldgen, G. Current problems in stellar evolution, Proceedings of the PHOST conference held in Banyuls, France, eprint arXiv:1902.10399, @2019 1.000
124. Edelmann, P. V. F.; Simón-Díaz, S.; Van Reeth, T.; Buyschaert, B.; Tkachenko, A.; Triana, S. A. Photometric detection of internal gravity waves in upper main-sequence stars. I. Methodology and application to CoRoT targets Astronomy & Astrophysics, Volume 621, id.A135, 41 pp., @2019 1.000
125. Bowman, D. M.; Aerts, C.; Johnston, C.; Pedersen, M. G.; Rogers, T. M.; Edelmann, P. V. F.; Simón-Díaz, S.; Van Reeth, T.; Buyschaert, B.; Tkachenko, A.; Triana, S. A. Photometric detection of internal gravity waves in upper main-sequence stars. I. Methodology and application to CoRoT targets Astronomy & Astrophysics, Volume 621, id.A135, 41 pp., @2019 1.000

75. Bisikalo, D. V., Boyarchuk A. A., Kilpio E. Yu., **Tomov, N. A., Tomova, M. T.** A study of the outburst development in the classical symbiotic star Z And within the colliding-winds model. Astronomy reports, 50, 9, Pleiades Publishing, LTD, 2006, ISSN:1063-7729, DOI:https://doi.org/10.1134/S106377290609006X, 722-732. ISI IF:0.8

Лумура ce e:

126. Munari, U. "The Symbiotic Stars". Invited Review, published in "The Impact of Binary Stars on Stellar Evolution", G. Beccari and M.J. Boffin eds., Cambridge Univ. Press., Cambridge Astrophysical Series vol. 54, p. 77, 2019, doi:10.1017/9781108553070, @2019 [Линк](#) 1.000

2007

76. Tozzi, G. P., Boehnhardt, H., Kolokolova, L., **Bonev, T.**, Pompei, E., Bagnulo, S., Ageorges, N., Barrera, L., Hainaut, O., Käufel, H. U., Kerber, F., Locurto, G., Marco, O., Pantin, E., Rauer, H., Saviane, I., Sterken, C., Weiler, M.. Dust observations of Comet 9P/Tempel 1 at the time of the Deep Impact. Astronomy and Astrophysics, 476, 2007, DOI:10.1051/0004-6361:20077615, 979-988. ISI IF:0.922

Лумура ce e:

127. Berezhnoy, A. A.; Velikodsky, Yu. I.; Zubko, E.; Iten, M.; Lena, R.; Sposetti, S.; Tereshchenko, A. A.; Popel, S. I.; Feoktistova, E. A.; Golub', A. P. "Detection of impact-produced dust clouds near the lunar terminator". Planetary and Space Science, Volume 177, article id. 104689., @2019 1.000

77. **Dimitrov, D., Popov, V.** Variable Stars in NSVS Database I. 86 New Variables in Andromeda. Peremennye Zvezdy, 27, 2, 2007, ISSN:2221-0474, 1-13

Лумура ce e:

128. Bódi, A., Kiss, L. L., "Physical Properties of Galactic RV Tauri Stars from Gaia DR2 Data", The Astrophysical Journal, 872, 1, 60, 2019, @2019 [Линк](#) 1.000
129. Paunzen, E., Bernhard, K., Frauenberger, M., Helbig, S., Herdin, A., Hümmerich, S., Janik, J., Kamthaler, A., Komžik, R., Kulterer, B., et al., "TYC 3637-1152-1 – A high amplitude δ Scuti star with peculiar pulsational properties", New Astronomy, 68, 39 - 44, 2019, @2019 [Линк](#) 1.000
130. Bódi, Attila, "RV Tauri-típusú pulzáló változócsillagok vizsgálata az űrtávcsövek korszakában", Ph.D. értekezés SZEGEDI TUDOMÁNYEGYETEM TERMÉSZETTUDOMÁNYI ÉS INFORMATIKAI KAR FIZIKA DOKTORI ISKOLA, @2019 [Линк](#) 1.000

78. Böttcher, M., Basu, S.; Joshi, M.; Villata, M.; Arai, A.; Aryan, N., Asfandiyarov, I. M.; Bach, U.; **Bachev, R.**, Berduygina, A.; Blaek, M.; Buemi, C.; Castro-Tirado, A. J., De Ugarte Postigo, A.; Frasca, A.; Fuhrmann, L., Hagen-Thorn, V. A.; Henson, G.; Hovatta, T.; Hudec, R., Ibrahimov, M.; Ishii, Y.; Ivanidze, R.; Jelínek, M., Kamada, M.; Kapanadze, B.; Katsuura, M.; Kotaka, D., Kovalev, Y. Y.; Kovalev, Yu. A.; Kubánek, P.; Kurosaki, M., Kurtanidze, O.; Lähteenmäki, A.; Lanteri, L.; Larionov, V., Larionova, L.; Lee, C.-U.; Leto, P.; Lindfors, E., Marilli, E.; Marshall, K.; Miller, H. R.; Mingaliev, M. G., Mirabal, N.; Mizoguchi, S.; Nakamura, K.; Nieppola, E., Nikolashvili, M.; Nilsson, K.; Nishiyama, S.; Ohlert, J., Osterman, M. A.; Pak, S.; Pasanen, M.; Peters, C. S., Pursimo, T.; Raiteri, C. M.; Robertson, J.; Robertson, T., Ryle, W. T.; Sadakane, K.; Sadun, A.; Sigua, L., Sohn, B.-W., **Strigachev, A.**, Sumitomo, N.; Takalo, L. O.; Tamesue, Y.; Tanaka, K., Thorstensen, J. R.; Tosti, G.; Triglilio, C.; Umana, G., Vennes, S.; Vitek, S.; Volvach, A.; Webb, J.; Yamanaka, M., Yim, H.-S.. The WEBT Campaign on the Blazar 3C 279 in 2006. The Astrophysical Journal, 670, 2, 2007, 968-977. ISI IF:5.993

Лумура ce e:

131. Marchesini, E. J.; Paggi, A.; Massaro, F.; Masetti, N.; D'Abrusco, R.; Andruchow, I.; de Menezes, R.; "The γ -ray sky seen at X-ray energies. I. Searching for the connection between X-rays and γ -rays in Fermi BL Lac objects", 2019, A&A, .631, A150, @2019 1.000
132. Agarwal, A., Cellone, S. A.; Andruchow, I., Mammama, L., Singh, M., Anupama, G. C., Mihov, B.; Raj, A., Slavcheva-Mihova, L.; Özdönmez, A., Ege, E., "Multiband optical variability of 3C 279 on diverse time-scales", 2019, MNRAS, 488, 4093, @2019 1.000

133. Shah, Z., Jithesh, V.; Sahayanathan, S.; Misra, R., Iqbal, N., "Study on temporal and spectral behaviour of 3C 279 during 2018 January flare", 2019, MNRAS, 484, 3168, @2019 1.000
79. Zhilyaev, B., Romaniuk, Ya., Svyatogorov, O., Verlyuk, I., Kaminsky, B., Andreev, M., Gershberg, R., Lovkaya, M., Avgoloupis, S., Seiradakis, J., Contadakis, M., **Antov, A., Konstantinova-Antova, R., Bogdanovski, R.** Fast Colorimetry of the Flare Star EV Lacertae from UBVRI Observations in 2004. Astronomy and Astrophysics, 465, EDP Sciences, 2007, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201424579, 235. SJR:1.905, ISI IF:4.449
- [Lumupa ce e:](#)
134. Kowalski, Adam F.; Wisniewski, John P.; Hawley, Suzanne L.; Osten, Rachel A.; Brown, Alexander; Fariña, Cecilia; Valenti, Jeff A.; Brown, Stephen; Xilouris, Manolis; Schmidt, Sarah J.; Johns-Krull, Christopher The Near-ultraviolet Continuum Radiation in the Impulsive Phase of HF/GF-type dMe Flares. I. Data, ApJ, 871, 167, @2019 1.000
80. Boehnhardt, H, Pompei, E, Tozzi, G. P., Hainaut, O., Ageorges, N., Bagnulo, S., Barrera, L., **Bonev, T**, Käufli, H. U., Kerber, F., Locurto, G, Marco, O., Pantin, E., Rauer, H., Saviane, I., Selman, F., Sterken, C., Weiler, M.. Broad- and narrowband visible imaging of comet 9P/Tempel 1 at ESO around the time of the Deep Impact event. Astronomy and Astrophysics, 470, 3, 2007, 1175-1183. JCR-IF (Web of Science):6.2
- [Lumupa ce e:](#)
135. Vincent, Jean-Baptiste; Farnham, Tony; Kührt, Ekkehard; Skorov, Yuri; Marschall, Raphael; Oklay, Nilda; El-Maarry, Mohamed Ramy; Keller, Horst Uwe."Local Manifestations of Cometary Activity". Space Science Reviews, Volume 215, Issue 4, article id. 30, 27 pp., @2019 [Линк](#)
81. Sulentic, Jack W., **Bachev, R**, Marziani, Paola; Negrete, C. Alenka; Dultzin, Deborah. C IV λ 1549 as an Eigenvector 1 Parameter for Active Galactic Nuclei. The Astrophysical Journal, 666, 2, 2007, 757-777. ISI IF:5.993
- [Lumupa ce e:](#)
136. Wildy, Conor; Czerny, Bożena; Panda, Swayamrupa; 2019, A&A...632A..41; Quasar main sequence: A line or a plane, @2019 1.000
137. Nardini, E.; Lusso, E.; Bisogni, S., "Towards an informed quest for accretion disc winds in quasars: the intriguing case of Ton 28" 2019, MNRAS, 482, L 134, @2019 1.000
138. Trakhtenbrot, Benny; Arcavi, Iair; MacLeod, Chelsea L.; Ricci, Claudio; Kara, Erin; Graham, Melissa L.; Stern, Daniel; Harrison, Fiona A.; Burke, Jamison; Hiramatsu, Daichi; Hosseinzadeh, Griffin; Howell, D. Andrew; Smartt, Stephen J.; Rest, Armin; Prieto, Jose L.; Shappee, Benjamin J.; Holoien, Thomas W. -S.; Bersier, David; Filippenko, Alexei V.; Brink, Thomas G.; Zheng, WeiKang; Li, Ruancun; Remillard, Ronald A.; Loewenstein, Michael; 1ES 1927+654: An AGN Caught Changing Look on a Timescale of Months; 2019, ApJ, 883, 94T, @2019 1.000
139. Coatman, Liam; Hewett, Paul C.; Banerji, Manda; Richards, Gordon T.; Hennawi, Joseph F.; Prochaska, J. Xavier; 2019, MNRAS.486.5335, @2019 1.000
82. Panov, K., **Dimitrov, D.** Long-term photometric study of FK Comae Berenices and HD 199178. Astronomy and Astrophysics, 467, 1, EDP Sciences, 2007, ISSN:0004-6361, DOI:10.1051/0004-6361:20065596, 229-235. SJR:1.905, ISI IF:4.378
- [Lumupa ce e:](#)
140. Savanov, I. S., "KIC7739728—A New FK Com-Type Star Candidate", Astrophys. Bull. (2019) 74: 288., @2019 [Линк](#) 1.000
141. Hackman, T., Ilyin, I., Lehtinen, J. J., Kochukhov, O., Käpylä, M. J., Piskunov, N., Willamo, T., "Starspot activity of HD 199178. Doppler images from 1994-2017", Astronomy & Astrophysics, Volume 625, id.A79, 10 pp., 2019, @2019 [Линк](#) 1.000
83. Kokotanekova J., **Petrov N., Duchlev P.** Preliminary Results for Corona Polarization during Total Solar Eclipse on March 29, 2006, Observed in Side, Turkey. Heron Press Ltd, 2007, 224-231
- [Lumupa ce e:](#)
142. V. L. Merzlyakov, Ts. Tsvetkov, L. I. Starkova, R. Miteva. "Polarization of the White-Light Solar Corona and Sky Polarization Effect during Total Solar Eclipse on March 29, 2006". Serbian Astronomical Journal. arXiv e-prints., @2019 1.000
84. **Petrov, Nikola, Duchlev, Peter**, Rompolt, Bogdan, Rudawy, Pawel. Fine structure and Alfvén string-mode oscillations of a quiescent prominence. v. 9, Bulgarian Astronomical Journal, 2007, 93-97. SJR:0.16, ISI IF:0.15
- [Lumupa ce e:](#)
143. Ivan Myshyakov and Tsvetan Tsvetkov. "Comparison of Kinematics of Solar Eruptive Prominences and Spatial Distribution of the Magnetic Decay Index". ApJ – accepted (in press), 2019, @2019 1.000
85. Zverko, J., Žižnovský, J., Mikulášek, Z., **Iliev, I. Kh.** Radial velocity determination by CCF using a synthetic spectrum as the template and detecting component spectra in SB1 binaries. Contributions of the Astronomical Observatory Skalnaté Pleso, 37, 1, 2007, ISSN:1335-1842, 49-62. ISI IF:0.6
- [Lumupa ce e:](#)

144. Krtićka, J.; Janík, J.; Krtićková, I.; Mereghetti, S.; Pintore, F.; Németh, P.; Kubát, J.; Vučković, M. "Hot subdwarf wind models with accurate abundances. I. Hydrogen dominated stars HD 49798 and BD+18°2647", 2019, A&A, 631A, 75K, @2019 [Линк](#) 1.000

86. Raiteri, C. M., Villata, M., Larionov, V. M., Pursimo, T., Ibrahimov, M. A., Nilsson, K., Aller, M. F., Kurtanidze, O. M., Foschini, L., Ohlert, J., Papadakis, I. E., Sumitomo, N., Volvach, A., Aller, H. D., Arkharov, A. A., Bach, U., Berdyugin, A., Bottcher, M., Buemi, C. S., Calciolone, P., Charlot, P., Delgado Sanchez, A. J., Di Paola, A., Djupvik, A. A., Dolci, M., Efimova, N. V., Fan, J. H., Forne, E., Gomez, C. A., Gupta, A. C., Hagen-Thorn, V. A., Hooks, L., Hovatta, T., Ishii, Y., Kamada, M., Konstantinova, N., Kopatskaya, E., Kovalev, Yu. A., Kovalev, Y. Y., Lahteenmaki, A., Lanteri, L., Le Campion, J.-F., Lee, C.-U., Leto, P., Lin, H.-C., Lindfors, E., Mingaliev, M. G., Mizoguchi, S., Nicastro, F., Nikolashvili, M. G., Nishiyama, S., Ostman, L., Ovcharov, E., Paakkonen, P., Pasanen, M., Pian, E., Rector, T., Ros, J. A., Sadakane, K., Selj, J. H., **Semkov, E.**, Sharapov, D., Somero, A., Stanev, I., **Strigachev, A.**, Takalo, L., Tanaka, K., Tavani, M., Tornainen, I., Tornikoski, M., Triglio, C., Umama, G., Vercellone, S., Valcheva, A., Volvach, L., Yamanaka, M. WEBT and XMM-Newton observations of 3C 454.3 during the post-outburst phase. Detection of the little and big blue bumps. Astronomy & Astrophysics, 473, 2007, DOI:10.1051/0004-6361:20078289, 819-827. ISI IF:4.378

Lumupa ce s:

145. Agarwal, A., Cellone, S. A., Andruchow, I., Mammana, L., Singh, M., Anupama, G. C., Mihov, B., Raj, A., Slavcheva-Mihova, L., Å-zdönmez, A., Ege, E., Multi-band optical variability of 3C 279 on diverse timescales, 2019, MNRAS, 488, 4093–4105, @2019 [Линк](#) 0.053

87. Skopal, A., Vanko, M., Pribulla, T., Chochol, D., **Semkov, E.**, Wolf, M., Jones, A.. Recent photometry of symbiotic stars. Astronomische Nachrichten, 328, 2007, 909-916. ISI IF:0.956

Lumupa ce s:

146. Merc, J., Gális, R., Wolf, M., Leedjäv, L., Teyssier, F., The activity of the symbiotic binary Z Andromedae and its latest outburst, 2019, Proc. of the 50th Conf. on Variable Stars Research, vol. 197, Brno, Czech Republic, ed. R. Kocián, p. 23, @2019 [Линк](#) 1.000

88. Netopil, M., Paunzen, E., Maitzen, H. M., Pintado, O., Claret, A., Miranda, L. F., **Iliev, I. Kh.**, Casanova, V.. CCD photometric search for peculiar stars in open clusters. VIII. King 21, NGC 3293, NGC 5999, NGC 6802, NGC 6830, Ruprecht 44, Ruprecht 115, and Ruprecht 120. Astronomy and Astrophysics, 462, EDP Sciences, 2007, ISSN:0004-6361, DOI:10.1051/0004-6361:20066076, 591-597. ISI IF:4.378

Lumupa ce s:

147. Ferreira, Filipe A.; Santos, J. F. C.; Corradi, W. J. B.; Maia, F. F. S.; Angelo, M. S. Three new Galactic star clusters discovered in the field of the open cluster NGC 5999 with Gaia DR2, 2019, MNRAS, 483, 5508F, @2019 [Линк](#) 1.000

89. **Tomov, N.A., Tomova, M.T.**, Bisikalo, D.V.. Bipolar ejection by the symbiotic binary system Z And during its 2006 outburst. MNRAS, 376, 1, 2007, ISSN:1745-3925, DOI:10.1111/j.1745-3933.2007.00277.x, L16-L19. ISI IF:5

Lumupa ce s:

148. Merc, J., Gális, R., Wolf, M., Leedjäv, L., Teyssier, F. "The activity of the symbiotic binary Z Andromedae and its latest outburst". Proceedings of the 50th Conference on Variable Stars Research, Brno, Czech Republic; published in Open European Journal on Variable Stars 197, 23, 2019, @2019 [Линк](#) 1.000

2008

90. **Bonev, T., Boehnhardt, H., Borisov, G.** Broadband imaging and narrowband polarimetry of comet 73P/Schwassmann-Wachmann 3, components B and C, on 3, 4, 8, and 9 May 2006. Astronomy and Astrophysics, 480, 2008, DOI:10.1051/0004-6361:20078527, 277-287. ISI IF:4.378

Lumupa ce s:

149. Kwon, Yuna G.; Ishiguro, Masateru; Kwon, Jungmi; Kuroda, Daisuke; Im, Myungshin; Choi, Changsu; Tamura, Motohide; Nagayama, Takahiro; Kawai, Nobuyuki; Watanabe, Jun-Ichi."Near-infrared polarimetric study of near-Earth object 252P/LINEAR: an implication of scattered light from the evolved dust particles".Astronomy & Astrophysics, Volume 629, id.A121, 16 pp., @2019 [Линк](#) 1.000

91. Auriere, M., **Konstantinova-Antova, R.**, Petit, P., Charbonnel, C., Bintrans, B., Ligniers, F., Roudiger, T., Alecian, E., Donati, J.-F., Wade, G.. EK Eri: the tip of the iceberg of giants which have evolved from magnetic Ap stars. Astronomy and Astrophysics, 491, EDP Sciences, 2008, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201424579, 499. SJR:1.905, ISI IF:4.449

Lumupa ce s:

150. Bonanno, A.; Corsaro, E.; Del Sordo, F.; Pallé, P. L.; Stello, D.; Hon, M. Acoustic oscillations and dynamo action in the G8 sub-giant EK Eridani, A&A, 628, 106, @2019 1.000

92. Dewey, D., **Zhekov, S.A.**, McCray, R., Canizares, C. R.. Chandra HETG Spectra of SN 1987A at 20 Years. The Astrophysical Journal, 676, 2, 2008, L131. ISI IF:5.551

Цумура се е:

151. Miceli, Marco; Orlando, Salvatore; Burrows, David N.; Frank, Kari A.; Argiroffi, Costanza; Reale, Fabio; Peres, Giovanni; Petruk, Oleh; Bocchino, Fabrizio, "Collisionless shock heating of heavy ions in SN 1987A", *Nature Astronomy*, Volume 3, p. 236-241, @2019 [Линк](#) 1.000
152. Lopez, Laura; Williams, Brian J.; Safi-Harb, Samar; Park, Sangwook; Plucinsky, Paul P.; Pooley, David; Temim, Tea; Auchettl, Katie; Badenes, Carles; Bamba, Aya; Castro, Daniel; Garofali, Kristen; Leahy, Denis; Slane, Patrick; Vink, Jacco; Williams, Benjamin F.; Wheeler, Craig J., "Supernova Remnants in High Definition", *Astro2020: Decadal Survey on Astronomy and Astrophysics*, science white papers, no. 454; *Bulletin of the American Astronomical Society*, Vol. 51, Issue 3, id. 454, @2019 [Линк](#) 1.000
153. Alp, Dennis; Larsson, Josefin; Maeda, Keiichi; Fransson, Claes; Wongwathanarat, Annap; Gabler, Michael; Janka, Hans-Thomas; Jerkstrand, Anders; Heger, Alexander; Menon, Athira, "X-Ray and Gamma-Ray Emission from Core-collapse Supernovae: Comparison of Three-dimensional Neutrino-driven Explosions with SN 1987A", *The Astrophysical Journal*, Volume 882, Issue 1, article id. 22, 19 pp, @2019 [Линк](#) 1.000
154. Quirola-Vásquez, J.; Bauer, F. E.; Dwarkadas, V. V.; Badenes, C.; Brandt, W. N.; Nymark, T.; Walton, D., "The exceptional X-ray evolution of SN 1996cr in high resolution", *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 4, p.4536-4564, @2019 [Линк](#) 1.000

93. Semkov, E. H., Peneva, S. P.. BVR_cl_c Photometric Observations of V733 Cep (Persson's Star). *Information Bulletin on Variable Stars*, 5831, 2008, SJR:0.1

Цумура се е:

155. Postel, A., Audard, M., Vorobyov, E., Dionatos, O., Rab, C., Güdel, M., Infrared and sub-mm observations of outbursting young stars with Herschel and Spitzer, 2019, *A&A*, 631, A30, @2019 [Линк](#) 1.000

94. Zamanov, R. K., Bode, M. F., Melo, C. H. F., Stateva, I. K., Bachev, R., Gomboc, A., Konstantinova-Antova, R., Stoyanov, K. A.. Rotational velocities of the giants in symbiotic stars - III. Evidence of fast rotation in S-type symbiotics. *Monthly Notices of the Royal Astronomical Society*, 390, 2008, 377. SJR:2.87, ISI IF:4.9

Цумура се е:

156. Akras, S. Guzman-Ramirez, L. Leal-Ferreira, M. L., Ramos-Larios, G.: 2019, *ApJS* 240, 21 – A Census of Symbiotic Stars in the 2MASS, WISE, and Gaia Surveys, @2019 1.000
157. Akras, S., Leal-Ferreira, M. L., Guzman-Ramirez, L., Ramos-Larios, G.: 2019, *MNRAS* 483, 5077 - A machine learning approach for identification and classification of symbiotic stars using 2MASS and WISE, @2019 1.000

95. Raiteri, C. M., Villata, M., Chen, W. P., Hsiao, W.-S., Kurtanidze, O. M., Nilsson, K., Larionov, V. M., Gurwell, M. A., Agudo, I., Aller, H. D., Angelakis, E., Arkharov, A. A., Bach, U., Böttcher, M., Buemi, C. S., Calciolone, P., Charlot, P., D'Ammando, F., Donnarumma, I., Forné, E., Frasca, A., Fuhrmann, L., Gómez, J. L., Hagen-Thorn, V. A., Jorstad, S. G., Kimeridze, G. N., Krichbaum, T. P., Lähteenmäki, A., Lanteri, L., Latev, G., Le Campion, J.-F., Lee, C.-U., Leto, P., Lin, H.-C., Marchili, N., Marilli, E., Marscher, A. P., Nesci, R., Nieppola, E., Nikolashvili, M. G., Ohlert, J., Ovcharov, E., Principe, D., Pursimo, T., Ragozzine, B., Sadun, A. C., Sigua, L. A., Smart, R. L., Strigachev, A., Takalo, L. O., Tavani, M., Thum, C., Tornikoski, M., Triglio, C., Uckert, K., Umama, G., Valcheva, A., Vercellone, S., Volvach, A., Wiesemeyer, H.. The high activity of 3C 454.3 in autumn 2007. Monitoring by the WEBT during the AGILE detection. *Astronomy and Astrophysics*, 485, 2, 2008, DOI:10.1051/0004-6361:200809995, L17-L20. ISI IF:4.378

Цумура се е:

158. Sarkar, A., Chitnis, V. R., Gupta, A. C., Gaur, H., Patel, S.R., Wiita, P. J., Volvach, A. E., Tornikoski, M., Chamani, W., Enestam, S., Lähteenmäki, A., Tammi, J., Vera, R. J. C., Volvach, L. N., Long-term Variability and Correlation Study of the Blazar 3C 454.3 in the Radio, NIR, and Optical Wavebands, 2019, *ApJ*, 887, 185, @2019 1.000
159. Tavani, M., Ten years of AGILE: the mission and scientific highlights, 2019, *Rendiconti Lincei*, 30, 13-50, @2019 [Линк](#) 1.000

96. Maciejewski, G., Boeva, S., Georgiev, Ts., Mihov, B., Ovcharov, E., Valcheva, A., Niedzielski, A.. Photometric Study of Open Clusters NGC 2266 and NGC 7762. *Baltic Astronomy*, 17, Institute of Theoretical Physics and Astronomy of Vilnius University (Lithuania) and the Lithuanian Astronomical Union., 2008, ISSN:1392-0049, 51-65. ISI IF:0.919

Цумура се е:

160. Reddy, Arumalla B. S.; Lambert, David L. "Comprehensive abundance analysis of red giants in the open clusters Stock 2, NGC 2168, 6475, 6991, and 7762". *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 3, p.3623-3641, @2019 [Линк](#) 1.000

97. Mikulásek, Z., Krťicka, J., Henry, G. W., Zverko, J., Ziznovský, J., Bohlender, D., Romanyuk, I. I., Janík, J., Iliev, I. Kh., Skoda, P., Slechta, M., Gráf, T., Netolický, M., Ceniga, M.. The extremely rapid rotational braking of the magnetic helium-strong star HD37776. *Astronomy and Astrophysics*, 485, EDP Sciences, 2008, ISSN:0004-6361, DOI:10.1051/0004-6361:20077794, 585-597. ISI IF:4.378

Цумура се е:

161. Shultz, M. E.; Wade, G. A.; Rivinius, Th; Alecian, E.; Neiner, C.; Petit, V.; Owocki, S.; ud-Doula, A.; Kochukhov, O.; Bohlender, D.; Keszthelyi, Z.; MiMeS Collaboration; BinaMlcS Collaboration, "The magnetic early B-type stars - III. A main-sequence magnetic, rotational, and magnetospheric biography", 2019, MNRAS, 490, 274S, @2019 [Линк](#) 1.000

98. Markova, N., Puls, J.. Bright OB stars in the Galaxy. IV. Stellar and wind parameters of early to late B supergiants. *Astronomy and Astrophysics*, 478, 2008, DOI:10.1051/0004-6361/20077919, 823-842. ISI IF:4.378

Lumupa ce e:

162. Driessen, F. A.; Sundqvist, J. O.; Kee, N. D. Theoretical wind clumping predictions of OB supergiants from line-driven instability simulations across the bi-stability jump *Astronomy & Astrophysics*, Volume 631, id.A172, 9 pp., @2019 1.000
163. Shultz, M. E.; Wade, G. A.; Rivinius, Th; Alecian, E.; Neiner, C.; Petit, V.; Owocki, S.; ud-Doula, A.; Kochukhov, O.; Bohlender, D.; Keszthelyi, Z.; MiMeS Collaboration; BinaMlcS Collaboration The magnetic early B-type stars - III. A main-sequence magnetic, rotational, and magnetospheric biography *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 1, p.274-295, @2019 1.000
164. Kobulnicky, Henry A.; Chick, William T.; Povich, Matthew S. Mass-loss Rates for O and Early B Stars Powering Bow Shock Nebulae: Evidence for Bistability Behavior *The Astronomical Journal*, Volume 158, Issue 2, article id. 73, 25 pp. (2019), @2019 1.000
165. Shenar, T.; Sablowski, D. P.; Hainich, R.; Todt, H.; Moffat, A. F. J.; Oskinova, L. M.; Ramachandran, V.; Sana, H.; Sander, A. A. C.; Schnurr, O.; St-Louis, N.; Vanbeveren, D.; Götzberg, Y.; Hamann, W. -R. The Wolf-Rayet binaries of the nitrogen sequence in the Large Magellanic Cloud. Spectroscopy, orbital analysis, formation, and evolution *Astronomy & Astrophysics*, Volume 627, id.A151, 68 pp., @2019 1.000
166. Dufton, P. L.; Evans, C. J.; Hunter, I.; Lennon, D. J.; Schneider, F. R. N.A census of massive stars in NGC 346. Stellar parameters and rotational velocities *Astronomy & Astrophysics*, Volume 626, id.A50, 28 pp., @2019 1.000
167. Kobulnicky, Henry A.; Chick, William T.; Povich, Matthew S. Mass-loss rates for O and early B stars powering bowshock nebulae: evidence for bi-stability behavior, 2019, ApJ eprint arXiv:1906.01201, @2019 1.000
168. Gagnier, D.; Rieutord, M.; Charbonnel, C.; Putigny, B.; Espinosa Lara, F. Evolution of rotation in rapidly rotating early-type stars during the main sequence with 2D models *Astronomy & Astrophysics*, Volume 625, id.A89, 11 pp., @2019 1.000
169. Gagnier, D.; Rieutord, M.; Charbonnel, C.; Putigny, B.; Espinosa Lara, F. Critical angular velocity and anisotropic mass loss of rotating stars with radiation-driven winds *Astronomy & Astrophysics*, Volume 625, id.A88, 14 pp., @2019 1.000
170. Gormaz-Matamala, Alex C.; Curé, M.; Cidale, L. S.; Venero, R. O. J. Self-consistent Solutions for Line-driven Winds of Hot Massive Stars: The m-CAK Procedure *The Astrophysical Journal*, Volume 873, Issue 2, article id. 131, 16 pp., @2019 1.000
171. Haid, S.; Walch, S.; Seifried, D.; Wünsch, R.; Dinnbier, F.; Naab, T. SILCC-Zoom: The early impact of ionizing radiation on forming molecular clouds *Monthly Notices of the Royal Astronomical Society*, Volume 482, Issue 3, p.4062-4083, @2019 1.000

99. Percy, J. R., Palaniappan, R., Seneviratne, R., Adelman, S. J., Markova, N.. Photometric Variability of the B8Iae Supergiant Variable HD199478 (HR8020). *Publications of the Astronomical Society of the Pacific*, 120, 2008, ISSN:0004-6280, DOI:10.1086/529410, 311-316. ISI IF:2.655

Lumupa ce e:

172. Ismailov, N. Z.; Ismayilova, Sh K. High-velocity absorption and emission in the spectrum of supergiant HD 199478 *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 3, p.3558-3568, @2019 1.000

100. Larionov, V. M., Jorstad, S. G.; Marscher, A. P., Raiteri, C. M.; Villata, M.; Agudo, I.; Aller, M. F., Arkharov, A. A.; Asfandiyarov, I. M.; Bach, U., Bachev, R., Berdyugin, A.; Böttcher, M.; Buemi, C. S.; Calciolase, P., Carosati, D.; Charlot, P.; Chen, W.-P.; di Paola, A., Dolci, M.; Dogru, S.; Doroshenko, V. T.; Efimov, Yu. S.; Erdem, A.; Frasca, A.; Fuhrmann, L.; Giommi, P., Glowienka, L.; Gupta, A. C.; Gurwell, M. A., Hagen-Thorn, V. A.; Hsiao, W.-S.; Ibrahimov, M. A.; Jordan, B.; Kamada, M.; Konstantinova, T. S., Kopatskaya, E. N.; Kovalev, Y. Y.; Kovalev, Y. A., Kurtanidze, O. M.; Lähteenmäki, A.; Lanteri, L., Larionova, L. V.; Leto, P.; Le Campion, P.; Lee, C.-U.; Lindfors, E.; Marilli, E.; McHardy, I.; Mingaliev, M. G.; Nazarov, S. V.; Nieppola, E.; Nilsson, K.; Ohlert, J., Pasanen, M.; Porter, D.; Pursimo, T.; Ros, J. A., Sadakane, K.; Sadun, A. C.; Sergeev, S. G.; Smith, N., Strigachev, A., Sumitomo, N.; Takalo, L. O.; Tanaka, K.; Triggilio, C., Umana, G.; Ungerechts, H.; Volvach, A.; Yuan, W.. Results of WEBT, VLBA and RXTE monitoring of 3C 279 during 2006-2007. *Astronomy and Astrophysics*, 492, 2, 2008, 389-400. ISI IF:4.378

Lumupa ce e:

173. Patiño-Álvarez, V. M.; Dzib, S. A.; Lobanov, A.; Chavushyan, V., "Is there a non-stationary γ -ray emission zone 42 pc from the 3C 279 core?", 2019, A&A, 630, A56, @2019 1.000
174. Beaklini, P. P. B., Dominici, T. P., Abraham, Z., Motter, J. C., "Multiwavelength analysis of brightness variations of 3C 279: probing the relativistic jet structure and its evolution", 2019, A&A, 626, A78, @2019 1.000
175. Shah, Z., Jithesh, V., Sahayanathan, S.; Misra, R., Iqbal, N., "Study on temporal and spectral behaviour of 3C 279 during 2018 January flare", 2019, MNRAS, 484, 3168S, @2019 1.000
176. Qian, S. J.; Britzen, S.; Krichbaum, T. P.; Witzel, A., "Possible evidence of a supermassive black hole binary with two radio jets in blazar 3C279", 2019, A&A, 621, A11, @2019 1.000

101. **Markova, N.**, Prinja, R. K, **Markov, H.**, Kolka, I., Morrison, N., Percy, J., Adelman, S.. Wind structure of late B supergiants. I. Multi-line analyses of near-surface and wind structure in HD 199 478 (B8 Iae). *Astronomy and Astrophysics*, 487, 2008, DOI:10.1051/0004-6361:200809376, 211-221. ISI IF:4.378

[Lumupa ce e:](#)

177. Ismailov, N. Z.; Ismayilova, Sh K. High-velocity absorption and emission in the spectrum of supergiant HD 199478 Monthly Notices of the Royal Astronomical Society, Volume 485, Issue 3, p.3558-3568, @2019 1.000

102. **Konstantinova-Antova, R.**, Auriere, M., **Iliev, I. Kh.**, Cabanac, R.; Donati, J.-F., Mouillet, D.; Petit, P.. Direct detection of a magnetic field at the surface of V390 Aurigae - an effectively single active giant. *Astronomy and Astrophysics*, 480, EDP Sciences, 2008, ISSN:0004-6361, DOI:10.1051/0004-6361:20078315, 475-479. ISI IF:4.75

[Lumupa ce e:](#)

178. Yang, Huiqin; Liu, Jifeng, The Flare Catalog and the Flare Activity in the Kepler Mission, 2019, *ApJ Suppl.*, 241, 1.000 29Y, @2019 [Линк](#)

2009

103. Auriere, M., Wade, G., **Konstantinova-Antova, R.**, Charbonnel, C., Catala, C., Weiss, W., Roudiger, T., Petit, P., Donati, J.-F., Alecian, E., Cabanac, R. Discovery of a weak magnetic field in the photosphere of the single giant Pollux. *Astronomy and Astrophysics*, 504, EDP Sciences, 2009, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201424579, 231. SJR:1.905, ISI IF:4.449

[Lumupa ce e:](#)

179. Islam, Safiqul; Datta, Satadal; Das, Tapas K. A parametric model to study the mass-radius relationship of stars, *Prama*, 92, 43, @2019 1.000

180. Yasuda, Yuki; Suzuki, Takeru K.; Kozasa, Takashi Alfvén Wave-driven Wind from RGB and AGB Stars, *ApJ*, 879, 77, @2019 1.000

104. Petit, P., Dintrans, B., Morgenthaler, A., van Grootel, V., Morin, J., Lanoux, J., Auriere, M., **Konstantinova-Antova, R.** A polarity reversal in the large-scale magnetic field of the rapidly rotating sun HD 190771. *Astronomy and Astrophysics*, 508, EDP Sciences, 2009, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201424579, 9. SJR:1.905, ISI IF:4.449

[Lumupa ce e:](#)

181. Linsky, Jeffrey Host Stars and their Effects on Exoplanet Atmospheres, *LNP*, 955, @2019 1.000

182. Finley, Adam J.; See, Victor; Matt, Sean P. The Effect of Magnetic Variability on Stellar Angular Momentum Loss. II. The Sun, 61 Cygni A, ϵ Eridani, ξ Bootis A, and τ Bootis A, *ApJ*, 876, 44, @2019 1.000

105. Maciejewski, G., **Mihov, B.**, **Georgiev, Ts.** The open cluster Berkeley 53. *Astronomische Nachrichten*, 330, 8, Wiley, 2009, ISSN:ISSN:0004-6337, DOI:10.1002/asna.200911247, 851-856. ISI IF:0.922

[Lumupa ce e:](#)

183. Elsanhoury, W. H.; Amin, M. Y. "Photometric Analysis of Newly Discovered Open Clusters SAI 24 and SAI 94 Based on PPMXL Catalogue". *Serbian Astronomical Journal*, vol. 198, pp. 45-53, @2019 [Линк](#) 1.000

184. Casali, G.; Magrini, L.; Tognelli, E. and 51 more. "The Gaia-ESO survey: Calibrating a relationship between age and the [C/N] abundance ratio with open clusters". *Astronomy & Astrophysics*, Volume 629, id.A62, 26 pp., @2019 [Линк](#) 1.000

106. **Zhekov, S. A.**, McCray, R., Dewey, D., Canizares, C. R., Borkowski, K. J., Burrows, D. N., Park, S.. High-Resolution X-Ray Spectroscopy of SNR 1987A: Chandra Letg and HETG Observations in 2007. *The Astrophysical Journal*, 692, 2009, 1190. ISI IF:5.993

[Lumupa ce e:](#)

185. Orlando, S.; Miceli, M.; Petruk, O.; Ono, M.; Nagataki, S.; Aloy, M. A.; Mimica, P.; Lee, S.-H.; Bocchino, F.; Peres, G.; Guarrasi, M., "3D MHD modeling of the expanding remnant of SN 1987A. Role of magnetic field and non-thermal radio emission", *Astronomy & Astrophysics*, Volume 622, id.A73, 15 pp, @2019 [Линк](#) 1.000

186. Alp, Dennis; Larsson, Josefin; Maeda, Keiichi; Fransson, Claes; Wongwathanarat, Annap; Gabler, Michael; Janka, Hans-Thomas; Jerkstrand, Anders; Heger, Alexander; Menon, Athira, "X-Ray and Gamma-Ray Emission from Core-collapse Supernovae: Comparison of Three-dimensional Neutrino-driven Explosions with SN 1987A", *The Astrophysical Journal*, Volume 882, Issue 1, article id. 22, 19 pp, @2019 [Линк](#) 1.000

187. Quirola-Vásquez, J.; Bauer, F. E.; Dwarkadas, V. V.; Badenes, C.; Brandt, W. N.; Nymark, T.; Walton, D., "The exceptional X-ray evolution of SN 1996cr in high resolution", *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 4, p.4536-4564, @2019 [Линк](#) 1.000

188. Orlando, S.; Ono, M.; Nagataki, S.; Miceli, M.; Umeda, H.; Ferrand, G.; Bocchino, F.; Petruk, O.; Peres, G.; Takahashi, K.; Yoshida, T., "Hydrodynamic simulations unravel the progenitor-supernova-remnant connection in SN 1987A", eprint arXiv:1912.03070, @2019 [Линк](#) **1.000**
107. **Stoyanov, K. A., Zamanov, R. K.** Tidal interaction in High-Mass X-ray Binaries. *Astronomische Nachrichten*, 330, 2009, 727. SJR:0.581, ISI IF:1.186
Лумупа се в:
189. Martin, R. G., Franchini, A.: 2019, *MNRAS* 489, 1797 - The frequency of Kozai-Lidov disc oscillation driven giant outbursts in Be/X-ray binaries, @2019 **1.000**
108. **Bachev, R., Grupe, D., Boeva, S., Ovcharov, E., Valcheva, A., Semkov, E., Georgiev, Ts., Gallo, L. C.** Studying X-ray reprocessing and continuum variability in quasars: PG 1211+143. *Monthly Notices of the Royal Astronomical Society*, 399, Oxford University Press, 2009, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2009.15301.x, 750-761. ISI IF:5.107
Лумупа се в:
190. Liu, H., Luo, B., Brandt, W. N., Brotherton, M. S., Du, P., Gallagher, S. C., Hu, C., Shemmer, O., Wang, J.-M., SDSS J075101.42+291419.1: A Super-Eddington Accreting Quasar with Extreme X-ray Variability, 2019, *ApJ*, 878, art. id. 79, @2019 [Линк](#) **1.000**
191. Buisson, D. J. K., Spectra and variability of accreting blackholes Using X-ray observations, 2019, Dissertation for the degree of Doctor of Philosophy, Institute of Astronomy, University of Cambridge, UK, @2019 [Линк](#) **1.000**
109. Raiteri, C. M., Villata, M., Capetti, A., Aller, M. F., Bach, U., Calciolone, P., Gurwell, M. A., Larionov, V. M., Ohlert, J., Nilsson, K., **Strigachev, A., Agudo, I., Aller, H. D., Bachev, R., Benítez, E., Berdyugin, A., Böttcher, M., Buemi, C. S., Buttiglione, S., Carosati, D., Charlot, P., Chen, W. P., Dultzin, D., Forné, E., Fuhrmann, L., Gómez, J. L., Gupta, A. C., Heidt, J., Hiriart, D., Hsiao, W.-S., Jelinek, M., Jorstad, S. G., Kimeridze, G. N., Konstantinova, T. S., Kopatskaya, E. N., Kostov, A., Kurtanidze, O. M., Lähteenmäki, A., Lanteri, L., Larionova, L. V., Leto, P., Latev, G., Le Campion, J.-F., Lee, C.-U., Ligustri, R., Lindfors, E., Marscher, A. P., Mihov, B., Nikolashvili, M. G., Nikolov, Y., Ovcharov, E., Principe, D., Pursimo, T., Ragozzine, B., Robb, R. M., Ros, J. A., Sadun, A. C., Sagar, R., Semkov, E., Sigua, L. A., Smart, R. L., Sorcia, M., Takalo, L. O., Tornikoski, M., Trigilio, C., Uckert, K., Umana, G., Valcheva, A., Volvach, A.** WEBT multiwavelength monitoring and XMM-Newton observations of BL Lacertae in 2007–2008. Unveiling different emission components. *Astronomy and Astrophysics*, 507, EDP Sciences, 2009, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/200912953, 769. JCR-IF (Web of Science):4.378
Лумупа се в:
192. Sosa, M., Estudio observacional de la emisión óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina, @2019 [Линк](#) **1.000**
193. Gazeas, K., Long-Term Optical Monitoring of Blazars, 2019, *Galaxies*, 7(2), art. id. 58, @2019 [Линк](#) **1.000**

2010

110. **Semkov, E., Peneva, S., Munari, U., Milani, A., Valisa, P.** The large amplitude outburst of the young star HBC 722 in NGC 7000/IC 5070, a new FU Orionis candidate. *Astronomy and Astrophysics*, 523, EDP Sciences, 2010, ISSN:0004-6361, DOI:10.1051/0004-6361/201015902, L3. ISI IF:4.378
Лумупа се в:
194. Hillenbrand, L. A., Miller, A. A., Carpenter, J. M., Kasliwal, M. M., Isaacson, H., Tang, S., Joshi, V., Banerjee, D. P. K., Cutri, R., PTF 14jg: The Remarkable Outburst and Post-Burst Evolution of a Previously Anonymous Galactic Star, 2019, *ApJ*, 874, art. id. 82, @2019 [Линк](#) **1.000**
195. Contreras Peña, C., Naylor, T., Morrell, S., Determining the recurrence timescale of long-lasting YSO outbursts, 2019, *MNRAS*, 486, 4590–4611, @2019 [Линк](#) **1.000**
196. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóża, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, 69, 227-260, @2019 [Линк](#) **1.000**
111. **Semkov, E. H., Peneva, S. P.** A possible new FUor star in NGC 7000. *The Astronomer's Telegram*, 2801, 2010
Лумупа се в:
197. Postel, A., Audard, M., Vorobyov, E., Dionatos, O., Rab, C., Güdel, M., Infrared and sub-mm observations of outbursting young stars with Herschel and Spitzer, 2019, *A&A*, 631, A30, @2019 [Линк](#) **1.000**
112. Sokal, K. R., Skinner, S. L., **Zhekov, S. A., Güdel, M., Schmutz, W.** Chandra Detects the Rare Oxygen-type Wolf-Rayet Star WR 142 and OB Stars in Berkeley 87. *The Astrophysical Journal*, 715, 2010, 132. ISI IF:5.993
Лумупа се в:

198. Townsley, Leisa K.; Broos, Patrick S.; Garmire, Gordon P.; Povich, Matthew S., "The Massive Star-forming Regions Omnibus X-ray Catalog, Third Installment", The Astrophysical Journal Supplement Series, Volume 244, Issue 2, article id. 28, 44 pp., @2019 [Линк](#) 1.000
199. Sander, Andreas A. C.; Hamann, Wolf-Rainer; Todt, Helge; Hainich, Rainer; Shenar, Tomer; Ramachandran, Varsha; Oskinova, Lidia M., 2018, "The Galactic WC and WO stars: The impact of revised distances from Gaia DR2 and their role as massive black hole progenitors", Astronomy & Astrophysics, Volume 621, id.A92, 19 pp., @2019 [Линк](#) 1.000
113. Auriere, M., Donati, J.-F., **Konstantinova-Antova, R.**, Perrin, G., Petit, P., Roudiger, T.. The magnetic field of Betelgeuse: a local dynamo from giant convection cells?. Astronomy and Astrophysics, 516, EDP Sciences, 2010, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201424579, 2. SJR:1.905, ISI IF:4.449
- Лумупа се е:
200. Haubois, X.; Norris, B.; Tuthill, P. G.; Pinte, C.; Kervella, P.; Girard, J. H.; Kostogryz, N. M.; Berdyugina, S. V.; Perrin, G.; Lacour, S.; Chiavassa, A.; Ridgway, S. T. The inner dust shell of Betelgeuse detected by polarimetric aperture-masking interferometry, A&A, 628, 101, @2019 1.000
201. Kravchenko, K.; Chiavassa, A.; Van Eck, S.; Jorissen, A.; Merle, T.; Freytag, B.; Plez, B. Tomography of cool giant and supergiant star atmospheres. II. Signature of convection in the atmosphere of the red supergiant star μ Cep, A&A, 632, 28, @2019 1.000
114. Marziani, P., Sulentic J. W., Negrete C. A, Dultzin D., Zamfir S., **Bachev, R.** Broad-line region physical conditions along the quasar eigenvector 1 sequence. MNRAS, 409, 2010, 1033-1048. ISI IF:4.952
- Лумупа се е:
202. Coffey, D.; Salvato, M.; Merloni, A.; Boller, Th.; Nandra, K.; Dwelly, T.; Comparat, J.; Schulze, A.; Del Moro, A.; Schneider, D. P.; SDSS-IV/SPIDERS: A catalogue of X-ray selected AGN properties. Spectral properties and black hole mass estimates for SPIDERS SDSS DR14 type 1 AGN; 2019, A&A 625, 123, @2019 1.000
115. Maciejewski, G., **Dimitrov, D.**, Neuhäuser, R., Niedzielski, A., Raetz, St., Ginski, Ch., Adam, Ch., Marka, C., Moualla, M., Mugrauer, M.. Transit timing variation in exoplanet WASP-3b. Monthly Notices of the Royal Astronomical Society, 407, 4, WILEY, 2010, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2010.17099.x, 2625-2631. SJR:2.76, ISI IF:5.107
- Лумупа се е:
203. Baluev, R V, Sokov, E N, Jones, H R A, Shaidulin, V Sh, I A Sokova, L D Nielsen, P Benni, E M Schneiter, C Villarreal D'Angelo, E Fernández-Lajús, R P Di Sisto, Ö Baştürk, M Bretton, A Wunsche, V-P Hentunen, S Shadick, Y Jongen, W Kang, T Kim, E Pakštienė, J K T Qvam, C R Knight, P Guerra, A Marchini, F Salvaggio, R Papini, P Evans, M Salisbury, F García, D Molina, J Garlitz, N Esseiva, Y Ogmen, Yu Karavaev, S Rusov, M A Ibrahimov, R G Karimov, Homogeneously derived transit timings for 17 exoplanets and reassessed TTV trends for WASP-12 and WASP-4, Monthly Notices of the Royal Astronomical Society, Volume 490, Issue 1, November 2019, Pages 1294–1312, 2019, @2019 [Линк](#) 1.000
204. Lendl, M., "High precision ground-based photometry with 1-m class telescopes", Contrib. Astron. Obs. Skalnat'e Pleso 49, 107 – 118, (2019), @2019 [Линк](#) 1.000
116. **Zhekov, S. A.**, Park, S.. Chandra Observations of WR 147 Reveal a Double X-ray Source. The Astrophysical Journal, 709, 2010, L119. ISI IF:5.993
- Лумупа се е:
205. Hamann, W. -R.; Gräfener, G.; Liermann, A.; Hainich, R.; Sander, A. A. C.; Shenar, T.; Ramachandran, V.; Todt, H.; Oskinova, L. M., "The Galactic WN stars revisited. Impact of Gaia distances on fundamental stellar parameters", Astronomy & Astrophysics, Volume 625, id.A57, 11 pp., @2019 [Линк](#) 1.000
206. Henney, William J.; Arthur, S. J., "Bow shocks, bow waves, and dust waves - II. Beyond the rip point", Monthly Notices of the Royal Astronomical Society, Volume 486, Issue 3, p.4423-4442, @2019 [Линк](#) 1.000
117. **Komitov B.**, Sello S., **Duchlev P.**, **Dechev M.**, Penev K., **Koleva K.**. The sub- and quasi- centurial cycles in solar and geomagnetical data series $I(s_2)$. arXiv:1007.3143, 2010
- Лумупа се е:
207. Verma, V. K.; Mittal, Nishant, On the Origin of Solar Halo Coronal Mass Ejections, Astronomy Letters, Volume 45, Issue 3, pp.164-176, 2019, @2019 [Линк](#) 1.000
118. **Zhekov, S. A.**, Park, S.. Chandra HETG Observations of the Colliding Stellar Wind System WR 147. The Astrophysical Journal, 721, 2010, 518. ISI IF:5.993
- Лумупа се е:
208. Maeda, Yoshitomo; Iizuka, Ryo; Hayashi, Takayuki; Sato, Toshiki; Nakaniwa, Nozomi; Takeo, Mai; Suzuki, Hitomi; Ishida, Manabu; Ikeda, Shiro; Morii, Mikio, "Concept for an X-ray telescope system with an angular resolution booster", Publications of the Astronomical Society of Japan, Volume 71, Issue 5, id.97, @2019 [Линк](#) 1.000

119. Bonev, T.. Recent Upgrades of the 2-Meter Telescope of the National Astronomical Observatory - Rozhen. Publications of the Astronomical Observatory of Belgrade, 90, 2010, 201-204

[Lumupa ce e:](#)

209. Mihov, B.; Slavcheva-Mihova, L."A study of the high-luminosity quasar HS 1946+7658".AIP Conference Proceedings, 1.000 Volume 2075, Issue 1, id.090020., @2019 [Линк](#)

120. Vercellone, S., D'Ammando, F.; Vittorini, V.; Donnarumma, I.; Pucella, Tavani, M.; Ferrari, A.; Raiteri, C. M.; Villata, M., Romano, P.; Krimm, H.; Tiengo, A.; Chen, A. W., Giovannini, G.; Venturi, T.; Giroletti, M.; Kovalev, Y. Y., Sokolovsky, K.; Pushkarev, A. B.; Lister, M. L.; Argan, A., Barbiellini, G.; Bulgarelli, A.; Caraveo, P., Cattaneo, P. W.; Cocco, V.; Costa, E.; Del Monte, E., De Paris, G.; Di Cocco, G.; Evangelista, Y.; Feroci, M., Fiorini, M.; Fornari, F.; Froyland, T.; Fuschino, F., Galli, M.; Gianotti, F.; Labanti, C.; Lapshov, I., Lazzarotto, F.; Lipari, P.; Longo, F.; Giuliani, A., Marisaldi, M.; Mereghetti, S.; Morselli, A.; Pellizzoni, A., Pacciani, L.; Perotti, F.; Piano, G.; Picozza, P., Pilia, M.; Prest, M.; Rapisarda, M.; Rappoldi, A., Sabatini, S.; Soffitta, P.; Striani, E.; Trifoglio, M., Trois, A.; Vallazza, E.; Zambra, A.; Zanello, D., Pittori, C.; Verrecchia, F.; Santolamazza, P.; Giommi, P., Colafrancesco, S.; Salotti, L.; Agudo, I.; Aller, H. D., Aller, M. F.; Arkharov, A. A.; Bach, U., **Bachev, R.**, Beltrame, P.; Benitez, E.; Böttcher, M.; Buemi, C. S., Calciolone, P.; Capezzali, D.; Carosati, D.; Chen, W. P., Da Rio, D.; Di Paola, A.; Dolci, M.; Dultzin, D.; Forné, E., Gómez, J. L.; Gurwell, M. A.; Hagen-Thorn, V. A., Halkola, A.; Heidt, J.; Hiriart, D.; Hovatta, T., Hsiao, H.-Y.; Jorstad, S. G.; Kimeridze, G., Konstantinova, T. S.; Kopatskaya, E. N.; Koptelova, E., Kurtanidze, O.; Lähteenmäki, A.; Larionov, V. M.; Leto, P., Ligustri, R.; Lindfors, E.; Lopez, J. M.; Marscher, A. P., Mujica, R.; Nikolashvili, M.; Nilsson, K.; Mommert, M., Palma, N.; Pasanen, M.; Roca-Sogorb, M.; Ros, J. A., Roustazadeh, P.; Sadun, A. C.; Saino, J.; Sigua, L., Sorcia, M.; Takalo, L. O.; Tornikoski, M.; Triglio, C., Turchetti, R.; Umana, G.. Multiwavelength Observations of 3C 454.3. III. Eighteen Months of Agile Monitoring of the "Crazy Diamond". The Astrophysical Journal, 712, 1, 2010, 405-420. ISI IF:5.993

[Lumupa ce e:](#)

210. Nalewajko, Krzysztof; Gupta, Alok C.; Liao, Mai; Hryniewicz, Krzysztof; Gupta, Maitrayee; Gu, Minfeng; Long-term optical 0.016 spectroscopic variations in blazar 3C 454.3; 2019, A&A 631, 4, @2019

211. Fan, Jun-Hui; Yuan, Yu-Hai; Wu, Hong; Wang, Feng; Tao, Jun; Gu, Min-Feng; Simultaneous optical g, r, i monitoring and 0.016 IDV periodic analysis for quasar 3C 454.3; 2019, RAA, 19, 142, @2019

212. Rajput, Bhoomika; Stalin, C. S.; Sahayanathan, S.; Rakshit, Suwendu; Mandal, Amit Kumar; Temporal correlation between 0.016 the optical and γ -ray flux variations in the blazar 3C 454.3; 2019, MNRAS, 486, 1781, @2019

213. Gupta, Alok C.; Tripathi, Ashutosh; Wiita, Paul J.; Kushwaha, Pankaj; Zhang, Zhongli; Bambi, Cosimo; Detection of a quasi- 0.016 periodic oscillation in γ -ray light curve of the high-redshift blazar B2 1520+31; 2019, MNRAS, 484, 5785, @2019

214. Shah, Zahir; Jithesh, V.; Sahayanathan, S.; Misra, Ranjeev; Iqbal, Naseer; Study on temporal and spectral behaviour of 3C 0.016 279 during 2018 January flare; 2019, MNRAS, 484, 3168, @2019

215. Prince, Raj; Multi-frequency Variability Study of Ton 599 during the High Activity of 2017; 2019, ApJ 871, 101, @2019 0.016

216. Qian, S. J.; Britzen, S.; Krichbaum, T. P.; Witzel, A.; Possible evidence of a supermassive black hole binary with two radio 0.016 jets in blazar 3C279; 2019, A&A, 621, 11, @2019

121. Nemravová, J., Harmanec, P., Kubát, J., Koubský, P., **Iliev, L.**, Yang, S., Ribeiro, J., Šlechta, M., Kotková, L., Wolf, M., Škoda, P.. Properties and nature of Be stars. 27. Orbital and recent long-term variations of the Pleiades Be star Pleione = BU Tauri. Astronomy and Astrophysics, 516, EDP Sciences, 2010, ISSN:0004-6361, DOI:10.1051/0004-6361/200913885, 80-89. JCR-IF (Web of Science):4.37

[Lumupa ce e:](#)

217. Cochetti, Y. R.; Arcos, C.; Kanaan, S. Meiland, A.; Cidale, L. S.; Curé, M., "Spectro-interferometric observations of a sample 1.000 of Be stars. Setting limits to the geometry and kinematics of stable Be disks.", 2019, Astron. &Astrophys., 621A.123C, DOI 10.1051/0004-6361/201833551, @2019 [Линк](#)

122. **Dimitrov, D. P.**, Kjurkchieva, D. P.. GSC2314-0530: the shortest-period eclipsing system with dMe components. Monthly Notices of the Royal Astronomical Society, 406, 4, WILEY, 2010, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2010.16843.x, 2559-2568. SJR:2.76, ISI IF:5.107

[Lumupa ce e:](#)

218. Luo, ChangQing, Zhang, XiaoBin, Wang, Kun, Liu, Chao, Fang, Xiangsong, Zhang, Chunguang, Deng, Licai, Nie, Jundan, 1.000 Fox-Machado, Lester, Luo, Yangping, Niu, Hubiao, "Frequent Flare Events on the Short-period M-type Eclipsing Binary BX Tri", The Astrophysical Journal, 871, 2, 203, 2019, @2019 [Линк](#)

219. Pi, Qing-feng, Zhang, Li-yun, Bi, Shao-lan, Han, Xianming L., Lu, Hong-peng, Yue, Qiang, Long, Liu, Yan, Yan, "Magnetic 1.000 Activity and Orbital Period Study for the Short-period RS CVn-type Eclipsing Binary DV Psc", The Astrophysical Journal, 877, 2, 75, 2019, @2019 [Линк](#)

220. Zhang, B., Qian, S.-B., Zhi, Q.-J., Liu, N.-P., Dong, A.-J., Michel, R., Zhu, L.-Y., Li, K., Zhang, J., Wang, Q.-S., "A Detached 1.000 Eclipsing Binary with a Period Shorter than 0.2 Days in a Triple System", Publications of the Astronomical Society of the Pacific, 131, 997, 034201, 2019, @2019 [Линк](#)

123. **Petrov, N., Duchlev, P.**, Koleva, K.. Observations of the total solar eclipse on 22 July 2009 in China. Bulgarian Astronomical Journal, v. 14, BLAGAJ, 2010, 102-108

Цумура се е:

221. V. L. Merzlyakov, Ts. Tsvetkov, L. I. Starkova, R. Miteva. "Polarization of the White-Light Solar Corona and Sky Polarization Effect during Total Solar Eclipse on March 29, 2006". Serbian Astronomical Journal. arXiv e-prints., @2019 1.000
222. Marcos A. Peñalosa-Murillo, Michael T. Roman, Jay M. Pasachoff. "Anomalies and fluctuations of near-surface air temperature at Tianhuangping (Zhejiang), China, produced by the longest total solar eclipse of the 21st century under cloudy skies". Journal of Geophysical Research – Atmosphere, 2019, @2019 [Линк](#) 1.000
223. Ivan Myshyakov and Tsvetan Tsvetkov. "Comparison of Kinematics of Solar Eruptive Prominences and Spatial Distribution of the Magnetic Decay Index". ApJ – accepted (in press), 2019, @2019 1.000
124. **Kostov, A.** Opportunities for Follow-Up Observations of Solar System Objects with 50/70 cm Schmidt Telescope of National Astronomical Observatory Rozhen, Bulgaria. Proceedings of Gaia Follow-up Network for Solar System Objects Workshop, 2010

Цумура се е:

224. Mihov, B., Slavcheva-Mihova, L. "A study of the high-luminosity quasar HS 1946+7658", 2019, AIPC, 2075, 090020, @2019 [Линк](#) 1.000
125. **Peneva, S. P., Semkov, E. H.,** Munari, U., Birkle, K.. A long-term photometric study of the FU Orionis star V733 Cep. Astronomy and Astrophysics, 515, 2010, DOI:10.1051/0004-6361/201014092, A24. ISI IF:4.378

Цумура се е:

225. Mercer, A., A numerical study of the gravitational instability in protostellar discs, 2019, PhD thesis, Jeremiah Horrocks Institute for Mathematics, Physics and Astronomy University of Central Lancashire, UK, @2019 [Линк](#) 1.000
126. Sokoloski, J. L., **Zamanov, R., Stoyanov, K.,** Bryson, S., Still, M.. Cessation of optical flickering from the symbiotic star CH Cygni. The Astronomer's Telegram, 2707, 2010, 1

Цумура се е:

226. Sekeráš, M., Skopal, A., Shugarov, S., Shagatova, N., Kundra, E., Komžík, R., Vrašťák, M., Peneva, S. P., Semkov, E., Stubbing, R.: 2019, CoSka 49, 19 - Photometry of Symbiotic Stars - XIV, @2019 1.000
127. Rani, B., Gupta, A. C., **Strigachev, A., Bachev, R.,** Wiita, P. J., **Semkov, E.,** Ovcharov, E., **Mihov, B., Boeva, S., Peneva, S., Spassov, B., Tsvetkova, S., Stoyanov, K.,** Valcheva, A.. Short-term flux and colour variations in low-energy peaked blazars. Monthly Notices of the Royal Astronomical Society, 404, Oxford University Press, 2010, ISSN:ISSN 0035-8711, DOI:10.1111/j.1365-2966.2010.16419.x, 1992-2017. SJR:2.499, ISI IF:5

Цумура се е:

227. Sosa, M., Estudio observacional de la emision óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina, @2019 [Линк](#) 1.000
128. **Duchlev, P.,** Koleva, K., Kokotanekova, J., **Dechev, M., Petrov, N.,** Rompolt, B., Rudawy, P.. Kinematics and evolution of eruptive prominences of two different basic types. v. 13, Bulgarian Astronomical Journal, 2010, 41-62. SJR:0.16, ISI IF:0.15

Цумура се е:

228. Ivan Myshyakov and Tsvetan Tsvetkov. "Comparison of Kinematics of Solar Eruptive Prominences and Spatial Distribution of the Magnetic Decay Index". ApJ – accepted (in press), 2019, @2019 1.000
129. **Markov, H.,** Vince, I., Markova, N., Djurasevic, G.. Spectroscopic Observations of UU Cas. Publications of the Astronomical Observatory of Belgrade, 90, Astronomical Observatory, Volgina 7, 11160 Beograd, Serbia, 2010, ISSN:0373-3742, 159-162

Цумура се е:

229. Kononov, Dmitry A.; Gorda, Stanislav Yu.; Parfenov, Sergey Yu. "On the Gas Dynamic Features of the Interacting Binary System UU Cas", 2019ApJ...883..186K, @2019 [Линк](#) 1.000
130. **Zhekov, S.A.,** Park, S., McCray, R., Racusin, J. L., Burrows, D. N.. Evolution of the Chandra CCD spectra of SNR 1987A: probing the reflected-shock picture. Monthly Notices of the Royal Astronomical Society, 407, 2, 2010, 1157-1169. ISI IF:4.961

Цумура се е:

230. Quirola-Vásquez, J.; Bauer, F. E.; Dwarkadas, V. V.; Badenes, C.; Brandt, W. N.; Nymark, T.; Walton, D., "The exceptional X-ray evolution of SN 1996cr in high resolution", Monthly Notices of the Royal Astronomical Society, Volume 490, Issue 4, p.4536-4564, @2019 [Линк](#) 1.000
131. Aurière, M., Wade, G. A, Lignières, F., Hui-Bon-Hoa, A., Landstreet, J. D., **Iliev, I. Kh.,** Donati, J.-F., Petit, P., Roudier, T., Théado, S.. No detection of large-scale magnetic fields at the surfaces of Am and HgMn stars. Astronomy and Astrophysics, 523, EDP Sciences, 2010, ISSN:0004-6361, DOI:10.1051/0004-6361/201014848, 40-44. JCR-IF (Web of Science):4.378

Цитира се в:

231. Antoci, V.; Cunha, M. S.; Bowman, D. M.; Murphy, S. J.; Kurtz, D. W.; Bedding, T. R.; Borre, C. C.; Christophe, S.; Daszyńska-Daszkiewicz, J.; Fox-Machado, L.; García Hernández, A.; Ghasemi, H.; Handberg, R.; Hansen, H.; Hasanzadeh, A.; Houdek, G.; Johnston, C.; Justesen, A. B.; Kahraman Alicavus, F.; Kotysz, K. "The first view of δ Scuti and γ Doradus stars with the TESS mission", 2019, MNRAS, 490, 4040A, @2019 [Линк](#) 1.000
232. Sikora, J.; David-Uraz, A.; Chowdhury, S.; Bowman, D. M.; Wade, G. A.; Khalack, V.; Kobzar, O.; Kochukhov, O.; Neiner, C.; Paunzen, E. "MOBSTER - II. Identification of rotationally variable A stars observed with TESS in sectors 1-4", 2019, MNRAS, 487, 4695S, @2019 [Линк](#) 1.000
233. Sikora, J.; Wade, G. A.; Power, J.; Neiner, C. "A volume-limited survey of mCP stars within 100 pc - I. Fundamental parameters and chemical abundances", 2019, MNRAS, 483, 2300S, @2019 [Линк](#) 1.000
132. P. Duchlev, K. Koleva, J. Kokotanekova, M. Dechev, N. Petrov. Kinematics and evolution of eruptive prominences of two different basic types. Bulgarian Astronomical Journal, Vol. 13, 2010, 47-68

Цитира се в:

234. Цветков, Цветан. "Изследване на дестабилизацията и ерупцията на протуберанси/влакна в активни области на Слънцето", Институт по астрономия с НАО, Ръководител: проф. д-р Е. Семков, 2019., @2019 [Линк](#) 1.000
133. Konstantinova-Antova, R., Auriere, M., Charbonnel, C., Drake, N. A., Schröder, K. -P., Stateva, I., Alecian, E., Petit, P., Cabanac, R.. Direct detection of a magnetic field in the photosphere of the single M giant EK Boo: How common is magnetic activity among M giants?. Astronomy and Astrophysics, 524, EDP Sciences, 2010, ISSN:0004-6361, DOI:10.1051/0004-6361/201014503, 57. ISI IF:4.378

Цитира се в:

235. Tobin, T. L.; Kembell, A. J.; Gray, M. D., 2019, ApJ 871, 189, @2019 1.000
236. Tobin, T. L.; Kembell, A. J.; Gray, M. D. Constraining Theories of Polarized SiO Maser Transport: Multi-epoch Analysis of a $\pi/2$ Electric Vector Rotation Feature, ApJ, 871, 189, @2019 1.000

2011

134. Bachev, R., Semkov, E., Strigachev, A., Mihov, B., Gupta, A. C., Peneva, S., Ovcharov, E., Valcheva, A., Lalova, A.. Intra-night variability of 3C 454.3 during its November 2010 Outburst, 2011. Astronomy and Astrophysics, 528, EDP Sciences, 2011, ISSN:0004-6361, DOI:10.1051/0004-6361/201116637, L10. ISI IF:4.378

Цитира се в:

237. Weaver, Z. R., Balonek, T. J., Jorstad, S. G., Marscher, A. P., Larionov, V. M., Smith, P. S., Boni, S. J., Borman, G. A., Chapman, K. J., Jenks, L. G., Kopatskaya, E. N., Larionova, E. G., Morozova, D. A.; Nikiforova, A. A., Sabyr, A., Savchenko, S. S., Stahlin, R. W., Troitskaya, Y. V., Troitsky, I. S., Zhang, S., The June 2016 Optical and Gamma-Ray Outburst and Optical Micro-Variability of the Blazar 3C454.3, 2019, ApJ, 875, art. id. 15, @2019 [Линк](#) 1.000
238. Bewketu Belete, A., Femmam, S., Tornikosk, M., Lähteenmäki, A., Tammi, J., Leao, I. C., Canto Martins, B. L., De Medeiros, J. R., Cosmological evolution of quasar radio emission in the view of multifractality, 2019, ApJ, 873, art. id. 108, @2019 [Линк](#) 1.000
135. Slavcheva-Mihova, L., Mihov, B.. Optical multiband surface photometry of a sample of Seyfert galaxies: III. Global, isophotal, and bar parameters. Astronomische Nachrichten, 332, 2, 2011, DOI:10.1002/asna.201011489, 191-201. ISI IF:1.012

Цитира се в:

239. Huang, Ying-Ke; Hu, Chen; Zhao, Yu-Lin; Zhang, Zhi-Xiang; Lu, Kai-Xing; Wang, Kai; Zhang, Yue; Du, Pu; Li, Yan-Rong; Bai, Jin-Ming; Ho, Luis C.; Bian, Wei-Hao; Yuan, Ye-Fei; Wang, Jian-Min. "Reverberation Mapping of the Narrow-line Seyfert 1 Galaxy I Zwicky 1: Black Hole Mass". The Astrophysical Journal, Volume 876, Issue 2, article id. 102, 14 pp., @2019 [Линк](#) 1.000
136. Semkov, E. H.. Photometric variability of the Pre-Main sequence stars. Bulgarian Astronomical Journal, 15, 2011, 49-56. SJR:0.111

Цитира се в:

240. Bhardwaj, A., Panwar, N., Herczeg, G. J., Chen, W. P., Singh, H. P., Variability of young stellar objects in the star-forming region Pelican Nebula, 2019, A&A, 627, A135, @2019 [Линк](#) 1.000
241. Michalska, G., Variable Stars in Young Open Cluster NGC 2244, 2019, MNRAS, 487, 3505–3522, @2019 [Линк](#) 1.000
137. Neuhäuser, R., Errmann, R., Berndt, A., Maciejewski, G., Takahashi, H., Chen, W. P., Dimitrov, D. P., Pribulla, T., Nikogossian, E. H., Jensen, E. L. N., Marschall, L., Wu, Z.-Y., Kellerer, A., Walter, F. M., Briceño, C., Chini, R., Fernandez, M., Raetz, St., Torres, G., Latham, D. W., Quinn, S. N., Niedzielski, A., Bukowiecki, Ł., Nowak, G., Tomov, T., Tachihara, K., Hu, S. C.-L., Hung, L. W., Kjurkchieva, D. P., Radeva, V. S., Mihov, B. M., Slavcheva-Mihova, L., Bozhinova, I. N., Budaj, J., Vaňko, M., Kundra, E., Hambálek, L., Krushevska, V., Movsessian, T., Harutyunyan, H., Downes, J. J., Hernandez, J., Hoffmeister, V. H., Cohen, D. H., Abel, I., Ahmad, R., Chapman, S., Eckert,

S., Goodman, J., Guerard, A., Kim, H. M., Koontharana, A., Sokol, J., Trinh, J., Wang, Y., Zhou, X., Redmer, R., Kramm, U., Nettelmann, N., Mugrauer, M., Schmidt, J., Moualla, M., Ginski, C., Marka, C., Adam, C., Seeliger, M., Baar, S., Roell, T., Schmidt, T. O. B., Trepl, L., Eisenbeiß, T., Fiedler, S., Tetzlaff, N., Schmidt, E., Hohle, M. M., Kitz, M., Chakrova, N., Gräfe, C., Schreyer, K., Hambaryan, V. V., Broeg, C. H., Koppenhoefer, J., Pandey, A. K.. The Young Exoplanet Transit Initiative (YETI). *Astronomische Nachrichten*, 332, 6, 2011, DOI:10.1002/asna.201111573, 547-567. ISI IF:1

Lumupa ce e:

242. Siwak, M., Drózd, M., Gut, K., Winiarski, M., Ogłóżka, W., Stachowski, G., "Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars", *ACTA ASTRONOMICA*, Vol. 69 (2019) pp. 227–260, @2019 [Линк](#) 1.000

138. Morgenthaler, A., Petit, P., Morin, J., Auriere, M., Dintrans, B., **Konstantinova-Antova, R.**, Marsden, S.. Direct observation of magnetic cycles in Sun-like stars. *Astronomische Nachrichten*, 332, Wiley-VCH, 2011, ISSN:0004-6337, ISI IF:1

Lumupa ce e:

243. Alvarado-Gómez, Julián D.; Garraffo, Cecilia; Drake, Jeremy J.; Brown, Benjamin P.; Oishi, Jeffrey S.; Moschou, Sofia P.; Cohen, Ofer Breezing through the Space Environment of Barnard's Star b, *ApJ*, 875, 12, @2019 1.000

244. Butkovskaya, V.; Plachinda, S. Magnetic Fields and Activity Cycles in Solar-Like Stars, *ASPC*, 518, 68, @2019 1.000

139. **Slavcheva-Mihova, L., Mihov, B.** Optical multiband surface photometry of a sample of Seyfert galaxies. I. Large-scale morphology and local environment analysis of matched Seyfert and inactive galaxy samples. *Astronomy and Astrophysics*, 526, 2011, DOI:10.1051/0004-6361/200913243, 43. SJR:2.371, ISI IF:4.587

Lumupa ce e:

245. Huang, Ying-Ke; Hu, Chen; Zhao, Yu-Lin; Zhang, Zhi-Xiang; Lu, Kai-Xing; Wang, Kai; Zhang, Yue; Du, Pu; Li, Yan-Rong; Bai, Jin-Ming; Ho, Luis C.; Bian, Wei-Hao; Yuan, Ye-Fei; Wang, Jian-Min. "Reverberation Mapping of the Narrow-line Seyfert 1 Galaxy I Zwicky 1: Black Hole Mass". *The Astrophysical Journal*, Volume 876, Issue 2, article id. 102, 14 pp., @2019 [Линк](#) 1.000

246. Breda, Iris; Papaderos, Polychronis; Gomes, Jean Michel; Amarantidis, Stergios. "A new fitting concept for the robust determination of Sérsic model parameters". *Astronomy & Astrophysics*, Volume 632, id.A128, 20 pp., @2019 [Линк](#) 1.000

140. Maciejewski, G., **Dimitrov, D.**, Neuhäuser, R., Tetzlaff, N., Niedzielski, A., Raetz, St., Ch, Walter, F., Marka, C., Baar, S., Krejcová, T., Budaj, J., Kr, Tachihara, K., Takahashi, H., Mugrauer, M.. Transit timing variation and activity in the WASP-10 planetary system. *Monthly Notices of the Royal Astronomical Society*, 411, 2, WILEY, 2011, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2010.17753.x, 1204-1212. SJR:2.76, ISI IF:5.107

Lumupa ce e:

247. Poser, A. J., Nettelmann, N., Redmer, R., "The Effect of Clouds as an Additional Opacity Source on the Inferred Metallicity of Giant Exoplanets", *Atmosphere*, vol. 10, issue 11, p. 664, 2019, @2019 [Линк](#) 1.000

248. von Essen, C., Wedemeyer, S., Sosa, M. S., Hjorth, M., Parkash, V., Freudenthal, J., Mallonn, M., Miculán, R. G., Zibecchi, L., Cellone, S., Torres, A. F., "Indications for transit-timing variations in the exo-Neptune HAT-P-26b", *Astronomy & Astrophysics*, Volume 628, id.A116, 8 pp., 2019, @2019 [Линк](#) 1.000

141. **Zhekov, S. A.**, Gagné, M., Skinner, S. L.. XMM-Newton Observations Reveal Very High X-ray Luminosity from the Carbon-rich Wolf-Rayet Star WR 48a. *The Astrophysical Journal*, 727, 2011, L17. ISI IF:5.993

Lumupa ce e:

249. Clark, J. S.; Ritchie, B. W.; Negueruela, I., "A VLT/FLAMES survey for massive binaries in Westerlund 1. VI. Properties of X-ray bright massive cluster members", *Astronomy & Astrophysics*, Volume 626, id.A59, 9 pp, @2019 [Линк](#) 1.000

250. Garofali, Kristen; Levesque, Emily M.; Massey, Philip; Williams, Benjamin F., "The First Candidate Colliding-wind Binary in M33", *The Astrophysical Journal*, Volume 880, Issue 1, article id. 8, 15 pp, @2019 [Линк](#) 1.000

251. Townsley, Leisa K.; Broos, Patrick S.; Garmire, Gordon P.; Povich, Matthew S., "The Massive Star-forming Regions Omnibus X-ray Catalog, Third Installment", *The Astrophysical Journal Supplement Series*, Volume 244, Issue 2, article id. 28, 44 pp, @2019 [Линк](#) 1.000

142. Abdo, A. A., Ackermann, M., Barbiellini, G.; Bastieri, D., Bellazzini, R.; Berenji, B., Bonamente, E.; Borgland, A. W.; Bregeon, J.; Brez, A., Buehler, R.; Buson, S., Caraveo, P. A.; Carrigan, S., Cavazzuti, E.; Cecchi, C., Chekhtman, A.; Cheung, C. C., Claus, R.; Cohen-Tanugi, J., Cutini, S.; Davis, D. S., Digel, S. W., Dubois, R.; Dumora, D., Fortin, P.; Frailis, M., Funk, S.; Fusco, P., Gehrels, N.; Germani, S.; Giordano, F.; Giroletti, M.; Grenier, I. A.; Grove, J. E., Hadasch, D.; Hayashida, M., Hughes, R. E.; Itoh, R.; Jóhannesson, G.; Johnson, A. S., Johnson, T. J.; Johnson, W. N.; Kamae, T.; Katagiri, H., Kataoka, J.; Knödseder, J.; Kuss, M.; Lande, J., Latronico, L.; Lee, S.-H.; Longo, F.; Loparco, F., Lott, B.; Lovellette, M. N.; Lubrano, P.; Makeev, A., Mazziotta, M. N.; McEnery, J. E.; Mehlert, J., Michelson, P. F.; Mizuno, T.; Moiseev, A. A.; Monte, C., Monzani, M. E.; Morselli, A.; Moskaleiko, I. V., Murgia, S.; Nakamori, T.; Naumann-Godo, M.; Nestoras, I., Nolan, P. L.; Norris, J. P.; Nuss, E.; Ohsugi, T., Okumura, A.; Omodei, N.; Orlando, E.; Ormes, J. F., Ozaki, M.; Paneque, D.; Panetta, J. H.; Parent, D., Pelassa, V.; Pepe, M.; Pesce-Rollins, M.; Piron, F., Porter, T. A.; Rainò, S.; Rando, R.; Razzano, M., Reimer, A.; Reimer, O.; Reyes, L. C.; Ripken, J., Ritz, S.; Romani, R. W.; Roth, M.; Sadrozinski, H. F.-W., Sanchez, D.; Sander, A.; Scargle, J. D.; Sgrò, C., Shaw, M. S.; Smith, P. D.; Spandre, G.; Spinelli, P., Strickman, M. S.; Suson, D. J.; Takahashi, H.; Tanaka, T., Thayer, J. B.; Thayer, J. G.; Thompson, D. J.,

Tibaldo, L.; Torres, D. F.; Tosti, G.; Tramacere, A.; Usher, T. L.; Vandenbroucke, J.; Vasileiou, V.; Vilchez, N.; Vitale, V.; Waite, A. P.; Wang, P.; Winer, B. L.; Wood, K. S.; Yang, Z.; Ylinen, T.; Ziegler, M.; Acciari, V. A.; Aliu, E.; Arlen, T.; Aune, T.; Beilicke, M.; Benbow, W.; Böttcher, M.; Boltuch, D.; Bradbury, S. M.; Buckley, J. H.; Bugaev, V.; Byrum, K.; Cannon, A.; Cesarini, A.; Christiansen, J. L.; Ciupik, L.; Cui, W.; de la Calle Perez, I.; Dickherber, R.; Errando, M.; Falcone, A.; Finley, J. P.; Finnegan, G.; Fortson, L.; Furniss, A.; Galante, N.; Gall, D.; Gillanders, G. H.; Godambe, S.; Grube, J.; Guenette, R.; Gyuk, G.; Hanna, D.; Holder, J.; Hui, C. M.; Humensky, T. B.; Imran, A.; Kaaret, P.; Karlsson, N.; Kertzman, M.; Kieda, D.; Konopelko, A.; Krawczynski, H.; Krennrich, F.; Lang, M. J.; LeBohec, S.; Maier, G.; McArthur, S.; McCann, A.; McCutcheon, M.; Moriarty, P.; Mukherjee, R.; Ong, R. A.; Otte, A. N.; Pandel, D.; Perkins, J. S.; Pichel, A.; Pohl, M.; Quinn, J.; Ragan, K.; Reynolds, P. T.; Roache, E.; Rose, H. J.; Schroedter, M.; Sembroski, G. H.; Senturk, G. Demet, Smith, A. W.; Steele, D.; Swordy, S. P.; Tešić, G.; Theiling, M.; Thibadeau, S.; Varlotta, A.; Vassiliev, V. V.; Vincent, S.; Wakely, S. P.; Ward, J. E.; Weekes, T. C.; Weinstein, A.; Weisgarber, T.; Williams, D. A.; Wissel, S.; Wood, M.; Villata, M.; Raiteri, C. M.; Gurwell, M. A.; Larionov, V. M.; Kurtanidze, O. M.; Aller, M. F.; Lähteenmäki, A.; Chen, W. P.; Berduygin, A.; Agudo, I.; Aller, H. D.; Arkharov, A. A.; Bach, U.; **Bachev, R.**, Beltrame, P.; Benítez, E.; Buemi, C. S.; Dashti, J.; Calcidese, P.; Capezzali, D.; Carosati, D.; Da Rio, D.; Di Paola, A.; Diltz, C.; Dolci, M.; Dultzin, D.; Forné, E.; Gómez, J. L.; Hagen-Thorn, V. A.; Halkola, A.; Heidt, J.; Hiriart, D.; Hovatta, T.; Hsiao, H.-Y.; Jorstad, S. G.; Kimeridze, G. N.; Konstantinova, T. S.; Kopatskaya, E. N.; Koptelova, E.; Leto, P.; Ligustri, R.; Lindfors, E.; Lopez, J. M.; Marscher, A. P.; Mommert, M.; Mujica, R.; Nikolashvili, M. G.; Nilsson, K.; Palma, N.; Pasanen, M.; Roca-Sogorb, M.; Ros, J. A.; Roustazadeh, P.; Sadun, A. C.; Saino, J.; Sigua, L. A.; Sillanää, A.; Sorcia, M.; Takalo, L. O.; Turchetti, R.; Umana, G.; Bloom, J. S.; Angelakis, E.; Prochaska, J. X.; Riquelme, D.; Tagliaferri, G.; Ungerechts, H.. Multi-wavelength Observations of the Flaring Gamma-ray Blazar 3C 66A in 2008 October. *The Astrophysical Journal*, 726, 1, 2011, 43. ISI IF:5.993

[Lumupa ce 8:](#)

252. Oikonomou, F., Murase, K., Padovani, P., Resconi, E., Mészáros, P., "High-energy neutrino flux from individual blazar flares", **0.006** 2019, *MNRAS*, 489, 4347, @2019
253. de Matos Pimentel, D. R.; Moura-Santos, E.; Infrared emission from dust and the spectral features of extragalactic gamma- **0.006** ray sources; 2019, *JCAP*, 04, 043, @2019

143. **Markov, H., Markova, N.**, Vince, I., Jurasevich, G.. New spectral observations of the EBS star UU Cas. *Bulgarian Astronomical Journal*, 15, 2011, 87. SJR:0.11

[Lumupa ce 8:](#)

254. Kononov, Dmitry A.; Gorda, Stanislav Yu.; Parfenov, Sergey Yu. "On the Gas Dynamic Features of the Interacting Binary **1.000** System UU Cas", 2019ApJ...883..186K, @2019 [Линк](#)

144. Taylor, W. D., Evans, C. J., Sana, H., **Markova, N.**. The VLT-FLAMES Tarantula Survey. II. R139 revealed as a massive binary system. *Astronomy and Astrophysics*, 530, 2011, L10. ISI IF:5.565

[Lumupa ce 8:](#)

255. De Marchi, Guido; Panagia, Nino Ultraviolet Extinction Properties of the 30 Dor Nebula and Interpreting Observations of **1.000** Starburst Clusters *The Astrophysical Journal*, Volume 878, Issue 1, article id. 31, 10 pp. (2019)., @2019
256. Clark, J. S.; Lohr, M. E.; Najarro, F.; Dong, H.; Martins, F. The Arches cluster revisited. I. Data presentation and stellar census **1.000** *Astronomy & Astrophysics*, Volume 617, id.A65, 34 pp., @2019

145. Aurière, M., **Konstantinova-Antova, R.**, Petit, P., Roudier, T., Donati, J.-F., Charbonnel, C., Dintrans, B., Lignières, F., Wade, G.A., Morgenthaler, A., **Tsvetkova, S.**. A dominant magnetic dipole for the evolved Ap star candidate EK Eridani. *Astronomy and Astrophysics*, 534, EDP Sciences, 2011, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201117502, SJR:1.811, ISI IF:4.587

[Lumupa ce 8:](#)

257. Bonanno, A.; Corsaro, E.; Del Sordo, F.; Pallé, P.L.; Stello, D.; Hon, M., "Acoustic oscillations and dynamo action in the G8 **1.000** sub-giant EK Eridani", 2019, *A&A*, 628, 106, @2019 [Линк](#)

146. **Komitov, B., Duchlev, P.**, Stoychev, K., **Dechev, M., Koleva, K.** Determination of the sunspot minimum epoch between the cycles No 23 and 24 and prediction of the cycle No 24 magnitude on the base of the 'Waldmeier's Rule '. *BlgAJ*, 16, 2011, ISSN:1314-5592, 44-49. SJR:0.17

[Lumupa ce 8:](#)

258. Kasatkina, E. A., Shumilov, O. I., Timonen, M. Solar activity imprints in tree ring-data from northwestern Russia, *Journal of **1.000** Atmospheric and Solar-Terrestrial Physics*, vol 193, 2019, 105075, @2019 [Линк](#)

147. **Strigachev, Anton, Bachev, Rumen.** A new CCD camera at the 60-cm telescope of the Belogradchik Astronomical Observatory. *Bulgarian Astronomical Journal*, 16, 2011, 144

[Lumupa ce 8:](#)

259. Zamanov, R.; Boeva, S.; Spassov, B.; Latev, G.; Wolter, U.; Stoyanov, K. A.; "Colours of the flickering source of Mira", 2019, **1.000** *BlgAJ*, 31, 110, @2019

148. **Kozarev, K. A.**, Kelly E. Korreck, Vasili V. Lobzin, Mark A. Weber, Nathan A. Schwadron. Off-limb Solar Coronal Wavefronts From SDO/AIA EUV Observations - Implications For Particle Production. *Astrophysical Journal*, 733, IOP Publishing, 2011, DOI:10.1088/2041-8205/733/2/L25, 25. SJR:2.975

[Цитира се е:](#)

260. Pickering, James; Morgan, Huw. "GRID-SITES: Gridded Solar Iterative Temperature Emission Solver for Fast DEM Inversion", 2019, *Solar Physics*, Volume 294, Issue 10, article id. 136, 16 pp., @2019 1.000
261. Uralov, A. M.; Grechnev, V. V.; Ivanukin, L. A. "Self-similar Piston-Shock and CME", 2019, *Solar Physics*, Volume 294, Issue 9, article id. 113, 23 pp., @2019 1.000
262. Lee, Jin-Yi; Raymond, John C.; Reeves, Katharine K.; Shen, Chengcai; Moon, Yong-Jae; Kim, Yeon-Han. "Nonequilibrium Ionization Effects on Solar EUV and X-Ray Imaging Observations", 2019, *The Astrophysical Journal*, Volume 879, Issue 2, article id. 111, 12 pp., @2019 1.000

149. Morin, J., Donati, J.-F., Petit, P., Albert, L., Aurière, M., Cabanac, R., Catala, C., Delfosse, X., Dintrans, B., Fares, R., Forveille, T., Gastine, T., Jardine, M., **Konstantinova-Antova, R.**, Lanoux, J., Ligniers, F., Morgentaller, A., Paletou, F., Velez, J.C.R., Solanki, S.. Exploring the magnetic topologies of cool stars. "The Physics of Sun and Star Spots", *Proceedings of the International Astronomical Union, IAU Symposium*, Volume 273, p. 181-187, 2011, DOI:10.1017/S1743921311015213, 181-187

[Цитира се е:](#)

263. Pudritz, Ralph E.; Ray, Tom P. The Role of Magnetic Fields in Protostellar Outflows and Star Formation, *FrAAS*, 6, 54, @2019 1.000

150. **Boeva, S., Bachev, R., Tsvetkova, S., Stoyanov, K., Zamanov, R., Spassov, B., Latev, G., Petrov, B., Donchev, Z., Dimitrov, D., Valcheva, A., Georgiev, Ts.** Flickering amplitude of the cataclysmic variable star MV Lyræ in different states. *Bulgarian Astronomical Journal*, 16, 2011, 23. SJR:0.1

[Цитира се е:](#)

264. Dobrotka, A., Negoro, H., Mineshige, S.: 2019, *A&A* 631, 134 - Similar shot profile morphology of fast variability in cataclysmic variable, X-ray binary, and blazar: The MV Lyræ case, @2019 1.000

151. **Tomov, N.A.**, Bisikalo, D.V., **Tomova, M.T.**, Kil'pio, E.Yu.. Interpretation of the Line Spectrum of Classical Symbiotic Stars in the Scenario for their Prototype Z And. *AIP Conference Proceedings*, 1356, 2011, DOI:10.1063/1.3598090, 35-44. SJR (Scopus):0.182

[Цитира се е:](#)

265. Munari, U. "The Symbiotic Stars". Invited Review, published in "The Impact of Binary Stars on Stellar Evolution", G. Beccari and M.J. Boffin eds., Cambridge Univ. Press., Cambridge Astrophysical Series vol. 54, p. 77, 2019, doi:10.1017/9781108553070, @2019 [Линк](#) 1.000

152. Actis, M., Agnetta, G., Aharonian, F., ..., **Bonev, T.**, ..., **Dimitrov, D.** Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. *Experimental Astronomy*, 32, 3, SPRINGER, 2011, ISSN:0922-6435, DOI:10.1007/s10686-011-9247-0, 193-316. SJR:1.072, ISI IF:1.99

[Цитира се е:](#)

266. Chang, P., Allen, G., Anderson, W., Bianco, F. B., Bloom, J. S., Brady, P. R., Brazier, A., Cenko, S. B., et al., "Cyberinfrastructure Requirements to Enhance Multi-messenger Astrophysics", *Astro2020: Decadal Survey on Astronomy and Astrophysics*, science white papers, no. 436; *Bulletin of the American Astronomical Society*, Vol. 51, Issue 3, id. 436 (2019), @2019 0.006
267. Paliya, V. S., Domínguez, A., Ajello, M., Franckowiak, A., Hartmann, D., "Fermi-LAT Stacking Analysis Technique: An Application to Extreme Blazars and Prospects for their CTA Detection", *The Astrophysical Journal*, 882, 1, L3, 2019, @2019 [Линк](#) 0.006
268. Beauchesne, H., Bertuzzo, E., Grilli di Cortona, G., "Dark matter in Hidden Valley models with stable and unstable light dark mesons", *Journal of High Energy Physics*, Volume 2019, Issue 4, article id. 118, 24 pp., 2019, @2019 [Линк](#) 0.006
269. Liu, Bing, Yang, Rui-zhi, Sun, Xiao-na, Aharonian, Felix, Chen, Yang, "The GeV Emission in the Field of the Star-forming Region W30 Revisited", *The Astrophysical Journal*, 881, 2, 94, 2019, @2019 [Линк](#) 0.006
270. Olivares-Del-Campo, Andres, "Dark Matter and Neutrinos: A Love-Hate Relationship", Thesis: PhD Durham U. (2019), @2019 [Линк](#) 0.006
271. André, P., Hughes, A., Guillet, V., Boulanger, F., Bracco, A., Ntormousi, E., ... Zhang, H. (2019). Probing the cold magnetised Universe with SPICA-POL (B-BOP). *Publications of the Astronomical Society of Australia*, 36, E029. doi:10.1017/pasa.2019.20, @2019 [Линк](#) 0.006
272. Leach, S.A., Lapington, J.S., Williams, J.O.D., Duffy, C., "Performance of the Compact High Energy Camera SiPM Prototype Front-End Electronics proposed for the Cherenkov Telescope Array", *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, 2019, @2019 [Линк](#) 0.006

273. Dzhathoev, T., Khalikov, E., Podlesnyi, E., Telegina, A., "Intergalactic γ -ray propagation: basic ideas, processes, and constraints", *Journal of Physics: Conference Series*, Volume 1181, Issue 1, article id. 012049 (2019), @2019 [Линк](#) 0.006
274. Leiti, Franziska, "Preparatory investigations for the construction of a table-top PMD station", Bachelorarbeit aus der Physik Erlangen Centre for Astroparticle Physics Friedrich-Alexander-Universität Erlangen-Nürnberg 2019, @2019 [Линк](#) 0.006
275. Sun, Xiao-Na, Yang, Rui-Zhi, Liu, Bing, Xi, Shao-Qiang, Wang, Xiang-Yu, "Tentative evidence of spatially extended GeV emission from SS433/W50", *A&A*, Volume 626, June 2019, Article Number A113 Number of page(s) 6, @2019 [Линк](#) 0.006
276. Song, Deheng, Macias, Oscar, Horiuchi, Shunsaku, "Inverse Compton emission from millisecond pulsars in the Galactic bulge", *Phys. Rev. D* 99, 123020 – Published 25 June 2019, @2019 [Линк](#) 0.006
277. Gola, A.; Acerbi, F.; Capasso, M.; Marcante, M.; Mazzi, A.; Paternoster, G.; Piemonte, C.; Regazzoni, V.; Zorzi, N. NUV-Sensitive Silicon Photomultiplier Technologies Developed at Fondazione Bruno Kessler. *Sensors* 2019, 19, 308., @2019 [Линк](#) 0.006
278. Bae, Kyu Jung, Kamada, Ayuki, Kim Hee Jung, "Decaying axinolike dark matter: Discriminative solution to small-scale issues", 2019, *Phys. Rev. D* 99, 023511, @2019 [Линк](#) 0.006
279. Fang, K. An extended Crab at TeV energies. *Nat Astron* (2019), @2019 [Линк](#) 0.006
280. Nogués Marcén, Leyre "Constraints on Lorentz Invariance Violation through the study of energy-dependent photonic time dispersion utilizing observations from current gamma-ray instruments", Tesis-Univ. Zaragoza, Física Teórica, 2019, @2019 [Линк](#) 0.006
281. Cao, H., Bastieri, D., Rando, R., Urso G., Luo, G., Paccagnella A., "Machine learning on compton event identification for a nano-satellite mission", 2019, *Exp. Astron.* <https://doi.org/10.1007/s10686-019-09620-4>, @2019 [Линк](#) 0.006
282. Aubert, P., Chamont, D., Grasland, H., Vulpescu, B., Lafage L. V., Beck, A., Arrabito, L., Medernach, E., "Prospectives IN2P3, GT09 : le point de vue du collectif Reprises", @2019 [Линк](#) 0.006
283. Moulin, Emmanuel, "Dark Matter searches and the Galactic Center in the very-high-energy gamma-ray universe", *High Energy Astrophysical Phenomena [astro-ph.HE]*. Sorbonne Université, 2019., @2019 [Линк](#) 0.006
284. Jahn, Anton. "Development and Quantification of an advanced Gamma-Ray Reconstruction Technique for the Cherenkov Telescope Array based on a semi-analytical Model for Extended Air Showers", *Der Naturwissenschaftlichen Fakultät der Friedrich-Alexander-Universität Erlangen-Nürnberg zur Erlangung des Doktorgrades Dr. rer. nat.*, @2019 [Линк](#) 0.006
285. Bhattacharyya, Wrijupan, "Observation of Very High Energy gamma-rays from Active Galactic Nuclei and characterization of their non-thermal emission mechanisms", DISSERTATION zur Erlangung des akademischen Grades DOCTOR RERUM NATURALIUM, Mathematisch-Naturwissenschaftlichen Fakultät der Humboldt-Universität zu Berlin, 2019, @2019 [Линк](#) 0.006
286. Principe, Giacomo, "The extremes of the Fermi-LAT energy ranges: the Fermi Low Energy (1FLE) catalog and a detailed investigation of HESS J1825-137 above 100 GeV", Thesis: PhD Friedrich-Alexander-Universität Erlangen-Nürnberg (FAU)(2019), @2019 [Линк](#) 0.006
287. Engel, R., Heck, D., Huege, T. et al. "Towards A Next Generation of CORSIKA: A Framework for the Simulation of Particle Cascades in Astroparticle Physics", *Comput Softw Big Sci* (2019) 3: 2., @2019 [Линк](#) 0.006
288. Biehl, Daniel, "Nuclear Cascades and Neutrino Production in the Sources of Ultra-High Energy Cosmic Ray Nuclei", Dissertation Humboldt-Universität zu Berlin, Mathematisch-Naturwissenschaftliche Fakultät 2019, @2019 [Линк](#) 0.006
289. Baldi, R. D., Torresi, E., Migliori, G., Balmaverde, B., "The High Energy View of FR0 Radio Galaxies", *Galaxies* 2019, 7(3), 76, @2019 [Линк](#) 0.006
290. Ando, S., Kavanagh, B. J., Macias, O., Alves, T., Broersen, S., Delnoij, S., Goldman, T., Groefsema, J., Kleverlaan, J., Lenssen, J., Muskens, T., Palma V., Liam X., Peerbooms, E., van der Linden, B., Verberne, S., "Discovery prospects of dwarf spheroidal galaxies for indirect dark matter searches", *Journal of Cosmology and Astroparticle Physics*, Issue 10, article id. 040 (2019), @2019 [Линк](#) 0.006
291. Eschbach, Stefan, "A detailed characterization of PMTs for the CTA project and analysis of first FlashCam prototype data", Dissertation Der Naturwissenschaftlichen Fakultät der Friedrich-Alexander-Universität Erlangen-Nürnberg, 2019, @2019 [Линк](#) 0.006
292. Zorn, J., CTA GCT Project, "CHEC-A compact high energy camera for the Cherenkov Telescope Array", *Nuclear Inst. and Methods in Physics Research, A*, Volume 936, p. 229-230., 2019, @2019 [Линк](#) 0.006
293. Beneke, M., Broggio, A., Hasner, C., Urban, K., Vollmann, M., "Resummed photon spectrum from dark matter annihilation for intermediate and narrow energy resolution", *Journal of High Energy Physics*, Volume 2019, Issue 8, article id. 103, 86 pp. 2019, @2019 [Линк](#) 0.006
294. Ajello, M., Arimoto, M., Axelsson, M., Baldini, L., Barbiellini, G., Bastieri, D., Bellazzini, R., Bhat, P. N., Bissaldi, E., Blandford, R. D., Bonino, R., Bonnell, J., et al., "A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog", *The Astrophysical Journal*, Volume 878, Issue 1, article id. 52, 61 pp. (2019), @2019 [Линк](#) 0.006
153. Evans, C. J., Taylor, W. D., Hénault-Brunet, V., Sana, H., de Koter, A., Simón-Díaz, S., Carraro, G., Bagnoli, T., Bastian, N., Bestenlehner, J. M., Bonanos, A. Z., Bressert, E., Brott, I., Campbell, M. A., Cantiello, M., Clark, J. S., Costa, E., Crowther, P. A., de Mink, S. E., Doran, E., Dufton, P. L., Dunstall, P. R., Friedrich, K., Garcia, M., Gieles, M., Gräfener, G., Herrero, A., Howarth, I. D., Izzard, R. G., Langer, N., Lennon, D. J., Maíz Apellániz, J., Markova, N., Najarro, F., Puls, J., Ramirez, O. H., Sabin-Sanjulián, C., Smartt, S. J., Stroud, V. E., van Loon, J. Th., Vink, J. S., Walborn, N. R. The VLT-FLAMES Tarantula Survey. I. Introduction and observational overview. *Astronomy and Astrophysics*, 530, 2011, DOI:10.1051/0004-6361/201116782, A108. ISI IF:4.378

Lumupa ce e:

295. Kraus, Michaela A Census of B[e] Supergiants Galaxies, vol. 7, issue 4, p. 83, @2019 0.048
296. Joshi, Y. C.; Panchal, A. Reddening map and recent star formation in the Magellanic Clouds based on OGLE IV Cepheids Astronomy & Astrophysics, Volume 628, id.A51, 16 pp, @2019 0.048
297. Lee, M. -Y.; Madden, S. C.; Le Petit, F.; GUSDORF, A.; Lesaffre, P.; Wu, R.; Lebouteiller, V.; Galliano, F.; Chevance, M Radiative and mechanical feedback into the molecular gas in the Large Magellanic Cloud. II. 30 Doradus Astronomy & Astrophysics, Volume 628, id.A113, 25 pp, @2019 0.048
298. Roy, Arpita; Sutherland, Ralph S; Krumholz, Mark R; Heger, Alexander; Dopita, Michael A Helium and Nitrogen Enrichment in Massive Main Sequence Stars: Mechanisms and Implications for the Origin of WNL Stars , 2019, MNRAS (eprint arXiv:1907.07666), @2019 0.048
299. Drew, J. E.; Monguió, M.; Wright, N. J. The O star hinterland of the Galactic starburst, NGC 3603 Monthly Notices of the Royal Astronomical Society, Volume 486, Issue 1, p.1034-1044, @2019 0.048
300. Agliozzo, C.; Mehner, A.; Phillips, N. M.; Leto, P.; Groh, J. H.; Noriega-Crespo, A.; Buemi, C.; Cavallaro, F.; Cerrigone, L.; Ingallinera, A.; Paladini, R.; Pignata, G.; Trigilio, C.; Umana, G. A massive nebula around the luminous blue variable star RMC 143 revealed by ALMA Astronomy & Astrophysics, Volume 626, id.A126, 13 pp., @2019 0.048
301. De Marchi, Guido; Panagia, Nino Ultraviolet Extinction Properties of the 30 Dor Nebula and Interpreting Observations of Starburst Clusters The Astrophysical Journal, Volume 878, Issue 1, article id. 31, 10 pp. (2019)., @2019 0.048
154. Dufton, P. L., Dunstall, P. R., Evans, C. J., Brott, I., Cantiello, M., de Koter, A., de Mink, S. E., Fraser, M., Hénault-Brunet, V., Howarth, I. D., Langer, N., Lennon, D. J., Markova, N., Sana, H., Taylor, W. D.. The VLT-FLAMES Tarantula Survey: The Fastest Rotating O-type Star and Shortest Period LMC Pulsar—Remnants of a Supernova Disrupted Binary?. The Astrophysical Journal Letters, 743, 2011, DOI:10.1088/2041-8205/743/1/L22, L22. ISI IF:5.339

Lumupa ce e:

302. Magill, Martin; Coutino, Aaron; Storer, Benjamin A.; Stastna, Marek; Poulin, Francis J. Dynamics of nonlinear Alfvén waves in the shallow water magnetohydrodynamic equations Physical Review Fluids, Volume 4, Issue 5, id.053701, @2019 1.000
155. Markova, N., Puls, J., Scuderi, S., Simón-Díaz, S., Herrero, A.. Spectroscopic and physical parameters of Galactic O-type stars. I. Effects of rotation and spectral resolving power in the spectral classification of dwarfs and giants. Astronomy and Astrophysics, 530, 2011, 11. ISI IF:4.378

Lumupa ce e:

303. Shull, J. Michael; Danforth, Charles W. Distances to Galactic OB Stars: Photometry versus Parallax The Astrophysical Journal, Volume 882, Issue 2, article id. 180, 21 pp. (2019)., @2019 1.000

2012

156. Stoyanov, K., Zamanov, R., Sokoloski, J. L.. Optical flickering from the symbiotic star CH Cygni is still missing. The Astronomer's Telegram, 4316, 2012, 1

Lumupa ce e:

304. Sekeráš, M., Skopal, A., Shugarov, S., Shagatova, N., Kundra, E., Komžík, R., Vrašťák, M., Peneva, S. P., Semkov, E., Stubbing, R.: 2019, CoSka 49, 19 - Photometry of Symbiotic Stars - XIV, @2019 1.000
157. Zamanov, R. K., Latev, G. Y., Stoyanov, K. A., Boeva, S., Spassov, B., Tsvetkova, S. V.. Simultaneous UBVRI observations of the cataclysmic variable AE Aquarii: Temperatures and masses of fireballs. Astronomische Nachrichten, 333, John Wiley & Sons, Inc, 2012, DOI:10.1002/asna.201211718, 736-743. SJR:0.615, ISI IF:1.399

Lumupa ce e:

305. Blinova, A. A., Romanova, M. M., Ustyugova, G. V., Koldoba, A. V., Lovelace, R. V. E.: 2019, MNRAS 487, 1754 - Comparisons of MHD propeller model with observations of cataclysmic variable AE Aqr, @2019 1.000
158. Zhekov S. A.. X-rays from colliding stellar winds: the case of close Wolf-Rayet+O binary systems. Monthly Notices of the Royal Astronomical Society, 422, 2012, 1332. ISI IF:5.107

Lumupa ce e:

306. Qiu, Yanli; Soria, Roberto; Wang, Song; Wiktorowicz, Grzegorz; Liu, Jifeng; Bai, Yu; Bogomazov, Alexey; Di Stefano, Rosanne; Walton, Dominic J.; Xu, Xiaojie, "CG X-1: An Eclipsing Wolf-Rayet ULX in the Circinus Galaxy", The Astrophysical Journal, Volume 877, Issue 1, article id. 57, 24 pp, @2019 [Линк](#) 1.000
307. Huenemoerder, David P.; Schulz, Norbert S.; Nichols, Joy S., 2018, "Winds of Massive Stars: High Resolution X-ray Spectra of Stars in NGC 3603", the Astronomical Journal, The Astronomical Journal, Volume 157, Issue 1, article id. 29, 9 pp, @2019 [Линк](#) 1.000

159. Skinner, S. L., **Zhekov, S. A.**, Güdel, M.; Schmutz, W.; Sokal, K. R.. New X-Ray Detections of WNL Stars. *The Astronomical Journal*, 143, 2012, 116. ISI IF:4.024
- Lumupa ce e:
308. Qiu, Yanli; Soria, Roberto; Wang, Song; Wiktorowicz, Grzegorz; Liu, Jifeng; Bai, Yu; Bogomazov, Alexey; Di Stefano, Rosanne; Walton, Dominic J.; Xu, Xiaojie, "CG X-1: An Eclipsing Wolf-Rayet ULX in the Circinus Galaxy", *The Astrophysical Journal*, Volume 877, Issue 1, article id. 57, 24 pp, @2019 [Линк](#) **1.000**
309. Hamann, W. -R.; Gräfener, G.; Liermann, A.; Hainich, R.; Sander, A. A. C.; Shenar, T.; Ramachandran, V.; Todt, H.; Oskinova, L. M., "The Galactic WN stars revisited. Impact of Gaia distances on fundamental stellar parameters", *Astronomy & Astrophysics*, Volume 625, id.A57, 11 pp, @2019 [Линк](#) **1.000**
310. Shenar, T.; Sablowski, D. P.; Hainich, R.; Todt, H.; Moffat, A. F. J.; Oskinova, L. M.; Ramachandran, V.; Sana, H.; Sander, A. A. C.; Schnurr, O.; St-Louis, N.; Vanbeveren, D.; Götzberg, Y.; Hamann, W. -R., "The Wolf-Rayet binaries of the nitrogen sequence in the Large Magellanic Cloud. Spectroscopy, orbital analysis, formation, and evolution", *Astronomy & Astrophysics*, Volume 627, id.A151, 68 pp, @2019 [Линк](#) **1.000**
160. Chen, W. P.; Hu, S. C.-L.; Errmann, R.; Adam, Ch.; Baar, S.; **Dimitrov, D.**, Eisenbeiß, T.; Fiedler, S.; Ginski, Ch.; Gräfe, C.; Guo, J., Hsiao, H. Y.; Janulis, R.; Kitze, M.; Lin, H. C.; Lin, C. S.; Marka, C.; Marschall, L.; Moualla, M.; Mugrauer, M.; Neuhäus, Raetz, St.; Röhl, T.; Schmidt, E.; Schmidt, J.; Schmidt, T.; Trepl, L.; Briceño, C.; Chini, R.; Jensen, E. L. N.; Nikogos, Sperauskas, J.; Takahashi, H.; Walter, F. M.; Wu, Z.-Y.; Zho. A Possible Detection of Occultation by a Proto-planetary Clump in GM Cephei. *The Astrophysical Journal*, 751, 2, 2012, 118-122. ISI IF:6
- Lumupa ce e:
311. Mutafov, A. S., Semkov, E. H., Ibraymov, S. I., Peneva, S. P., "Long-time photometric study of UX Orionis stars", *AIP Conference Proceedings* 2075, 090004 (2019);, @2019 [Линк](#) **1.000**
161. Auriere, M., **Konstantinova-Antova, R.**, Petit, P., Charbonnel, C., Van Eck, S., Donati, J.-F., Ligniers, F., Roudiger, T.. 14 Ceti: a probable Ap-star-descendant entering the Hertzsprung gap. *Astronomy and Astrophysics*, 543, EDP Sciences, 2012, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201424579, 118. SJR (Scopus):1.905, JCR-IF (Web of Science):4
- Lumupa ce e:
312. Alecian, E.; Villebrun, F.; Grunhut, J.; Hussain, G.; Neiner, C.; Wade, G. A. Fossil magnetic fields in intermediate-mass and massive stars, *EAS*, 82, 345, @2019 **1.000**
162. **Koleva, K.**, Madjarska, M., **Duchlev, P.**, Schrijver, C., Vial, J.-C., Buchlin, E., **Dechev, M.** Kinematics and helicity evolution of a loop-like eruptive prominence. *Astronomy & Astrophysics*, 540, A127, 2012, DOI:10.1051/0004-6361/201118588
- Lumupa ce e:
313. Jing Huang, Baolin Tan, Satoshi Masuda, Xin Cheng, Susanta Kumar Bisoi, and Victor Melnikov. "Localized Microwave and EUV Bright Structures in an Eruptive Prominence" *ApJ* 874 176, 2019, @2019 [Линк](#) **1.000**
314. Francisco A. Iglesias, Hebe Cremades, Luciano A. Merenda, Cristina H. Mandrini, Fernando M. López, Marcelo C. López Fuentes, Ignacio Ugarte-Urra. "Analysis of a long-duration AR throughout five solar rotations: Magnetic properties and ejective events". *Advances in Space Research*, october 2019, @2019 [Линк](#) **1.000**
315. Ana Lourenço*, Sara Carvalho, Teresa Barata, Adriana Garcia, Víctor Carrasco, and Nuno Peixinho, "Solar observations at the Coimbra Astronomical Observatory" *Open Astron.* 2019; 28: 165–179, @2019 [Линк](#) **1.000**
316. Markus J. Aschwanden. "Helical Twisting Number and Braiding Linkage Number of Solar Coronal Loops". *Astrophysical Journal* 874(2):131, 2019, @2019 [Линк](#) **1.000**
163. Gaur, H., Gupta, A. C., **Strigachev, A.**, **Bachev, R.**, **Semkov, E.**, Wiita, P. J., **Peneva, S.**, **Boeva, S.**, Kacharov, N., **Mihov, B.**, Ovcharov, E.. Quasi-simultaneous two band optical rapid variability of the blazars 1ES 1959+650 and 1ES 2344+514. *Monthly Notices of the Royal Astronomical Society*, 420, Oxford University Press, 2012, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2011.20243.x, 3147-3162. ISI IF:5.107
- Lumupa ce e:
317. Liu, H. T., Feng, H. C., Xin, Y. X., Bai, J. M., Search for Intra-day Optical Variability in gamma-ray-loud Blazars S5 0716+714 and 3C 273, 2019, *ApJ*, 880, art. id. 155, @2019 [Линк](#) **1.000**
318. Sosa, M., Estudio observacional de la emisión óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina, @2019 [Линк](#) **1.000**
319. Bhattacharya, D., Gulati, S., Stalin, C. S., Intra-night optical variability of misaligned active galaxies, 2019, *MNRAS*, 483, 3382, @2019 [Линк](#) **1.000**
164. Shevchenko, V. G., Belskaya, I. N., Slyusarev, I. G., Krugly, Yu. N., Chiorny, V. G., Gaftonyuk, N. M., **Donchev, Z.**, Ivanova, V, Ibrahimov, M. A., Ehgamberdiev, Sh. A., Molotov, I. E.. Opposition effect of Trojan asteroids. *Icarus*, 217, 1, 2012, DOI:10.1016/j.icarus.2011.11.001, 202-208. ISI IF:3.038

Цитира се:

320. Lin, H. W.; Gerdes, D. W.; Hamilton, S. J.; Adams, F. C.; Bernstein, G. M.; Sako, M.; Bernadinelli, P.; Tucker, D.; Allam, S.; Becker, J. C.; Khain, T.; Markwardt, L.; Franson, K.; Abbott, T. M. C.; Annis, J.; Avila, S.; Brooks, D.; Carnero R., A.; Carrasco K., M.; Cunha, C. E.; D'Andrea, C. B.; da Costa, L. N.; De Vicente, J.; Doel, P.; Eifler, T. F.; Flaugher, B.; García-Bellido, J.; Hollowood, D. L.; Honscheid, K.; James, D. J.; Kuehn, K.; Kuropatkin, N.; Maia, M. A. G.; Marshall, J. L.; Miquel, R.; Plazas, A. A.; Romer, A. K.; Sanchez, E.; Scarpine, V.; Sevilla-Noarbe, I.; Smith, M., Evidence for color dichotomy in the primordial Neptunian Trojan population, 2019, *Icarus*, 321, 426, @2019 [Линк](#) 1.000

165. Skopal, A., Shugarov, S., Vanko, M., Dubovsky, P., **Peneva, S., Semkov, E.**, Wolf, M.. Recent photometry of symbiotic stars – XIII. *Astronomische Nachrichten*, 333, Wiley, 2012, ISSN:1521-3994, DOI:10.1002/asna.201111655, 242-255. ISI IF:0.922

Цитира се:

321. Merc, J., Gális, R., Wolf, M., Leedjäv, L., Teysier, F., The activity of the symbiotic binary Z Andromedae and its latest outburst, 2019, *Proc. of the 50th Conf. on Variable Stars Research*, vol. 197, Brno, Czech Republic, ed. R. Kocián, p. 23, @2019 [Линк](#) 1.000

166. **Bachev, R., Semkov, E., Strigachev, A.**, Gupta, A. C., Gaur, H., **Mihov, B., Boeva, S., Slavcheva-Mihova, L.** The nature of the intra-night optical variability in blazars. *Monthly Notices of the Royal Astronomical Society*, 424, Oxford University Press, 2012, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2012.21310.x, 2625-2634. ISI IF:5.107

Цитира се:

322. Gazeas, K., Long-Term Optical Monitoring of Blazars, 2019, *Galaxies*, 7(2), art. id. 58, @2019 [Линк](#) 1.000

323. Bhattacharya, D., Gulati, S., Stalin, C. S., Intra-night optical variability of misaligned active galaxies, 2019, *MNRAS*, 483, 3382, @2019 [Линк](#) 1.000

167. Gupta, A. C., Krichbaum, T. P., Wiita, P. J., Rani, B., Sokolovsky, K. V., Mohan, P., Mangalam, A., Marchili, N., Fuhrmann, L., Agudo, I., Bach, U., **Bachev, R.**, Böttcher, M., Gabanyi, K. E., Gaur, H., Hawkins, K., Kimeridze, G. N., Kurtanidze, O. M., Kurtanidze, S. O., Lee, C.-U., Liu, X., McBreen, B., Nesci, R., Nestoras, G., Nikolashvili, M. G., Ohlert, J., M., Palma, N., **Peneva, S.**, Pursimo, T., **Semkov, E., Strigachev, A.**, Webb, J. R., Wiesemeyer, H., Zensus, J., A. Multiwavelength intraday variability of the BL Lacertae S5 0716+714. *Monthly Notices of the Royal Astronomical Society*, 425, Oxford University Press, 2012, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2012.21550.x, 1357-1370. ISI IF:5.107

Цитира се:

324. Koay, J. Y., Jauncey, D. L., Hovatta, T., Kiehlmann, S., Bignall, H. E., Max-Moerbeck, W., Pearson, T. J., Readhead, A. C. S., Reeves, R., Reynolds, C., Vedantham, H., The presence of interstellar scintillation in the 15 GHz interday variability of 1158 OVRO-monitored blazars, 2019, *MNRAS*, 489, 5365, @2019 [Линк](#) 1.000

325. Laura Vega García, Space VLBI studies of internal structure and physical processes in extragalactic relativistic jets, INAUGURAL-DISSERTATION, Zur Erlangung des Doktorgrades der Mathematisch-Naturwissenschaftlichen Fakultät der Universität zu Köln, 2019, Deutschland, @2019 [Линк](#) 1.000

326. Lee, T., Trippe, S., Kino, M., Sohn, B. W., Park, J., Oh, J., Hada, K., Niinuma, K., Ro, H., Jung, T., Zhao, G.-Y., Lee, S.-S., Algaba, J.-C., Akiyama, K., Wajima, K., Sawada-Satoh, S., Tazaki, F., Cho, I., Hodgson, J., Lee, J. A., Hagiwara, Y., Honma, M., Koyama, S., An, T., Cui, Y., Yoo, H., Kawaguchi, N., Roh, D.-G., Oh, S.-J., Yeom, J.-H., Jung, D.-K., Oh, C., Kim, H.-R., Hwang, J.-Y., Byun, D.-Y., Cho, S.-H., Kim, H.-G., Kobayashi, H., Shibata, K. M., Shen, Z., Jiang, W., Lee, J. W., Jet Kinematics of the Quasar 4C +21.35 from Observations with the KaVA Very Long Baseline Interferometry Array, 2019, *MNRAS*, 486, 2412-2421, @2019 [Линк](#) 1.000

327. Liu, H. T., Feng, H. C., Xin, Y. X., Bai, J. M., Search for Intra-day Optical Variability in gamma-ray-loud Blazars S5 0716+714 and 3C 273, 2019, *ApJ*, 880, art. id. 155, @2019 [Линк](#) 1.000

168. Sheel, V., Haider, S. A., Withers, P., **Kozarev, K.**, Jun, I., Kang, S., Gronoff, G., Simon Wedlund, C.. Numerical simulation of the effects of a solar energetic particle event on the ionosphere of Mars. *Journal of Geophysical Research*, 117, A5, 2012, SJR (Scopus):2.42, JCR-IF (Web of Science):3.44

Цитира се:

328. Sánchez-Cano, Beatriz; Blelly, Pierre-Louis; Lester, Mark; Witasse, Olivier; Cartacci, Marco; Orosei, Roberto; Opgenoorth, Hermann; Lillis, Robert; Leblanc, François; Milan, Stephen E.; Conroy, Philip; Floury, Nicolas; Plane, John M. C.; Cicchetti, Andrea; Noschese, Raffaella; Kopf, Andrew J., Origin of the Extended Mars Radar Blackout of September 2017, 2019, *Journal of Geophysical Research: Space Physics*, Volume 124, Issue 6, pp. 4556-4568., @2019 [Линк](#) 1.000

169. Pribulla, T., Vaňko, M., Ammler-von Eiff, M., ..., **Dimitrov, D.**, et al.. The Dwarf project: Eclipsing binaries - precise clocks to discover exoplanets. *Astronomische Nachrichten*, 333, 8, WILEY-VCH, 2012, DOI:10.1002/asna.201211722, 754-766. ISI IF:0.922

Цитира се:

329. Gazeas, K., Palafouta, S., "DV Psc: A Magnetically Active Hierarchical Triple System", *Acta Astronomica*, vol 69, no 3, p. 261-282, 2019, @2019 [Линк](#) 1.000

330. Pi, Qing-feng, Zhang, Li-yun, Bi, Shao-lan, Han, Xianming L., Lu, Hong-peng, Yue, Qiang, Long, Liu, Yan, Yan, "Magnetic Activity and Orbital Period Study for the Short-period RS CVn-type Eclipsing Binary DV Psc", The Astrophysical Journal, Volume 877, Issue 2, article id. 75, 25 pp. (2019), @2019 [Линк](#) 1.000
170. Gaur, H., Gupta, A. C., **Strigachev, A.**, **Bachev, R.**, **Semkov, E.**, Wiita, P. J., **Peneva, S.**, **Boeva, S.**, **Slavcheva-Mihova, L.**, **Mihov, B.**, **Latev, G.**, Pandey, U. S.. Optical Flux and Spectral Variability of Blazars. Monthly Notices of the Royal Astronomical Society, 425, Oxford University Press, 2012, ISSN:0035-8711, DOI:10.1111/j.1365-2966.2012.21583.x, 3002-3023. ISI IF:5.107
- [Lumupa ce e:](#)
331. Zeng, W., Hu, W., Zhang, G.-M., Wen, T., Yang, S.-B., Geng, X.-F., Wu, X.-H., Zhou, X.-Z., Dai, B.-Z., Minute-scale Rapid Variability of Mrk 501 by Multi-Band, Photometric Monitoring from 2010 to 2017, 2019, PASP, 131, art. id. 074102, @2019 [Линк](#) 1.000
332. Sosa, M., Estudio observacional de la emision óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina, @2019 [Линк](#) 1.000
333. Abrahamyan, H. V., Mickaelian, A. M., Paronyan, G. M., Mikayelyan, G. A., Optical variability of blazars, 2019, AN, 340, 437, @2019 [Линк](#) 1.000
171. Hénault-Brunet, V., Gieles, M., Evans, C. J., Sana, H., Bastian, N., Maíz Apellániz, J., Taylor, W. D., **Markova, N.**, Bressert, E., de Koter, A., van Loon, J. Th.. The VLT-FLAMES Tarantula Survey. VI. Evidence for rotation of the young massive cluster R136. Astronomy and Astrophysics, 545, 2012, DOI:10.1051/0004-6361/201219472, L1. ISI IF:4.378
- [Lumupa ce e:](#)
334. Krumholz, Mark R.; McKee, Christopher F.; Bland-Hawthorn, Joss Star Clusters Across Cosmic Time Annual Review of Astronomy and Astrophysics, vol. 57, p.227-303, @2019 1.000
172. Hénault-Brunet, V., Evans, C. J., Sana, H., Gieles, M., Bastian, N., Maíz Apellániz, J., **Markova, N.**, Taylor, W. D., Bressert, E., Crowther, P. A., van Loon, J. T. The VLT-FLAMES Tarantula Survey. VII. A low velocity dispersion for the young massive cluster R136. Astronomy and Astrophysics, 546, 2012, DOI:10.1051/0004-6361/201219471, A73. ISI IF:4.378
- [Lumupa ce e:](#)
335. Webb, Jeremy J.; Leigh, Nathan W. C.; Serrano, Roberto; Bellovary, Jillian; Ford, K. E. Saavik; McKernan, Barry; Spera, Mario; Trani, Alessandro A. The evolution of kicked stellar-mass black holes in star cluster environments - II. Rotating star clusters Monthly Notices of the Royal Astronomical Society, Volume 488, Issue 3, p.3055-3066, @2019 1.000
336. Tehrani, Katie A.; Crowther, Paul A.; Bestenlehner, Joachim M.; Littlefair, Stuart P.; Pollock, A. M. T.; Parker, Richard J.; Schnurr, Olivier Weighing Melnick 34: the most massive binary system known Monthly Notices of the Royal Astronomical Society, Volume 484, Issue 2, p.2692-2710, @2019 1.000

2013

173. Helder, E. A., Broos, P. S., Dewey, D., Dwek, E., McCray, R., Park, S., Racusin, J. L., **Zhekov, S. A.**, Burrows, D. N.. Chandra Observations of SN 1987A: The Soft X-Ray Light Curve Revisited. The Astrophysical Journal, 764, 2013, 11. ISI IF:5.993
- [Lumupa ce e:](#)
337. Orlando, S.; Ono, M.; Nagataki, S.; Miceli, M.; Umeda, H.; Ferrand, G.; Bocchino, F.; Petruk, O.; Peres, G.; Takahashi, K.; Yoshida, T., "Hydrodynamic simulations unravel the progenitor-supernova-remnant connection in SN 1987A", eprint arXiv:1912.03070, @2019 [Линк](#) 1.000
338. Orlando, S.; Miceli, M.; Petruk, O.; Ono, M.; Nagataki, S.; Aloy, M. A.; Mimica, P.; Lee, S.-H.; Bocchino, F.; Peres, G.; Guarrasi, M., "3D MHD modeling of the expanding remnant of SN 1987A. Role of magnetic field and non-thermal radio emission", Astronomy & Astrophysics, Volume 622, id.A73, 15, @2019 [Линк](#) 1.000
174. **Semkov, E. H.**, **Peneva, S. P.**, Munari, U., Dennefeld, M., Mito, H., **Dimitrov, D. P.**, **Ibryamov, S.**, **Stoyanov, K. A.**. Photometric and spectroscopic variability of the FUor star V582 Aurigae. Astronomy and Astrophysics, 556, IOPscience, 2013, ISSN:0004-6361, DOI:10.1051/0004-6361/201321732, 60. SJR:1.192, ISI IF:4.479
- [Lumupa ce e:](#)
339. Zsidi, G., Ábrahám, P., Acosta-Pulido, J. A., Kóspál, Á., Kun, M., Szabó, Zs. M., Bódi, A., Cseh, B., Castro Segura, N., Hanyecz, O., Ignác, B., Kalup, Cs., Kriskovics, L., Mészáros, L., Ordasi, A., Pál, A., Sárneczky, K., Seli, B., Sódor, Á., Szakáts, R., The weakening outburst of the young eruptive star V582 Aur, 2019, ApJ, 873, art. id. 130, @2019 [Линк](#) 1.000
175. Bhatta, G., Webb, J. R.; Hollingsworth, H.; Dhalla, S.; Khanuja, A., **Bachev, R.**, Blinov, D. A.; Böttcher, M., Bravo Calle, O. J. A.; Calciolone, P.; Capezzali, D., Carosati, D.; Chigladze, R.; Collins, A.; Coloma, J. M., Efimov, Y.; Gupta, A. C.; Hu, S.-M.; Kurtanidze, O., Lamerato, A.; Larionov, V. M.; Lee, C.-U.; Lindfors, E., Murphy, B.; Nilsson, K.; Ohlert, J. M.; Oksanen, A., Pääkkönen, P.; Pollock, J. T.; Rani, B.; Reinthal, R., Rodriguez, D.; Ros, J. A.; Roustazadeh, P.; Sagar, R., Sanchez, A.; Shastri, P.; Sillanpää, A., **Strigachev, A.**, Takalo, L.; Vennes, S.;

Villata, M.; Villforth, C., Wu, J.; Zhou, X.. The 72-h WEBT microvariability observation of blazar S5 0716 + 714 in 2009. *Astronomy & Astrophysics*, 558, 2013, 92. ISI IF:4.378

Lumupa ce e:

340. Agarwal, A., Cellone, S. A., Andruchow, I., Mammama, L., Singh, M., Anupama, G. C.; Mihov, B.; Raj, A., Slavcheva-Mihova, L.; Özdönmez, A., "Multiband optical variability of 3C 279 on diverse time-scales", 2019, *MNRAS*, 488, 4093, @2019 1.000
341. Wehrle, A. E., Carini, M., Wiita, P. J., "Measuring the Variability in K2 Optical Light Curves of the Binary Black Hole Candidate OJ 287 and Other Fermi Active Galactic Nuclei in 2014-2015", 2019, *ApJ*, 877, 151, @2019 1.000

176. Raiteri, C. M., Villata, M., D'Ammando, F., Larionov, V. M., Gurwell, M. A., Mirzaqulov, D. O., Smith, P. S., Acosta-Pulido, J. A., Agudo, I., Arevalo, M. J., **Bachev, R.**, Benitez, E., Berdyugin, A., Blinov, D. A., Borman, G. A., Bottcher, M., Bozhilov, V., Carnerero, M. I., Carosati, D., Casadio, C., Chen, W. P., Doroshenko, V. T., Efimov, Yu. S., Efimova, N. V., Ehgamberdiev, Sh. A., Gomez, J. L., Gonzalez-Morales, P. A., Hiriart, D., **Ibryamov, S.**, Jadhav, Y., Jorstad, S. G., Joshi, M., Kadenius, V., Klimanov, S. A., Kohli, M., Konstantinova, T. S., Kopatskaya, E. N., Koptelova, E., Kimeridze, G., Kurtanidze, O. M., Larionova, E. G., Larionova, L. V., Ligustri, R., Lindfors, E., Marscher, A. P., McBreen, B., McHardy, I. M., Metodjeva, Y., Molina, S. N., Morozova, D. A., Nazarov, S. V., Nikolashvili, M. G., Nilsson, K., Okhmat, D. N., Ovcharov, E., Panwar, N., Pasanen, M., **Peneva, S.**, Phipps, J., Pulatova, N. G., Reinthal, R., Ros, J. A., Sadun, A. C., Schwartz, R. D., **Semkov, E.**, Sergeev, S. G., Sigua, L. A., Sillanpaa, A., Smith, N., **Stoyanov, K.**, **Strigachev, A.**, Takalo, L. O., Taylor, B., Thum, C., Troitsky, I. S., Valcheva, A., Wehrle, A. E., Wiesemeyer, H.. The awakening of BL Lacertae: observations by Fermi, Swift and the GASP-WEBT. *Monthly Notices of the Royal Astronomical Society*, 436, 2013, DOI:10.1093/mnras/stt1672, 1530-1545. ISI IF:5.107

Lumupa ce e:

342. Ding, N., Gu, Q. S., Geng, X. F., Xiong, D.-R., Xue, R., Wang, X. Y., Guo, X. T., Exploring the origin of multiwavelength activities of high-redshift FSRQ PKS 1502+106 during 2014-2018, 2019, *ApJ*, 881, art. id. 125, @2019 [Линк](#) 1.000
343. Morris, P. J., Variability in Gamma-ray Sources, 2019, PhD thesis, University of Oxford, UK, @2019 [Линк](#) 1.000
344. Shablovinskaya, E. S., Afanasiev, V. L., The intraday variations of the polarization vector direction in radio source S5 0716+714, 2019, *MNRAS*, 482, 4322, @2019 [Линк](#) 1.000
345. Shao, X., Jiang, Y., Chen, X., Curvature-induced Polarization and Spectral Index Behavior for PKS 1502+106, 2019, *ApJ*, 884, art. id. 15, @2019 [Линк](#) 1.000
346. Rani, B., "Radio galaxies - the TeV challenge", 2019, *Galaxies*, 7(1), id. 23, @2019 [Линк](#) 1.000
347. Prince, R., "Multi-frequency variability study of Ton 599 during high activity of 2017", 2019, *ApJ*, Volume 871, Issue 1, article id. 101, @2019 [Линк](#) 1.000
348. Kapanadze, B., BL Lacertae Objects: A Short Review, 2019, *Communications of BAO*, 66, 121-142, @2019 [Линк](#) 1.000
349. Sarkar, A., Chitnis, V. R., Gupta, A. C., Gaur, H., Patel, S. R., Wiita, P. J., Volvach, A. E., Tornikoski, M., Chamani, W., Enestam, S., Lähteenmäki, A., Tammi, J., Vera, R. J. C., Volvach, L. N., Long term variability and correlation study of the blazar 3C 454.3 in radio, NIR and optical wavebands, 2019, *ApJ*, 887, art. id. 186, @2019 [Линк](#) 1.000

177. Kjurkchieva, D., **Dimitrov, D.**, **Ibryamov, S.**, Srinivasa Rao, M.. GSC 2701-2527, a new multiperiodic high-amplitude Delta Scuti variable. *Bulletin of the Astronomical Society of India*, 41, 2, 2013, 173. SJR:1

Lumupa ce e:

350. Essam, A., Abdel-Sabour, M., Bakr Ali, G., "KAO-EGYPT J064512.06+341749.2 is a Low Amplitude and Multi-Periodic δ Scuti Variable Star", *JAAVSO* Volume 47, 2019, @2019 [Линк](#) 1.000

178. Errmann, R., Neuhäuser, R., Marschall, L., Torres, G., Mugra, Chen, W. P., Hu, S. C.-L., Briceno, C., Chini, R., Bukowieck, **Dimitrov, D. P.**, Kjurkchieva, D., Jensen, E. L. N., Cohen, D. H., Wu, Z.-Y., Pribulla, T., Vanko, M., Krushevska, V., Budaj, J., Oasa, Y., Pandey, A. K., Fernandez, M., Kellerer, A., Marka, C.. The stellar content of the young open cluster Trumpler 37. *Astronomische Nachrichten*, 334, 7, 2013, DOI:10.1002/asna.201311890, 673-681. ISI IF:0.922

Lumupa ce e:

351. Meng, H. Y. A., Rieke, G. H., Kim, J. S., Sicilia-Aguilar, A., Cross, N. J. G., Esplin, T., Rebull, L. M., Hodapp, K. W., "Near-infrared Variability of Low-mass Stars in IC 1396A and Tr 37", *The Astrophysical Journal*, 878, 1, 7, 2019, @2019 [Линк](#) 1.000

179. Maciejewski, G., **Dimitrov, D.**, Seeliger, M., Raetz, St., Bukowiecki, L., Kitze, M., Errmann, R., Nowak, G., Niedzielski, A., **Popov, V.**, Marka, C., Gozdziwski, K., Neuhäuser, R., Ohlert, J., Hinse, Lee, J. W., Lee, C.-U., Yoon, J.-N., Berndt, A., Gilbert, H., Ginski, Ch., Hohle, M. M., Mugrauer, M., Röhl, T., Schmidt, Tetzlaff, N., Mancini, L., Southworth, J., Dall'Ora, M., Zambelli, R., Corfini, G., Takahashi, H., Tachihara, K., Benko, J. M., Sármeczky, K., Szabo, Gy. M., Varga, T. N., Vanko, M., Joshi, Y. C., Chen, W. P.. Multi-site campaign for transit timing variations of WASP-12 b: possible detection of a long-period signal of planetary origin. *Astronomy and Astrophysics*, 551, *EDP Sciences*, 2013, DOI:10.1051/0004-6361/201220739, 108-123. ISI IF:4.378

Lumupa ce e:

352. Bailey, A., Goodman, J., "Understanding WASP-12b", *Monthly Notices of the Royal Astronomical Society*, Volume 482, Issue 2, Pages 1872–1882, 2019, @2019 [Линк](#) 1.000

353. Baluev, R. V., Sokov, E. N., Jones, H. R. A., Shaidulin, V. Sh., Sokova, I. A., Nielsen, L. D., Benni, P., Schneiter, E. M., Villarreal D'Angelo, C., Fernández-Lajús, E., et al., "Homogeneously derived transit timings for 17 exoplanets and reassessed TTV trends for WASP-12 and WASP-4", Monthly Notices of the Royal Astronomical Society, Volume 490, Issue 1, p.1294-1312, 2019, @2019 [Линк](#) 1.000
354. Adams, A. D., Millholland, S., Laughlin, G. P., "Signatures of Obliquity in Thermal Phase Curves of Hot Jupiters", The Astronomical Journal, Volume 158, Issue 3, article id. 108, 16 pp. (2019),. @2019 [Линк](#) 1.000
355. Öztürk, Oğuz; Erdem, Ahmet, "New photometric analysis of five exoplanets: CoRoT-2b, HAT-P-12b, TrES-2b, WASP-12b, and WASP-52b", Monthly Notices of the Royal Astronomical Society, Volume 486, Issue 2, p.2290-2307, (2019), @2019 [Линк](#) 1.000
180. **Boris Komitov**, Vladimir Kaftan. The sunspot cycle no. 24 in relation to long term solar activity variation. Journal of Advanced Research, 4, 3, Elsevier, 2013, ISSN:2090-1232, 279-282. SJR:1.87
- Лумупа се в:
356. Schonfeld, S. J.; White, S. M.; Henney, C. J.; Hock-Mysliwiec, R. A.; McAteer, R. T. J., The Slowly Varying Corona. II. The Components of F 10.7 and Their Use in EUV Proxies, The Astrophysical Journal, Volume 884, Issue 2, article id. 141, 11 pp., 2019., @2019 [Линк](#) 1.000
181. Skopal, A., **Tomov, N. A., Tomova, M. T.** Discovery of collimated ejection from the symbiotic binary BF Cygni. Astronomy and Astrophysics, 551, EDP Sciences, 2013, ISSN:0004-6361, DOI:10.1051/0004-6361/201321030, L10. ISI IF:4.479
- Лумупа се в:
357. Lee, Young-Min; Lee, Hee-Won; Lee, Ho-Gyu; Angeloni, Rodolfo. "Stellar Wind Accretion and Raman Scattered O VI Features in the Symbiotic Star AG Draconis". MNRAS 487, Issue 2, p.2166-2176, 2019, @2019 [Линк](#) 1.000
182. **Kozarev, K. A.**, Rebekah M. Evans, Nathan A. Schwadron, Maher A. Dayeh, Merav Opher, Kelly E. Korreck, Bart van der Holst. Global Numerical Modeling of Energetic Proton Acceleration in a CME Traveling Through the Solar Corona. Astrophysical Journal, 778, IOP Publishing, 2013, 43. SJR:3.547
- Лумупа се в:
358. Kong, Xiangliang; Guo, Fan; Chen, Yao; Giacalone, Joe. "The Acceleration of Energetic Particles at Coronal Shocks and Emergence of a Double Power-law Feature in Particle Energy Spectra", 2019, The Astrophysical Journal, Volume 883, Issue 1, article id. 49, 12 pp., @2019 1.000
359. Vlahos, Loukas; Anastasiadis, Anastasios; Papaioannou, Athanasios; Kouloumvakos, Athanasios; Isliker, Heinz. "Sources of solar energetic particles", 2019, Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, vol. 377, issue 2148, p. 20180095, @2019 1.000
360. Wijsen, N.; Aran, A.; Pomoell, J.; Poedts, S. "Modelling three-dimensional transport of solar energetic protons in a corotating interaction region generated with EUHFORIA", 2019, Astronomy & Astrophysics, Volume 622, id.A28, 17 pp., @2019 1.000
183. Acharya, B. S., Actis, M., Aghajani, T., ..., **Bonev, T.**, ..., **Dimitrov, D.**, et al.. Introducing the CTA concept. Astroparticle Physics, 43, 1, Elsevier B.V., 2013, ISSN:0927-6505, DOI:10.1016/j.astropartphys.2013.01.007, 3-18. SJR:2.077, ISI IF:3.584
- Лумупа се в:
361. Taffoni, G., Murante, G., Tornatore, L., Katevenis, M., Chrysos, N., Marazakis, M., "Shall Numerical Astrophysics Step Into the Era of Exascale Computing?", Astronomical Data Analysis Software and Systems XXVI ASP Conference Series, Vol. 521, proceedings of a conference held (16-20 October 2016) at Stazione Marittima Conference Centre, Trieste, Italy. Edited by Marco Molinaro, Keith Shortridge, and Fabio Pasian. San Francisco: Astronomical Society of the Pacific, 2019, p.567, 2019, @2019 1.000
362. Matthews, N., "Astrophysical measurements with the VERITAS Stellar Intensity Interferometer", 36th International Cosmic Ray Conference (ICRC2019), held July 24th-August 1st, 2019 in Madison, WI, U.S.A. Online at <https://pos.sissa.it/cgi-bin/reader/conf.cgi?confid=358>, id.740, 2019, @2019 [Линк](#) 1.000
363. Liang, Yun-Feng, Zhang, Cun, Xia, Zi-Qing, Feng, Lei, Yuan, Qiang, Fan, Yi-Zhong, "Constraints on axion-like particle properties with TeV gamma-ray observations of Galactic sources", Journal of Cosmology and Astroparticle Physics, Issue 06, article id. 042 (2019),. @2019 [Линк](#) 1.000
364. Xia, Zi-Qing; Liang, Yun-Feng; Feng, Lei; Yuan, Qiang; Fan, Yi-Zhong; Wu, Jian, "Searching for the possible signal of the photon-axionlike particle oscillation in the combined GeV and TeV spectra of supernova remnants", Physical Review D, Volume 100, Issue 12, id.123004 2019, @2019 [Линк](#) 1.000
365. Schael, S.; Atanasyan, A.; Berdugo, J.; Bretz, T.; Czupalla, M.; Dachwald, B.; von Doetinchem, P.; Duranti, M.; Gast, H.; Karpinski, W.; Kim, T.; Lübelsmeyer, K.; Maña, C.; Marrocchesi, P. S.; Mertsch, P.; et al., "AMS-100: The next generation magnetic spectrometer in space - An international science platform for physics and astrophysics at Lagrange point 2", Nuclear Inst. and Methods in Physics Research, A, Volume 944, article id. 162561., @2019 [Линк](#) 1.000
366. Dzhatdov, T., Khalikov, E., Podlesnyi, E., Telegina, A., "Intergalactic γ -ray propagation: basic ideas, processes, and constraints", Journal of Physics: Conference Series, Volume 1181, Issue 1, article id. 012049 (2019),. @2019 [Линк](#) 1.000

367. Calore, Francesca, Hütten, Moritz, Stref, Martin, "Gamma-Ray Sensitivity to Dark Matter Subhalo Modelling at High Latitudes", *Galaxies* 2019, 7(4), 90, @2019 [Линк](#) 1.000
368. Nigro, Cosimo, "Study of Persistent and Flaring Gamma-Ray Emission from Active Galactic Nuclei with the MAGIC Telescopes and Prospects for Future Open Data Formats in Gamma-Ray Astronomy", Dissertation Humboldt-Universität zu Berlin, Mathematisch-Naturwissenschaftliche Fakultät 2019, @2019 [Линк](#) 1.000
369. Ambrosi, G., Ambrosio, M., Aramo, C., Bertucci, B., Bissaldi, E., Bitossi, M., Boiano, A., Bonavolontà, C., Caprai, M., Consiglio, L., Di Venere, L., et al., "Assembly and validation of SiPM optical modules for the SCT Medium Size Telescope proposed for the CTA observatory", *Nuclear and Particle Physics Proceedings*, 306-308, 37 - 41, 2019, @2019 [Линк](#) 1.000
370. Štefánik, Stanislav, "Study of high energy cosmic gamma rays", Praha, 2019. Dizertační práce. Univerzita Karlova, Matematicko-fyzikální fakulta, Ústav částicové a jaderné fyziky. Vedoucí práce Nosek, Dalibor., @2019 [Линк](#) 1.000
371. Marinello, Nicola, Convolutional Neural Network Single-Telescope Reconstruction for the Large Size Telescope of CTA. [Magistrali biennial] Department of Information Engineering Università degli Studi di Padova (2019), @2019 [Линк](#) 1.000
372. Sabato, G., "Making the invisible visible: Searches for invisible Higgs decays at LHC with the ATLAS detector", *Faculteit der Natuurwetenschappen, Wiskunde en Informatica Universiteit van Amsterdam*, 2019, @2019 [Линк](#) 1.000
373. Ambrosi, G., Ambrosio, M., Aramo, C., Bertucci, B., E. Bissaldi, M. Bitossi, C. Boiano, C. Bonavolontà, M. Caprai, L. Consiglio, L. Di Venere, E. Fiandrini, N. Giglietto, F. Giordano, M. Ionica, F. Liciulli, S. Loporchio, V. Masone, R. Paoletti, A. Rugliancich, L. Tosti, V. Vagelli and M. Valentino "SiPM optical modules for the Schwarzschild-Couder Medium Size Telescopes proposed for the CTA observatory", *EPJ Web Conf.*, 209 (2019) 01049, @2019 [Линк](#) 1.000
374. Hütten, M.; Stref, M.; Combet, C.; Lavalle, J.; Maurin, D. γ -ray and ν Searches for Dark-Matter Subhalos in the Milky Way with a Baryonic Potential. *Galaxies* 2019, 7, 60., @2019 [Линк](#) 1.000
375. Leitl, Franziska, "Preparatory investigations for the construction of a table-top PMD station", Bachelorarbeit aus der Physik Erlangen Centre for Astroparticle Physics Friedrich-Alexander-Universität Erlangen-Nürnberg 2019, @2019 [Линк](#) 1.000
376. He, Dong-Ze, Bi, Xiao-Jun, Lin, Su-Jie, Yin, Peng-Fei, Zhang, Xin, "Prospect for dark matter annihilation signatures from gamma-ray observation of dwarf galaxies by LHAASO", *Phys. Rev. D* 100, 083003 – Published 7 October 2019, @2019 [Линк](#) 1.000
377. Mitchell, A.M.W., Dembinski, H.P., Parsons, R.D., "Potential for measuring the longitudinal and lateral profile of muons in TeV air showers with IACTs", *Astroparticle Physics*, 111, 23 - 34, 2019, @2019 [Линк](#) 1.000
378. Astapov, K., Kirpichnikov, D., Satunin, P., "Photon splitting constraint on Lorentz invariance violation from Crab Nebula spectrum", *Journal of Cosmology and Astroparticle Physics*, 2019, 04, 054-054, (2019), @2019 [Линк](#) 1.000
379. Chen, Tianlu, Liu, Cheng, Gao, Qi, Cai, Hui, Wang, Zhen, et al., "Performance of a wide field-of-view atmospheric Cherenkov telescope prototype based on a refractive lens", *Nuclear Instruments and Methods in Physics Research Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, 927, 46 - 53, 2019, @2019 [Линк](#) 1.000
380. Dzhatdov, T., Podlesnyi, E., "Massive Argon Space Telescope (MAST): A concept of heavy time projection chamber for γ -ray astronomy in the 100 MeV–1 TeV energy range", *Astroparticle Physics*, 112, 1 - 7, 2019, @2019 [Линк](#) 1.000
381. Böttcher, M. Progress in Multi-Wavelength and Multi-Messenger Observations of Blazars and Theoretical Challenges. *Galaxies* 2019, 7, 20., @2019 [Линк](#) 1.000
382. Jiménez-López, M., Machado-Cano, J.M., Rodríguez-Álvarez, M., Stephan, M., Giavitto, G., Berge, D., Díaz, J., "Optimized framegrabber for the Cherenkov telescope array", *J. of Astronomical Telescopes, Instruments, and Systems*, 5(1), 014001 (2019)., @2019 [Линк](#) 1.000
383. Alves Batista R., de Almeida R. M., Lago B., Kotera K., "Cosmogenic photon and neutrino fluxes in the Auger era", *Journal of Cosmology and Astroparticle Physics*, 2019, 01, 002, @2019 [Линк](#) 1.000
184. Schwadron, Nathan A., Gorby, Matt, Török, Tibor, Downs, Cooper, Linker, Jon, Lionello, Roberto, Mikić, Zoran, Riley, Pete, Giacalone, Joe, Chandran, Ben, Germaschewski, Kai, Isenberg, Phil A, Lee, Martin A, Lugaz, Noe, Smith, Sonya, Spence, Harlan E., Desai, Mihir, Kasper, Justin, **Kozarev, Kamen**, Korreck, Kelly, Stevens, Mike, Cooper, John, MacNeice, Peter. Synthesis of 3-D Coronal-Solar Wind Energetic Particle Acceleration Modules. *Space Weather: The International Journal of Research and Applications*, 12, 6, Wiley-Blackwell, 2013, 323-328. ISI IF:2.627
- Лумура се е:
384. Anastasiadis, Anastasios; Lario, David; Papaioannou, Athanasios; Kouloumvakos, Athanasios; Vourlidis, Angelos, Solar energetic particles in the inner heliosphere: status and open questions, 2019, *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, vol. 377, issue 2148, p. 20180100., @2019 [Линк](#) 1.000
385. Wijsen, N.; Aran, A.; Pomoell, J.; Poedts, S., Interplanetary spread of solar energetic protons near a high-speed solar wind stream, 2019, *Astronomy & Astrophysics*, Volume 624, id.A47, 12 pp., @2019 [Линк](#) 1.000
386. Wijsen, N.; Aran, A.; Pomoell, J.; Poedts, S., Modelling three-dimensional transport of solar energetic protons in a corotating interaction region generated with EUHFORIA, 2019, *Astronomy & Astrophysics*, Volume 622, id.A28, 17 pp., @2019 [Линк](#) 1.000
387. Wei, Wenwen; Shen, Fang; Yang, Zicai; Zhao, Lulu; Wang, Yang; Zuo, Pingbing; Zhang, Jie, Modeling solar energetic particle transport in 3D background solar wind: Influences of the compression regions, 2019, *Journal of Atmospheric and Solar-Terrestrial Physics*, Volume 182, p. 155-164, @2019 [Линк](#) 1.000

185. Ramírez-Agudelo, O. H., Simón-Díaz, S., Sana, H., de Koter, A., Sabín-Sanjulian, C., de Mink, S. E., Dufton, P. L., Gräfener, G., Evans, C. J., Herrero, A., Langer, N., Lennon, D. J., Maíz Apellániz, J., **Markova, N.**, Najarro, F., Puls, J., Taylor, W. D., Vink, J. S.. The VLT-FLAMES Tarantula Survey. XII. Rotational velocities of the single O-type stars. *Astronomy and Astrophysics*, 560, 2013, DOI:10.1051/0004-6361/201321986, A29. ISI IF:4.378

Lumupa ce e:

388. Ramachandran, V.; Hamann, W. -R.; Oskinova, L. M.; Gallagher, J. S.; Hainich, R.; Shenar, T.; Sander, A. A. C.; Todt, H.; Fulmer, L Testing massive star evolution, star formation history, and feedback at low metallicity. *Spectroscopic analysis of OB stars in the SMC Wing Astronomy & Astrophysics*, Volume 625, id.A104, 20 pp., @2019 1.000
389. Orellana, R.; Escárte, P.; Curé, M.; Christen, A.; Carvajal, R.; Agüero, J. C. A method to deconvolve stellar rotational velocities. III. The probability distribution function via maximum likelihood utilizing finite distribution mixtures *Astronomy & Astrophysics*, Volume 623, id.A138, 11 pp., @2019 1.000
390. Hernandez, Svea; Larsen, Søren; Aloisi, Alessandra; Berg, Danielle A.; Blair, William P.; Fox, Andrew J.; Heckman, Timothy M.; James, Bethan L.; Long, Knox S.; Skillman, Evan D.; Whitmore, Bradley C. The First Metallicity Study of M83 Using the Integrated UV Light of Star Clusters *The Astrophysical Journal*, Volume 872, Issue 2, article id. 116, 14 pp., @2019 1.000
391. Davies, Ben; Dessart, Luc The surface abundances of red supergiants at core collapse *Monthly Notices of the Royal Astronomical Society*, Volume 483, Issue 1, p.887-895, @2019 1.000
392. Fujisawa, Kotaro; Okawa, Hirokata; Yamamoto, Yu; Yamada, Shoichi Effects of Rotation and Magnetic Field on the Revival of a Stalled Shock in Supernova Explosions *The Astrophysical Journal*, Volume 872, Issue 2, article id. 155, 17 pp., @2019 1.000
393. Choplin, Arthur; Tominaga, Nozomu; Ishigaki, Miho N. Inferring the velocity of early massive stars from the abundances of extremely metal-poor stars *Astronomy & Astrophysics*, Volume 632, id.A62, 26 pp, @2019 1.000
394. Augustson, Kyle C. Magnetism in Massive Stars *Proceedings for Stellar Magnetic Fields: A workshop in honour of the career and contributions of John Landstreet*, July 8-11th, 2019 London, Ontario, Canada, @2019 1.000
395. Bouchaud, K.; Domiciano de Souza, A.; Rieutord, M.; Reese, D. R.; Kervella, P. A realistic two-dimensional model of Altair , 2019, A&A eprint arXiv:1912.03138, @2019 1.000
396. Lecoanet, Daniel; Cantiello, Matteo; Quataert, Eliot; Couston, Louis-Alexandre; Burns, Keaton J.; Pope, Benjamin J. S.; Jermyn, Adam S.; Favier, Benjamin; Le Bars, Michael Low-frequency Variability in Massive Stars: Core Generation or Surface Phenomenon? " *The Astrophysical Journal Letters*, Volume 886, Issue 1, article id. L15, 13 pp. (2019)., @2019 1.000
397. Srajan, Niharika; Marchant, Pablo; Kalogera, Vassiliki Progenitors of Type IIb Supernovae. I. Evolutionary Pathways and Rates " *The Astrophysical Journal*, Volume 885, Issue 2, article id. 130, 17 pp. (2019)., @2019 1.000

2014

186. Nikolov, T., **Petrov, N.** Main Factors Influencing Climate Change: A Review. *Comptes rendus de l'Acad'e mie bulgare des Sciences*, 67, 11, "Prof. Marin Drinov", 2014, SJR:0.21, ISI IF:0.284

Lumupa ce e:

398. Alexey Stoev, Penka Stoeva. "COSMIC RAY AND SOLAR ACTIVITY INFLUENCES ON LONG-TERM VARIATIONS OF CAVE CLIMATE SYSTEMS". *Aerospace Research in Bulgaria*. 31. pp. 61-70, 2019, @2019 [Линк](#) 1.000
399. G. Cola, L. Mariani, D. Maghradze, O. Failla. "Changes in thermal resources and limitations for Georgian viticulture". *Australian Journal of Grape and Wine Research*. 2019, @2019 [Линк](#) 1.000
400. Цветков, Цветан. "Изследване на дестабилизацията и ерупцията на протуберанси/влакна в активни области на Слънцето", Институт по астрономия с НАО, Ръководител: проф. д-р Е. Семков, 2019., @2019 [Линк](#) 1.000

187. **Stoyanov, K. A., Zamanov, R. K., Latev, G. Y.,** Abedin, A. Y., **Tomov, N. A.** Orbital parameters of the high-mass X-ray binary 4U 2206+54. *Astronomische Nachrichten*, 335, 2014, 1060. SJR:0.775, ISI IF:0.922

Lumupa ce e:

401. Staubert, R., Trümper, J., Kendziorra, E., Klochkov, D., Postnov, K., Kretschmar, P., Pottschmidt, K., Haberl, F., Rothschild, R. E., Santangelo, A., Wilms, J., Kreykenbohm, I. Fürst, F.: 2019, A&A 622, 61 - Cyclotron lines in highly magnetized neutron stars, @2019 1.000

188. **Ibryamov, S., Semkov, E., Peneva, S.** A long-term UBVRi photometric study of the pre-main sequence star V350 Cep. *Research in Astronomy and Astrophysics*, 14, 10, 2014, DOI:10.1088/1674-4527/14/10/005, 1264-1268. ISI IF:1.64

Lumupa ce e:

402. Contreras Peña, C., Naylor, T., Morrell, S., Determining the recurrence timescale of long-lasting YSO outbursts, 2019, *MNRAS*, 486, 4590–4611, @2019 [Линк](#) 1.000
403. Siwak, M., Drózd, M., Gut, K., Winiarski, M., Ogłóza, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, 69, 227-260, @2019 [Линк](#) 1.000

189. Seeliger, M., **Dimitrov, D.**, Kjurkchieva, D., Mallonn, M., Fernandez, M., Kitzte, M., Casa, Maciejewski, G., Ohlert, J. M., Schmidt, J. G., Pannicke, A., Göğüs, E., Güver, T., Bilir, S., Ak, T., Hohle, M. M., Schmi, Errmann, R., Jensen, E., Cohen, D., Marschall, L., Saral, G., Bernt, I., Derman, E., Galan, C., Neuhäuser, R. Transit timing analysis in the HAT-P-32 system. Monthly Notices of the Royal Astronomical Society, 441, 1, Oxford University Press, 2014, DOI:10.1093/mnras/stu567, 304-315. ISI IF:5.107
[Lumupa ce e:](#)
404. Wang, Y-H., Wang, S., Hinse, T. C., Wu, Z-Y., Davis, A. B., Hori, Y., Yoon, J-N., Han, W., Nie, J-D., Liu, H-G., Zhang, H., Zhou, J-L., Wittenmyer, R. A., Peng, X-Y., Laughlin, G., "Transiting Exoplanet Monitoring Project (TEMP). V. Transit Follow Up for HAT-P-9b, HAT-P-32b, and HAT-P-36b", The Astronomical Journal, 157, 2, 82, 2019, @2019 [Линк](#) 1.000
190. Maciejewski, G., Ohlert, J., **Dimitrov, D.**, Puchalski, D., Nedorosic, J., Vanko, M., Marka, C., Baar, S., Raetz, St., Seeliger, M., Neuhauser, R.. Revisiting Parameters for the WASP-1 Planetary System. Acta Astronomica, 64, 1, 2014, ISSN:Acta Astronomica, 11-26. ISI IF:3
[Lumupa ce e:](#)
405. Goyal, J., "Atmospheric Library of Far Away Worlds: Developing a Library of Model Simulations to Interpret Observations of Exoplanet Atmospheres", PhD in Physics University of Exeter, 2019, @2019 [Линк](#) 1.000
191. Poljančič Beljan, I., Jurdana-Šepić, R., **Semkov, E. H.**, **Ibryamov, S.**, **Peneva, S. P.** Long-term photometric observations of pre-main sequence objects in the field of North America/Pelican Nebula. Astronomy & Astrophysics, 568, EDP SCIENCES SA, 2014, A49. ISI IF:5.185
[Lumupa ce e:](#)
406. Bhardwaj, A., Panwar, N., Herczeg, G. J., Chen, W. P., Singh, H. P., Variability of young stellar objects in the star-forming region Pelican Nebula, 2019, A&A, 627, A135, @2019 [Линк](#) 1.000
407. Siwak, M., Drózd, M., Gut, K., Winiarski, M., Ogłozza, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, A&A, 69, 227-260, @2019 [Линк](#) 1.000
192. **Zhekov, S. A.**, Gagné, M., Skinner, S. L.. A Chandra Grating Observation of the Dusty Wolf-Rayet Star WR 48a. The Astrophysical Journal, 785, 2014, 8. ISI IF:5.993
[Lumupa ce e:](#)
408. Townsley, Leisa K.; Broos, Patrick S.; Garmire, Gordon P.; Povich, Matthew S., "The Massive Star-forming Regions Omnibus X-ray Catalog, Third Installment", The Astrophysical Journal Supplement Series, Volume 244, Issue 2, article id. 28, 44 pp, @2019 [Линк](#) 1.000
193. Lebre, A., Auriere, M., Fabas, N., Gillet, D., Herpin, F., **Konstantinova-Antova, R.**, Petit, P.. Search for surface magnetic fields in Mira stars. First detection in χ Cygni. Astronomy and Astrophysics, 561, EDP Sciences, 2014, ISSN:0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201424579, 85. SJR:1.905, ISI IF:4.449
[Lumupa ce e:](#)
409. Matthews, Lynn D. Radio Stars: From kHz to THz, PASP, 31, 6001, @2019 1.000
410. Tobin, T. L.; Kembell, A. J.; Gray, M. D. Constraining Theories of Polarized SiO Maser Transport: Multi-epoch Analysis of a $\pi/2$ Electric Vector Rotation Feature, ApJ, 871, 189, @2019 1.000
411. Rau, Gioia; Montez, Rodolfo, Jr.; Carpenter, Kenneth; Wittkowski, Markus; Bladh, Sara; Karovska, Margarita; Airapetian, Vladimir; Ayres, Tom; Boyer, Martha; Chiavassa, Andrea; Clayton, Geoffrey; Danchi, William; De Marco, Orsola; Dupree, Andrea K.; Kaminski, Tomasz; Kastner, Joel H.; Kerschbaum, Franz; Linsky, Jeffrey; Lopez, Bruno; Monnier, John; Montargès, Miguel; Nielsen, Krister; Ohnaka, Keiichi; Ramstedt, Sofia; Roettenbacher, Rachael; ten Brummelaar, Theo; Paladini, Claudia; Sarangi, Arkaprabha; van Belle, Gerard; Ventura, Paolo Cool, evolved stars: results, challenges, and promises for the next decade, BAAS, 51, 241, @2019 1.000
412. Matthews, Lynn D.; Claussen, Mark J.; Harper, Graham M. Molecular Masers as Probes of the Dynamic Atmospheres of Dying Stars, BAAS, 51, 392, @2019 1.000
413. Yasuda, Yuki; Suzuki, Takeru K.; Kozasa, Takashi Alfvén Wave-driven Wind from RGB and AGB Stars, ApJ, 879, 77, @2019 1.000
414. Kravchenko, K.; Chiavassa, A.; Van Eck, S.; Jorissen, A.; Merle, T.; Freytag, B.; Plez, B. Tomography of cool giant and supergiant star atmospheres. II. Signature of convection in the atmosphere of the red supergiant star μ Cep, A&A, 632, 28, @2019 1.000
194. Errmann, R.; Torres, G.; Schmidt, T. O. B.; Seeliger, M.; Ho, Maciejewski, G.; Neuhäuser, R.; Meibom, S.; Kellerer, A., **Dimitrov, D.**, Dincel, B.; Marka, C.; Mugrauer, M.; Ginski, Ch.; Adam, Ch.; Schmidt, J. G.; Hohle, M. M.; Berndt, A.; Kitzte, M.; Trepl., Fiedler, S.; Dathe, A.; Graefe, Ch.; Pawellek, N.; Schreyer., Radeva, V. S.; Yotov, V.; Chen, W. P.; Hu, S. C.-L.; Wu, Z.-, Budaj, J.; Vaňko, M.; Kundra, E.; Hambálek, L.; Krushevska, Nowak, G.; Marschall, L.; Terada, H.; Tomono, D.; Fernandez., Takahashi, H.; Oasa, Y.; Briceño, C.; Chini, R.; Broeg, C. H. Investigation of a transiting planet candidate in Trumpler 37: An astrophysical false positive eclipsing spectroscopic binary star. Astronomische Nachrichten, 335, 4, 2014, DOI:10.1002/asna.201412047, 345. ISI IF:1
[Lumupa ce e:](#)

415. Fujii, M. S., Hori, Y., "Survival rates of planets in open clusters: the Pleiades, Hyades, and Praesepe clusters", A&A 624, 1.000 A110 (2019), @2019 [Линк](#)
195. **Zhekov, S. A.**, Tomov, T., Gawronski, M. P., Georgiev, L. N., Borissova, J., Kurtev, R., Gagné, M., Hajduk, M. A multiwavelength view on the dusty Wolf-Rayet star WR 48a. Monthly Notices of the Royal Astronomical Society, 445, 2014, 1663. ISI IF:5.107
[Lumupa ce e:](#)
416. Garofali, Kristen; Levesque, Emily M.; Massey, Philip; Williams, Benjamin F., "The First Candidate Colliding-wind Binary in M33", The Astrophysical Journal, Volume 880, Issue 1, article id. 8, 15 pp, @2019 [Линк](#)
417. Williams, P. M., "Variable dust emission by WC type Wolf-Rayet stars observed in the NEOWISE-R survey", Monthly Notices of the Royal Astronomical Society, Volume 488, Issue 1, p.1282-1300, @2019 [Линк](#)
418. Townsley, Leisa K.; Broos, Patrick S.; Garmire, Gordon P.; Povich, Matthew S., "The Massive Star-forming Regions Omnibus X-ray Catalog, Third Installment", The Astrophysical Journal Supplement Series, Volume 244, Issue 2, article id. 28, 44 pp, @2019 [Линк](#)
419. Rate, Gemma; Crowther, Paul A., "Unlocking Galactic Wolf-Rayet stars with Gaia DR2 I: Distances and Absolute Magnitudes", eprint arXiv:1912.10125, @2019 [Линк](#)
196. Marsden, S., Petit, P., Jeffers, S., Morin, J., Fares, R., Reiners, A., Do Nascimento, J., Auriere, M., Bouvier, J., Carter, B., Catala, C., Dintrans, B., Donati, J.-F., Gastine, T., Jardine, M., **Konstantinova-Antova, R.**, Lanoux, J., Ligniers, F., Morgenthaler, A., Theado, S.. A BCoolest magnetic snapshot survey of solar-type stars. MNRAS, 444, Oxford University Press, 2014, ISSN:0035-8711, 3517. ISI IF:5.107
[Lumupa ce e:](#)
420. Linsky, Jeffrey Host Stars and their Effects on Exoplanet Atmospheres, LNP, 955, @2019 1.000
421. Kochukhov, Oleg; Shulyak, Denis Magnetic Field of the Eclipsing M-dwarf Binary YY Gem, ApJ, 873, 69, @2019 1.000
422. Kriskovics, L.; Kövári, Zs.; Vida, K.; Oláh, K.; Carroll, T. A.; Granzer, T. Magnetic activity of the young solar analog V1358 Orinis, A&A, 627, 52, @2019 1.000
423. Potravnov, I. S.; Grinin, V. P.; Serebriakova, N. A. Flares of accretion activity of the 20 Myr old UXOR RZ Psc, A&A, 630, 64, @2019 1.000
424. Finley, Adam J.; See, Victor; Matt, Sean P. The Effect of Magnetic Variability on Stellar Angular Momentum Loss. II. The Sun, 61 Cygni A, ϵ Eridani, ξ Bootis A, and τ Bootis A, ApJ, 876, 44, @2019 1.000
197. Walborn, N., Sana, H., Simón-Díaz, S., Maíz Apellániz, J., Taylor, W., Evans, C. J., **Markova, N.**, Lennon, D. J., de Koter, A. The VLT-FLAMES Tarantula Survey. XIV. The O-type stellar content of 30 Doradus. Astronomy & Astrophysics, 564, 2014, DOI:10.1051/0004-6361/201323082, 40. SJR (Scopus):2.527
[Lumupa ce e:](#)
425. Ramachandran, V.; Hamann, W. -R.; Oskinova, L. M.; Gallagher, J. S.; Hainich, R.; Shenar, T.; Sander, A. A. C.; Todt, H.; Fulmer, L. "Testing massive star evolution, star formation history, and feedback at low metallicity. Spectroscopic analysis of OB stars in the SMC Wing ", Astronomy & Astrophysics, Volume 625, id.A104, 20 pp, @2019 1.000
426. Roman-Lopes, Alexandre; Román-Zúñiga, Carlos G.; Tapia, Mauricio; Hernández, Jesús; Ramírez-Preciado, Valeria; Stringfellow, Guy S.; Ybarra, Jason E.; Kim, Jinyoung Serena; Minniti, Dante; Covey, Kevin R.; Kounkel, Marina; Suárez, Genaro; Borissova, Jura; García-Hernández, D. A.; Zamora, Olga; Trujillo, Juan David "Massive Stars in the SDSS-IV/APOGEE-2 Survey. II. OB-stars in the W345 Complexes ", The Astrophysical Journal, Volume 873, Issue 1, article id. 66, 10 pp. (2019), @2019 1.000
427. Zinchenko, I. A.; Dors, O. L.; Hägele, G. F.; Cardaci, M. V.; Krabbe, A. C. "Effective temperature of ionizing stars in extragalactic H II regions - II. Nebular parameter relationships based on CALIFA data ", Monthly Notices of the Royal Astronomical Society, Volume 483, Issue 2, p.1901-1911, @2019 1.000
198. **Konstantinova-Antova, R.**, Aurière, M., Charbonnel, C., Drake, N.A., Wade, G.A., **Tsvetkova, S.**, Petit, P., Schröder, K.-P., Lèbre, A.. Magnetic fields in single late-type giants in the solar vicinity: How common is magnetic activity on the giant branches?. Proceedings of the International Astronomical Union, IAU Symposium, International Astronomical Union 2014, 2014, DOI:http://dx.doi.org/10.1017/S174392131400252X, 373-376. SJR:0.126, ISI IF:0.12
[Lumupa ce e:](#)
428. Tobin, T.L.; Kemball, A.J.; Gray, M.D., "Constraining theories of polarized SiO maser transport: multi-epoch analysis of a $\pi/2$ electric vector rotation feature", 2019, ApJ, 871, 189, @2019 [Линк](#) 1.000
199. Huang, Z., Madjarska, M. S., **Koleva, K.**, Doyle, J. G., **Duchlev, P.**, **Dechev, M.**, Reardon, K.. Ha spectroscopy and multiwavelength imaging of a solar flare caused by filament eruption. Astronomy & Astrophysics, 566, EDP Sciences, 2014, DOI:10.1051/0004-6361/201323097, ISI IF:5.565
[Lumupa ce e:](#)

429. Damian Christian D. KuridzeDavid B. Jess, Menoa Yousefi, Mihalis Mathioudakis Multi-wavelength observations of the 2014 June 11 M3.9 flare: temporal and spatial characteristics July 2019 Research in Astronomy and Astrophysics 19(7):101 DOI: 10.1088/1674-4527/19/7/101, @2019 [Линк](#) 1.000
430. Sindhuja, G.; Srivastava, Nandita; Veronig, A. M.; Pötzi, W."Study of reconnection rates and light curves in solar flares from low and mid chromosphere". Monthly Notices of the Royal Astronomical Society, Volume 482, Issue 3, p.3744-3756, @2019 [Линк](#) 1.000
200. Iliiev, I. What astronomy with meter-class telescopes? Sharing experience with the next-door observatory. Contributions of the Astronomical Observatory Skalnaté Pleso, 43, 2014, ISSN:1335-1842, 169-173. ISI IF:0.591
Лумупа се е:
431. Kjurkchieva, Diana; Ibryamov, Sunay; Borisov, Borislav; Marchev, Dragomir; Popov, Velimir; Dimitrov, Dinko, First observations with the 25 cm telescope of the Shumen Astronomical Observatory, 2019, BgAJ, 31, 30K, @2019 [Линк](#) 1.000
201. Lebre, A., Aurière, M., Fabas, Nicolas, Gillet, D., Herpin, F., Petit, P., **Konstantinova-Antova, R.** Search for surface magnetic fields in Mira stars: first results on χ Cyg. Proc. IAUS 302, 2014, 385
Лумупа се е:
432. Gangi, Manuele; Leone, Francesco The first "second solar spectrum" ever observed in a star different than the sun: A high-resolution spectropolarimetric Atlas of 89 Herculis, AN, 340, 409, @2019 1.000
202. Sabin-Sanjulián, C., Simón-Díaz, S., Herrero, A., Walborn, N. R., Puls, J., Maiz Apellániz, J., Evans, C. J., Brott, I., de Koter, A., Garcia, M., **Markova, N.**, Najarro, F., Ramírez-Agudelo, O. H., Sana, H.; Taylor, W. D.; Vink, J. S.. The VLT-FLAMES Tarantula Survey. XIII: On the nature of O Vz stars in 30 Doradus. Astronomy and Astrophysics, 564, 2014, DOI:10.1051/0004-6361/201322798, A39. ISI IF:4.378
Лумупа се е:
433. Ramachandran, V.; Hamann, W. -R.; Oskinova, L. M.; Gallagher, J. S.; Hainich, R.; Shenar, T.; Sander, A. A. C.; Todt, H.; Fulmer, L. Testing massive star evolution, star formation history, and feedback at low metallicity. Spectroscopic analysis of OB stars in the SMC Wing " Astronomy & Astrophysics, Volume 625, id.A104, 20 pp., @2019 1.000

2015

203. **Kurtenkov, A. A.**, Pessev, P., Tomov, T., Barsukova, E. A., Fabrika, S., Vida, K., Hornoch, K., Ovcharov, E. P., Goranskij, V. P., Valeev, A. F., Molnar, L., Sarneczky, K., **Kostov, A.**, Nedialkov, P., Valenti, S., Geier, S., Wiersema, K., Henze, M., Shafter, A. W., **Muñoz Dimitrova, R. V.**, **Popov, V. N.**, Stritzinger, M.. The January 2015 outburst of a red nova in M 31. Astronomy and Astrophysics, 578, L10, EDP Sciences, 2015, ISSN:0004-6361, DOI:10.1051/0004-6361/201526564, SJR (Scopus):1.905, JCR-IF (Web of Science):4.378
Лумупа се е:
434. Pastorello, A., Mason, E., Taubenberger, S., Fraser, M., Cortini, G., Tomasella, L., Botticella, M. T., Elias-Rosa, N., Kotak, R., Smartt, S. J., Benetti, S., Cappellaro, E., Turatto, M., Tartaglia, L., Djorgovski, S. G., Drake, A. J., Berton, M., Briganti, F., Brimacombe, J., Bufano, F., Cai, Y.-Z., Chen, S., Christensen, E. J., Ciabattari, F., Congiu, E., Dimai, A., Inserra, C., Kankare, E., Magill, L., Maguire, K., Martinelli, F., Morales-Garoffolo, A., Ochner, P., Pignata, G., Reguitti, A., Sollerman, J., Spiro, S., Terreran, G., Wright, D. E. "Luminous red novae: Stellar mergers or giant eruptions?", 2019, A&A, 630, A75, @2019 [Линк](#) 1.000
435. Kashi, A., Michaelis, A. M., Feigin, L. "ASASSN-13db 2014—2017 Eruption as an Intermediate Luminosity Optical Transient", 2019, Galax, 8, 2, @2019 [Линк](#) 1.000
204. Carerero, M. I., Raiteri, C. M., Villata, M., Acosta-Pulido, J. A., D'Ammando, F., Smith, P. S., Larionov, V. M., Agudo, I., Arevalo, M. J., Arkharov, A. A., Bach, U., **Bachev, R.**, Benitez, E., Blinov, D. A., Bozhilov, V., Buemi, C. S., Bueno Bueno, A., Carosati, D., Casadio, C., Chen, W. P., Damjanovic, G., Paola, A. Di., Efimova, N. V., Ehgamberdiev, Sh. A., Giroletti, M., Gomez, J. L., Gonzalez-Morales, P. A., Grinon-Marin, A. B., Grishina, T. S., Gurwell, M. A., Hiriart, D., Hsiao, H. Y., **Ibryamov, S.**, Jorstad, S. G., Joshi, M., Kopatskaya, E. N., Kurtanidze, O. M., Kurtanidze, S. O., Lahteenmaki, A., Larionova, E. G., Larionova, L. V., Lazaro, C., Leto, P., Lin, C. S., Lin, H. C., Manilla-Robles, A. I., Marscher, A. P., McHardy, I. M., Metodieva, Y., Mirzaqulov, D. O., Mokrushina, A. A., Molina, S. N., Morozova, D. A., Nikolashvili, M. G., Orienti, M., Ovcharov, E., Panwar, N., Pastor Yabar, A., Puerto Gimenez, I., Ramakrishnan, V., Richter, G. M., Rossini, M., Sigua, L. A., **Strigachev, A.**, Taylor, B., Tornikoski, M., Triggio, C., Troitskaya, Yu. V., Troitsky, I. S., Umana, G., Valcheva, A., Velasco, S., Vince, O., Wehrle, A. E., Wiesemeyer, H.. Multiwavelength behaviour of the blazar OJ 248 from radio to γ -rays. Monthly Notices of the Royal Astronomical Society, 450, 2015, ISSN:0035-8711, DOI:10.1093/mnras/stv823, 2677-2691. ISI IF:5.107
Лумупа се е:
436. Rajput, B., Stalín, C. S.; Sahayanathan, S.; Rakshit, S., Mandal, A. K., Temporal correlation between the optical and γ -ray flux variations in the blazar 3C 454.3, 2019, MNRAS, 486, 1781, @2019 0.080
437. Bolli, P.; Orfei, A.; Zanichelli, A.; Prestage, R.; Tingay, S. J.; Beltrán, M.; Burgay, M.; Contavalle, C.; Honma, M.; Kraus, A.; Lindqvist, M.; Lopez Perez, J.; Marongiu, P.; Minamidani, T.; Navarro, S.; Pisanu, T.; Shen, Z. -Q.; Sohn, B. W.; Stanghellini, C.; Tzioumis, T.; Zacchiroli, G., "An International Survey of Front-end Receivers and Observing Performance of Telescopes for Radio Astronomy", 2019, PASP, 131, 085002, @2019 0.080

205. McEvoy, C. M., Dufton, P. L., Evans, C. J., Kalari, V. M., **Markova, N.**, Simón-Díaz, S., Vink, J. S., Walborn, N. R., Crowther, P. A., de Koter, A., de Mink, S. E., Dunstall, P. R., Hénault-Brune, V., Herrero, A., Langer, N., Lennon, D. J., Maíz Apellániz, J., Najarro, F., Puls, J., Sana, H., Schneider, F. R. N., Taylor, W. D.. The VLT-FLAMES Tarantula Survey. XIX. B-type supergiants: Atmospheric parameters and nitrogen abundances to investigate the role of binarity and the width of the main sequence. *Astronomy and Astrophysics*, 575, EDP Sciences, 2015, ISSN:0004-6361, DOI:10.1051/0004-6361/201425202, A70. ISI IF:4.378

Lumupa ce e:

438. Ramachandran, V.; Hamann, W. -R.; Oskinova, L. M.; Gallagher, J. S.; Hainich, R.; Shenar, T.; Sander, A. A. C.; Todt, H.; Fulmer, L. Testing massive star evolution, star formation history, and feedback at low metallicity. *Spectroscopic analysis of OB stars in the SMC Wing Astronomy & Astrophysics*, Volume 625, id.A104, 20 pp., @2019 **0.091**
439. Farrell, E. J.; Groh, J. H.; Meynet, G.; Kudritzki, R.; Eldridge, J. J.; Georgy, C.; Ekström, S.; Yoon, S. -C. Impact of binary interaction on the evolution of blue supergiants. The flux-weighted gravity luminosity relationship and extragalactic distance determinations *Astronomy & Astrophysics*, Volume 621, id.A22, 15 pp., @2019 **0.091**
206. Raiteri, C. M., Stameria, A., Villata, M., Larionov, V. M., Acosta-Pulido, J. A., Arevalo, M. J., Arkharov, A. A., **Bachev, R.**, Benitez, E., Bozhilov, V. V., Borman, G. A., Buemi, C. S., Calcidese, P., Carnerero, M. I., Carosati, D., Chigladze, R. A., Damjanovic, G., Di Paola, A., Doroshenko, V. T., Efimova, N. V., Ehgamberdiev, Sh. A., Giroletti, M., Gonzalez-Morales, P. A., Grinon-Marin, A. B., Grishina, T. S., Hiriart, D., **Ibryamov, S.**, Klimanov, S. A., Kopatskaya, E. N., Kurtanidze, O. M., Kurtanidze, S. O., **Kurtenkov, A. A.**, Larionova, L. V., Larionova, E. G., Lazaro, C., Lahteenmaki, A., Leto, P., Markovic, G., Mirzaqulov, D. O., Mokrushina, A. A., Morozova, D. A., Mujica, R., Nazarov, S. V., Nikolashvili, M. G., Ohlert, J. M., Ovcharov, E. P., Paiano, S., Pastor Yabar, A., Prandini, E., Ramakrishnan, V., Sadun, A. C., **Semkov, E.**, Sigua, L. A., **Strigachev, A.**, Tammi, J., Tornikoski, M., Triglio, C., Troitskaya, Yu. V., Troitsky, I. S., Umana, G., Velasco, S., Vince, O.. The WEBT campaign on the BL Lac object PG 1553+113 in 2013. An analysis of the enigmatic synchrotron emission. *Monthly Notices of the Royal Astronomical Society*, 454, 2015, ISSN:0004-6361, DOI:10.1093/mnras/stv1884, 353-367. ISI IF:5.107

Lumupa ce e:

440. Pandey, A., Gupta, A. C., Wiita, P. J., Tiwari, S. N., Optical Flux and Spectral Variability of the TeV blazar PG 1553+113, 2019, *ApJ*, 871, art. id. 192, @2019 [Линк](#) **1.000**
441. Sosa, M., Estudio observacional de la emision óptica de blazares detectados a altas energías, 2019, Tesis Doctoral, Universidad Nacional de La Plata, Facultad de Ciencias Astronómicas y Geofísicas, Argentina, @2019 [Линк](#) **1.000**
207. Evans, C. J., Kennedy, M. B., Dufton, P. L., Howarth, I. D., Walborn, N. R., **Markova, N.**, Clark, J. S., de Mink, S. E., de Koter, A., Dunstall, P. R., Hénault-Brunet, V., Maíz Apellániz, J., McEvoy, C. M., Sana, H., Simón-Díaz, S., Taylor, W. D., Vink, J. S.. The VLT-FLAMES Tarantula Survey. XVIII. Classifications and radial velocities of the B-type stars. *Astronomy and Astrophysics*, 574, EDP Sciences, 2015, ISSN:0004-6361, DOI:10.1051/0004-6361/201424414, A13. ISI IF:4.378

Lumupa ce e:

442. Shultz, M. E.; Wade, G. A.; Rivinius, Th; Alecian, E.; Neiner, C.; Petit, V.; Owocki, S.; ud-Doula, A.; Kochukhov, O.; Bohlender, D.; Keszthelyi, Z.; MiMeS Collaboration; BinaMCS Collaboration The magnetic early B-type stars - III. A main-sequence magnetic, rotational, and magnetospheric biography *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 1, p.274-295, @2019 **1.000**
443. Kraus, Michaela "A Census of B[e] Supergiants" *Galaxies*, vol. 7, issue 4, p. 83, @2019 **1.000**
444. Ramachandran, V.; Hamann, W. -R.; Oskinova, L. M.; Gallagher, J. S.; Hainich, R.; Shenar, T.; Sander, A. A. C.; Todt, H.; Fulmer, L. Testing massive star evolution, star formation history, and feedback at low metallicity. *Spectroscopic analysis of OB stars in the SMC Wing Astronomy & Astrophysics*, Volume 625, id.A104, 20 pp., @2019 **1.000**
445. Zinchenko, I. A.; Dors, O. L.; Hägele, G. F.; Cardaci, M. V.; Krabbe, A. C. Effective temperature of ionizing stars in extragalactic H II regions - II. Nebular parameter relationships based on CALIFA data *Monthly Notices of the Royal Astronomical Society*, Volume 483, Issue 2, p.1901-1911, @2019 **1.000**
208. **Dimitrov, D. P.**, Kjurkchieva, D. P.. Ultrashort-period main-sequence eclipsing systems: new observations and light-curve solutions of six NSVS binaries. *Monthly Notices of the Royal Astronomical Society*, 448, 3, Oxford University Press, 2015, ISSN:0035-8711, DOI:10.1093/mnras/stv147, 2890-2899. SJR:2.76, ISI IF:5.107

Lumupa ce e:

446. Li, Kai; Xia, Qi-Qi; Liu, Jin-Zhong; Zhang, Yu; Gao, Xing; Hu, Shao-Ming; Guo, Di-Fu; Chen, Xu; Liu, Yuan, "Photometric investigations on two totally eclipsing contact binaries: V342 UMa and V509 Cam", *Research in Astronomy and Astrophysics*, Volume 19, Issue 10, article id. 147 (2019), @2019 [Линк](#) **1.000**
447. Sarotsakulchai, Thawicharat; Qian, Sheng-Bang; Soonthornthum, Boonrucksar; Zhou, Xiao; Zhang, Jia; Li, Lin-Jia; Reichart, Daniel E.; Haislip, Joshua B.; Kouprianov, Vladimir V.; Poshychinda, Saran, "YZ Phoenicis: a very short period K-type contact binary with variation of the O'Connell effect and orbital period change", *Publications of the Astronomical Society of Japan*, Volume 71, Issue 4, id.81, (2019), @2019 [Линк](#) **1.000**
448. Li, Kai; Xia, Qi-Qi; Michel, Raul; Hu, Shao-Ming; Guo, Di-Fu; Gao, Xing; Chen, Xu; Gao, Dong-Yang, "Contact binaries at the short period cut-off - I. Statistics and the first photometric investigations of 10 totally eclipsing systems", *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 4, p.4588-4600, (2019), @2019 [Линк](#) **1.000**

449. Hajdu, T.; Borkovits, T.; Forgács-Dajka, E.; Sztakovics, J.; Marschalkó, G.; Kutrovátz, G., "Eclipse timing variation analysis of OGLE-IV eclipsing binaries towards the Galactic Bulge - I. Hierarchical triple system candidates", Monthly Notices of the Royal Astronomical Society, Volume 485, Issue 2, p.2562-2572, (2019), @2019 [Линк](#) 1.000

209. Furniss, A., Noda, K., Boggs, S., Chiang, J., Christensen, F., Craig, W., Giommi, P., Hailey, C., Harisson, F., Madejski, G., Nalewajko, K., Perri, M., Stern, D., Urry, M., Verrecchia, F., Zhang, W., NuSTAR Team, Ahnen, M. L., Ansoldi, S., Antonelli, L. A., Antoranz, P., Babic, A., Banerjee, B., Bangale, P., Barres de Almeida, U., Barrio, J. A., Becerra Gonzalez, J., Bednarek, W., Bernardini, E., Biasuzzi, B., Biland, A., Blanch, O., Bonnefoy, S., Bonnoli, G., Borraconi, F., Bretz, T., Carmona, E., Carosi, A., Chatterjee, A., Clavero, R., Colin, P., Colombo, E., Contreras, J. L., Cortina, J., Covino, S., Da Vela, P., Dazzi, F., De Angelis, A., De Caneva, G., De Lotto, B., de Ona Wilhelmi, E., Delgado Mendez, C., Di Piero, F., Dominis Prester, D., Dorner, D., Doro, M., Einecke, S., Eisenacher Glawion, D., Elsaesser, D., Fernandez-Barral, A., Fidalgo, D., Fonseca, M. V., Font, L., Frantzen, K., Fruck, C., Galindo, D., Garcia Lopez, R. J., Garczarczyk, M., Garrido Terrats, D., Gaug, M., Giammaria, P., Godinovi', N., Gonzalez Munoz, A., Guberman, D., Hanabata, Y., Hayashida, M., Herrera, J., Hose, J., Hrupec, D., Hughes, G., Idec, W., Kellermann, H., Kodani, K., Konno, Y., Kubo, H., Kushida, J., La Barbera, A., Lelas, D., Lewandowska, N., Lindfors, E., Lombardi, S., Longo, F., Lopez, M., Lopez-Coto, R., Lopez-Oramas, A., Lorenz, E., Majumdar, P., Makariev, M., Mallot, K., Maneva, G., Manganaro, M., Mannheim, K., Maraschi, L., Marcote, B., Mariotti, M., Martinez, M., Mazin, D., Menzel, U., Miranda, J. M., Mirzoyan, R., Moralejo, A., Nakajima, D., Neustroev, V., Niedzwiecki, A., Nieves Rosillo, M., Nilsson, K., Nishijima, K., Orito, R., Overkemping, A., Paiano, S., Palacio, J., Palatiello, M., Paneque, D., Paoletti, R., Paredes, J. M., Paredes-Fortuny, X., Persic, M., Poutanen, J., Prada Moroni, P. G., Prandini, E., Puljak, I., Reinthal, R., Rhode, W., Ribo, M., Rico, J., Rodriguez Garcia, J., Saito, T., Saito, K., Satalecka, K., Scapin, V., Schultz, C., Schweizer, T., Shore, S. N., Sillanpaa, A., Sitarek, J., Snidaric, I., Sobczynska, D., Stamerra, A., Steinbring, T., Strzys, M., Takalo, L., Takami, H., Tavecchio, F., Temnikov, P., Terzi', T., Tesaro, D., Teshima, M., Thaele, J., Torres, D. F., Toyama, T., Treves, A., Verguillov, V., Vovk, I., Will, M., Zanin, R., Archer, A., Benbow, W., Bird, R., Biteau, J., Bugaev, V., Cardenzana, J. V., Cerruti, M., Chen, X., Ciupik, L., Connolly, M. P., Cui, W., Dickinson, H. J., Dumm, J., Eisch, J. D., Falcone, A., Feng, Q., Finley, J. P., Fleischhack, H., Fortin, P., Fortson, L., Gerard, L., Gillanders, G. H., Griffin, S., Griffiths, S. T., Grube, J., Gyuk, G., Hakansson, N., Holder, J., Humensky, T. B., Johnson, C. A., Kaaret, P., Kertzman, M., Kieda, D., Krause, M., Krennrich, F., Lang, M. J., Lin, T. T. Y., Maier, G., McArthur, S., McCann, A., Meagher, K., Moriarty, P., Mukherjee, R., Nieto, D., O'Faolain de Bhroithe, A., Ong, R. A., Park, N., Petry, D., Pohl, M., Popkow, A., Ragan, K., Ratliff, G., Reyes, L. C., Reynolds, P. T., Richards, G. T., Roache, E., Santander, M., Sembroski, G. H., Shahinyan, K., Staszak, D., Tezhinsky, I., Tucci, J. V., Tyler, J., Vassiliev, V. V., Wakely, S. P., Weiner, O. M., Weinstein, A., Wilhelm, A., Williams, D. A., Zitzer, B., Vince, O., Fuhrmann, L., Angelakis, E., Karamanavis, V., Myserlis, I., Krichbaum, T. P., Zensus, J. A., Ungerechts, H., Sievers, A., **Bachev, R.**, Botcher, M., Chen, W. P., Damjanovic, G., Eswaraiah, C., Guver, T., Hovatta, T., Hughes, Z., **Ibryamov, S. I.**, Joner, M. D., Jordan, B., Jorstad, S. G., Joshi, M., Kataoka, J., Kurtanidze, O. M., Kurtanidze, S. O., Lahteenmaki, A., **Latev, G.**, Lin, H. C., Larionov, V. M., Mokrushina, A. A., Morozova, D. A., Nikolashvili, M. G., Raiteri, C. M., Ramakrishnan, V., Readhead, A. C. R., Sadun, A. C., Sigua, L. A., **Semkov, E. H.**, **Strigachev, A.**, Tammi, J., Tornikoski, M., Troitskaya, Y. V., Troitsky, I. S., Villata, M., First NuSTAR Observations of Mrk 501 within a Radio to TeV Multi-Instrument Campaign. The Astrophysical Journal, 812, IOPscience, 2015, ISSN:0004-637X, DOI:10.1088/0004-637X/812/1/65, 65. ISI IF:5.993

Lumupa ce e:

450. Singh, K. K., Bhatt, H., Bhattacharyya, S., Bhatt, N., Tickoo, A. K., Rannot, R. C., Multi-wavelength study of the short term TeV flaring activity from the blazar Mrk 501 observed in June 2014, 2019, AdvSR, 63, 766-778, @2019 [Линк](#) 0.036
451. Singh, K. K., Meintjes, P. J., Ramamonjisoa, F. A., Tolamatti, A., Extremely High energy peaked BL Lac nature of the TeV blazar Mrk 501, 2019, NewA, 73, art. id. 101278, @2019 [Линк](#) 0.036
452. Bhatta, G., Blazar Mrk 501 shows rhythmic oscillations in its gamma-ray emission, 2019, MNRAS, 487, 3990-3997, @2019 [Линк](#) 0.036

210. Gozdziwski, K., Slowikowska, A., **Dimitrov, D.**, Krzeszowski, K., Zejmo, M., et al., The HU Aqr planetary system hypothesis revisited. Monthly Notices of the Royal Astronomical Society, 448, 2, Oxford University Press, 2015, ISSN:0035-8711, DOI:10.1093/mnras/stu2728, 1118-1136. SJR:2.76, ISI IF:5.107

Lumupa ce e:

453. Song, S., Mai, X., Mutel, R. L., Pulley, D., Faillace, G., Watkins, A., "An Updated Model for Circumbinary Planets Orbiting the sdB Binary NY Virginis", The Astronomical Journal, 157, 5, 184, 2019, @2019 [Линк](#) 1.000
454. Danielski, C., Korol, V., Tamanini, N., Rossi, E. M., "Circumbinary exoplanets and brown dwarfs with the Laser Interferometer Space Antenna", 2019, Astronomy & Astrophysics, Volume 632, id.A113, 15 pp., @2019 [Линк](#) 1.000
455. Elke, Pilat-Lohinger, Siegfried, Eggl, Ákos, Bazsó, "Planetary Habitability in Binary Systems", Advances in Planetary Science: Volume 4, Pages: 204, WORLD SCIENTIFIC, 2019, @2019 [Линк](#) 1.000
456. Khangale, Z. N., Potter, S. B., Kotze, E. J., Woudt, P. A., Breytenbach, H., "High-speed photometry of the eclipsing polar UZ Fornacis", 2019, A&A, Volume 621, A31, @2019 [Линк](#) 1.000
457. Zhu, L.-Y., Qian, S.-B., Lajus, F. E., Wang, Z.-H., Li, L.-J., "A close-in substellar object orbiting the sdOB-type eclipsing-binary system NSVS 14256825", Research in Astronomy and Astrophysics, 19, 9, 134, 2019, @2019 [Линк](#) 1.000

211. **Markova, N.**, Puls, J., The mass discrepancy problem in O stars of solar metallicity. Does it still exist?. Proceedings of the International Astronomical Union, 307, Cambridge University Press, 2015, ISSN:1743-9213, DOI:10.1017/S1743921314006462, 117. SJR:0.106

Lumupa ce e:

458. Mahy, L.; Almeida, L. A.; Sana, H.; Clark, J. S.; de Koter, A.; de Mink, S. E.; Evans, C. J.; Grin, N. J.; Langer, N.; Moffat, A. F. J.; Schneider, F. R. N.; Shenar, T.; Tramper, F. The Tarantula Massive Binary Monitoring. IV. Double-lined photometric binaries , A&A eprint arXiv:1912.06853, @2019 1.000

459. Berlanas, S. R.; Wright, N. J.; Herrero, A.; Drew, J. E.; Lennon, D. J. Disentangling the spatial substructure of Cygnus OB2 from Gaia DR2 Monthly Notices of the Royal Astronomical Society, Volume 484, Issue 2, p.1838-1842, @2019 1.000
212. Puls, J., Sundqvist, J. O., **Markova, N.** Physics of Mass Loss in Massive Stars. Proceedings of the International Astronomical Union, 307, Cambridge University Press, 2015, ISSN:1743-9213, DOI:10.1017/S174392131400622X, 25-36. SJR:0.106
- Lumupa ce e:
460. Kobulnicky, Henry A.; Chick, William T.; Povich, Matthew S. Mass-loss Rates for O and Early B Stars Powering Bow Shock Nebulae: Evidence for Bistability Behavior" The Astronomical Journal, Volume 158, Issue 2, article id. 73, 25 pp. (2019), @2019 1.000
461. van der Helm, Edwin; Saladino, Martha I.; Portegies Zwart, Simon Simulating stellar winds in AMUSE" Astronomy & Astrophysics, Volume 625, id.A85, 15 pp, @2019 1.000
462. Gagnier, D.; Rieutord, M.; Charbonnel, C.; Putigny, B.; Espinosa Lara, F. Critical angular velocity and anisotropic mass loss of rotating stars with radiation-driven winds" Astronomy & Astrophysics, Volume 625, id.A88, 14 pp, @2019 1.000
213. Kjurkchieva, D., **Dimitrov, D.** Light curve solutions of the ultrashort-period Kepler binaries. Astronomische Nachrichten, 336, 2, WILEY-VCH Verlag GmbH & Co, 2015, ISSN:1521-3994, DOI:10.1002/asna.201412144, 153-158. SJR:0.775, ISI IF:0.922
- Lumupa ce e:
463. Li, K., Xia, Q.-Q., Michel, R., Hu, S.-M., Di-Fu Guo, Xing Gao, Xu Chen, Dong-Yang Gao, Contact binaries at the short period cut-off – I. Statistics and the first photometric investigations of 10 totally eclipsing systems, Monthly Notices of the Royal Astronomical Society, Volume 485, Issue 4, Pages 4588–4600, 2019, @2019 [Линк](#) 1.000
214. **Zamanov, R., Latev, G., Boeva, S., Sokolowski, J. L., Stoyanov, K., Bachev, R., Spassov, B., Nikolov, G., Golev, V., Ibryamov, S.** Optical flickering of the recurrent nova RS Ophiuchi: amplitude-flux relation. Monthly Notices of the Royal Astronomical Society, 450, Oxford University Press, 2015, ISSN:0035-8711, 3958-3965. ISI IF:5.107
- Lumupa ce e:
464. Dobrotka, A., Negoro, H., Mineshige, S.: 2019, A&A 631, 134 - Similar shot profile morphology of fast variability in cataclysmic variable, X-ray binary, and blazar: The MV Lyrae case, @2019 1.000
465. Pan, C. Y., Dai, Z. B.: 2019, Acta Astronomica Sinica 60, 35 - Investigations on the Observations of Three Types of Periodic Oscillations in Cataclysmic Variables, @2019 1.000
466. Cherepashchuk, A. M., Katysheva, N. A., Khruzina, T. S., Shugarov, S. Yu., Tatarnikov, A. M., Burlak, M. A., Shatsky, N. I.: 2019, MNRAS 483, 1067 - Optical and J, K-photometry of the quiescent black hole X-ray nova A0620-00 in the passive and active states, @2019 1.000
467. Sekeráš, M., Skopal, A., Shugarov, S., Shagatova, N., Kundra, E., Komžík, R., Vrašťák, M., Peneva, S. P., Semkov, E., Stubbing, R.: 2019, CoSka 49, 19 - Photometry of Symbiotic Stars - XIV, @2019 1.000
215. Metodieva, Y., **Antonova, A., Golev, V., Dimitrov, D., García-Álvarez, D., Doyle, J. G.** Low-resolution optical spectra of ultracool dwarfs with OSIRIS/GTC. Monthly Notices of the Royal Astronomical Society, 446, 4, 2015, DOI:10.1093/mnras/stu2370, 3878-3884. SJR:2.701, ISI IF:2.701
- Lumupa ce e:
468. Bardalez Gagliuffi, D. C., Burgasser, A. J., Schmidt, S. J., Theissen, C., Gagne, J., Gillon, M., Sahlmann, J., Faherty, J. K., Gelino, C., Cruz, K. L., Skrzypek, N.,Looper, D., "The Ultracool SpeXtoscopic Survey. I. Volume-limited Spectroscopic Sample and Luminosity Function of M7-L5 Ultracool Dwarfs", The Astrophysical Journal, 883, 2, 205, 2019, @2019 [Линк](#) 1.000
469. Caballero, J. A.; de Burgos, A.; Alonso-Floriano, F. J.; Cabrera-Lavers, A.; García-Álvarez, D.; Montes, D., Stars and brown dwarfs in the σ Orionis cluster. IV. IDS/INT and OSIRIS/GTC spectroscopy and Gaia DR2 astrometry, 2019, Astronomy & Astrophysics, 629, id.A114, 16 pp., @2019 1.000
470. Kirkpatrick J. D., Martin E. C., Smart R. L., Cayago A. J., Beichman Ch. A. et al., "Preliminary Trigonometric Parallaxes of 184 Late-T and Y Dwarfs and an Analysis of the Field Substellar Mass Function into the "Planetary" Mass Regime", 2019 ApJS, 240, 19, @2019 1.000
216. Gaur, H., Gupta, A. C., **Bachev, R., Strigachev, A., Semkov, E., Böttcher, M., Gu, M., Guo, H., Joshi, R., Mihov, B., Palma, N., Peneva, S., Rajasingam, A., Slavcheva-Mihova, L.** Nature of Intra-night Optical Variability of BL Lacertae. Monthly Notices of the Royal Astronomical Society, 452, Oxford University Press, 2015, ISSN:0035-8711, 4263-4273. ISI IF:5.107
- Lumupa ce e:
471. Zeng, W., Hu, W., Zhang, G.-M., Wen, T., Yang, S.-B., Geng, X.-F., Wu, X.-H., Zhou, X.-Z., Dai, B.-Z., Minute-scale Rapid Variability of Mrk 501 by Multi-Band, Photometric Monitoring from 2010 to 2017, 2019, PASP, 131, art. id. 074102, @2019 [Линк](#) 1.000
472. Xu, J., Hu, Sh., Webb, J. R., Bhatta, G., Jiang, Y., Chen, X., Alexeeva, S., Li, Y., Statistical analysis of micro-variability properties of the blazar S5 0716+714, 2019, ApJ, 884, art. id. 92, @2019 [Линк](#) 1.000

473. Bhattacharya, D., Gulati, S., Stalin, C. S., Intra-night optical variability of misaligned active galaxies, 2019, MNRAS, 483, 1.000 3382, @2019 [Линк](#)
217. **Bachev, R.**, Mukhopadhyay, B, **Strigachev, A.** A search for chaos in the optical light curve of a blazar: W2R 1926+42. Astronomy and Astrophysics, 576, EDP Sciences, 2015, ISSN:0004-6361, DOI:10.1051/0004-6361/201425563, 17. ISI IF:4.378
Цитира се в:
474. Zhang, Zhongli; Gupta, Alok C.; Gaur, Haritma; Wiita, Paul J.; An, Tao; Gu, Minfeng; Hu, Dan; Xu, Haiguang, "X-Ray Intraday Variability of the TeV Blazar Mrk 421 with Suzaku", 2019, ApJ, 884, 125, @2019 1.000
218. **Kirilova, D.**. Neutrinos from the Early Universe and physics beyond standard models. Open Physics, 13, 1, De Gruyter, 2015, ISSN:2391-5471, DOI:10.1515/phys-2015-0002, 22-33. SJR:0.458, ISI IF:1.085
Цитира се в:
475. L. Nanni, "Quantum Theory of Half-integer Spin Free Particles from the Perspective of the Majorana Equation", Annals Phys. 403 (2019) 24-33, @2019 1.000
476. Luca Nanni, "On the Time-Like and Space-Like Components of Majorana Field", Theoretical Physics, Volume 4, Number 2, June 2019 PP. 57-65, @2019 1.000
219. **Kozarev, K. A.**, J. C. Raymond, V. V. Lobzin, M. Hammer. Properties of a Coronal Shock Wave as A Driver of Early SEP Acceleration. Astrophysical Journal, 799, IOP Publishing, 2015, DOI:10.1088/0004-637X/810/2/97, 167. SJR:2.863
Цитира се в:
477. Maguire, Ciara A.; Carley, Eoin P.; McCauley, Joseph; Gallagher, Peter T. "Evolution of the Alfvén Mach number associated with a coronal mass ejection shock", 2019, eprint arXiv:1912.01863, @2019 1.000
478. Li, Hui; Chen, Bo; Feng, Li; Li, Ying, et al. "The Lyman-alpha Solar Telescope (LST) for the ASO-S mission — I. Scientific objectives and overview", 2019, Research in Astronomy and Astrophysics, Volume 19, Issue 11, article id. 158, @2019 1.000
479. Beardsley, A. P.; Johnston-Hollitt, M.; Trott, C. M.; Pober, J. C.; Morgan, J.; Oberoi, D. et al. "Science with the Murchison Widefield Array: Phase I Results and Phase II Opportunities", 2019, eprint arXiv:1910.02895, @2019 1.000
480. Núñez, Marlon; Nieves-Chinchilla, Teresa; Pulkkinen, Antti. "Predicting well-connected SEP events from observations of solar EUVs and energetic protons", 2019, Journal of Space Weather and Space Climate, Volume 9, id.A27, 18 pp., @2019 1.000
481. Liu, Ying D.; Zhu, Bei; Zhao, Xiaowei. "Geometry, Kinematics, and Heliospheric Impact of a Large CME-driven Shock in 2017 September", 2019, The Astrophysical Journal, Volume 871, Issue 1, article id. 8, 7 pp., @2019 1.000
482. 8. Vlahos, Loukas; Anastasiadis, Anastasios; Papaioannou, Athanasios; Kouloumvakos, Athanasios; Isliker, Heinz. Sources of solar energetic particles, Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences, vol. 377, issue 2148, p. 20180095, 2019, @2019 1.000
220. **Ibryamov, S. I., Semkov, E. H., Peneva, S. P.** Long-Term Multicolour Photometry of the Young Stellar Objects FHO 26, FHO 27, FHO 28, FHO 29, and V1929 Cygni. Publications of the Astronomical Society of Australia, 32, 2015, ISSN:1323-3580, DOI:10.1017/pasa.2015.21, e021. ISI IF:2.653
Цитира се в:
483. Hillenbrand, L. A., Reipurth, B., Connelley, M., Cutri, R. M., Isaacson, H., Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion + Reduced Extinction, 2019, AJ, 158, art. id. 240, @2019 [Линк](#) 1.000
484. Hambálek, L.; Vaňko, M., Paunzen, E., Smalley, B., T Tauri stars in the SuperWASP and NSVS surveys, 2019, MNRAS, 483, 1642, @2019 [Линк](#) 1.000
221. Bhatta, G., Goyal, A., Ostrowski, M., Stawarz, Ł., Akitaya, H., Arkharov, A. A., **Bachev, R.**, Benítez, E., Borman, G. A., Carosati, D., Cason, A. D., Damjanovic, G., Dhalla, S., Frasca, A., Hu, S.-M., Itoh, R., Jorstad, S., Jableka, D., Kawabata, K. S., Klimanov, S. A., Kurtanidze, O., Larionov, V. M., Laurence, D., Leto, G., Markowitz, A., Marscher, A. P., Moody, J. W., Moritani, Y., Ohlert, J. M., Di Paola, A., Raiteri, C. M., Rizzi, N., Sadun, A. C., Sasada, M., Sergeev, S., **Strigachev, A.**, Takaki, K., Troitsky, I. S., Ui, T., Villata, M., Vince, O., Webb, J. R., Yoshida, M., Zola, S., Hiriart, D.. Discovery of a Highly Polarized Optical Microflare in Blazar S5 0716+714 during the 2014 WEBT Campaign. The Astrophysical Journal Letters, 809, 2, 2015, ISSN:1538-4357, DOI:10.1088/2041-8205/809/2/L27, 27. ISI IF:5.339
Цитира се в:
485. Shablovinskaya, E. S., Afanasiev, V. L., The intraday variations of the polarization vector direction in radio source S5 0716+714, 2019, MNRAS, 482, 4322, @2019 1.000
486. Friedman, A. S., Leon, D., Crowley, K. D.; Johnson, D., Teplý, G., Tytler, D., Keating, B. G.; Cole, G. M., Constraints on Lorentz invariance and C P T violation using optical photometry and polarimetry of active galaxies BL Lacertae and S5 B 0716 +714, 2019, PhRvD, 99, 035045, @2019 1.000
222. Aurière, M., **Konstantinova-Antova, R.**, Charbonnel, C., Wade, G.A., **Tsvetkova, S.**, Petit, P., Dintrans, B., Drake, N.A., Decressin, T., Lagarde, N., Donati, J.-F., Roudier, T., Lignières, F., Schröder, K.-P., Landstreet, J.D., Lèbre, A., Weiss, W.W., Zahn, J.-P.. The magnetic

fields at the surface of active single G-K giants. *Astronomy and Astrophysics*, 574, EDP Sciences, 2015, ISSN:0004-6361, DOI:<http://dx.doi.org/10.1051/0004-6361/201424579>, SJR:1.905, ISI IF:4.479

[Lumupa ce e:](#)

487. Hubrig, S.; Schöller, M., "Spectropolarimetry of stars across the H-R diagram", *Astrophysics and Space Science Library book series (ASSL, volume 460)*, 2019, 460, 173, @2019 [Линк](#) 1.000
488. He, L.; Wang, S.; Liu, J.; Soria, R.; Bai, Z.; Yang, H.; Bai, Y.; Guo, J., 'A combined Chandra and LAMOST study of stellar activity', 2019, *ApJ*, 871, 193, @2019 [Линк](#) 1.000
489. Delgado Mena, E., "Can we really detect planets around evolved massive stars?", 2019, *Highlights on Spanish Astrophysics X, Proceedings of the XIII Scientific Meeting of the Spanish Astronomical Society held on July 16-20, 2018, in Salamanca, Spain*, ISBN 978-84-09-09331-1. B. Montesinos, A. Asensio Ramos, F. Buitrago, R. Schödel, E. Villaver, S. Pérez-Hoyos, I. Ordóñez-Etxeberria (eds.) p. 455-460, @2019 [Линк](#) 1.000
490. Van, K.X.; Ivanova, N.; Heinke, C.O., "Low-mass X-ray binaries: the effect of the magnetic braking prescription", 2019, *MNRAS*, 483, 5595, @2019 [Линк](#) 1.000
491. Gray, D.F.; Martinez, A., "A spectroscopic analysis of the Hyades cool giants", 2019, *AJ*, 157, 92, @2019 [Линк](#) 1.000
492. Haemmerlé, L.; Meynet, G., "Magnetic braking of supermassive stars through winds", 2019, *A&A*, 623, 7, @2019 [Линк](#) 1.000
493. He, L.; Wang, S.; Xu, X.-J.; Soria, R.; Liu, J.-F.; Li, X.-D.; Bai, Y.; Bai, Z.-R.; Guo, J.-C.; Qiu, Y.-L.; Zhang, Y.; Xu, R.-C.; Qian, K.-C., "X-ray activity from different types of stars", 2019, *RAA*, 19, 98, @2019 [Линк](#) 1.000
494. Yasuda, Y.; Suzuki, T.K.; Kozasa, T., "Alfvén wave-driven wind from RGB and AGB stars", 2019, *ApJ*, 879, 77, @2019 [Линк](#) 1.000
495. Bonanno, A.; Corsaro, E.; Del Sordo, F.; Pallé, P.L.; Stello, D.; Hon, M., "Acoustic oscillations and dynamo action in the G8 sub-giant EK Eri", 2019, *A&A*, 628, 106, @2019 [Линк](#) 1.000
496. Mullan, D.J. & MacDonald, J., "Mass loss on the red giant branch: Plasmoid-driven winds above the RGB bump", 2019, *ApJ*, 885, 113, @2019 [Линк](#) 1.000
497. Comerford, T.A.F.; Izzard, R.G.; Booth, R.A.; Rosotti, G., "Bondi-Hoyle-Lyttleton accretion by binary stars", 2019, *MNRAS*, 490, 5196, @2019 [Линк](#) 1.000

223. Ibryamov, S., Semkov, E., Peneva, S.. Long-term BVRI light curves of 5 pre-main sequence stars in the field of "Gulf of Mexico". *Bulgarian Astronomical Journal*, 22, 2015, ISSN:1313-2709, 3-14. SJR:0.111

[Lumupa ce e:](#)

498. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóża, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, 69, 227-260, @2019 [Линк](#) 1.000

224. Cvetković, Z., Pavlović, R., Boeva, S.. CCD Measurements of Double and Multiple Stars at NAO Rozhen and ASV in 2012. Four Linear Solutions. *The Astronomical Journal*, 149, 5, IOP Publishing, 2015, ISSN:1538-3881, DOI:10.1088/0004-6256/149/5/150, id 150-9. ISI IF:4.024

[Lumupa ce e:](#)

499. Winters, Jennifer G.; Henry, Todd J.; Jao, Wei-Chun; Subasavage, John P.; Chatelain, Joseph P.; Slatten, Ken; Riedel, Adric R.; Silverstein, Michele L.; Payne, Matthew J. - "The Solar Neighborhood. XLV. The Stellar Multiplicity Rate of M Dwarfs Within 25 pc" - *AJ*, 157, 216, 2019, @2019 [Линк](#) 1.000

225. Schwadron, N. A., Lee, M. A., Gorby, M., Lugaz, N., Spence, H. E., Desai, M., Török, T., Downs, C., Linker, J., Lionello, R., Mikić, Z., Riley, P., Giacalone, J., Jokipii, J. R., Kota, J., Kozarev, K.. Particle Acceleration at Low Coronal Compression Regions and Shocks. *The Astrophysical Journal*, 810, 2, Institute of Physics Publishing, 2015, ISI IF:5.551

[Lumupa ce e:](#)

500. Páez, A.; Jatenco-Pereira, V.; Falceta-Gonçalves, D.; Opher, M. "Corrugated Features in Coronal-mass-ejection-driven Shocks: A Discussion on the Predisposition to Particle Acceleration", 2019, *The Astrophysical Journal*, Volume 879, Issue 2, article id. 122, 9 pp., @2019 1.000
501. Kahler, S. W.; Ling, A. G.; Gopalswamy, N. "Are Solar Energetic Particle Events and Type II Bursts Associated with Fast and Narrow Coronal Mass Ejections?", 2019, *Solar Physics*, Volume 294, Issue 9, article id. 134, 13 pp., @2019 1.000

226. Kjurkchieva, D. P., Dimitrov, D. P., Ibryamov, S. I.. Light curve solutions of six eclipsing binaries at the lower limit of periods for W UMA stars. *Research in Astronomy and Astrophysics*, 15, 9, IOP Science, 2015, ISSN:1674-4527, DOI:10.1088/1674-4527/15/9/006, 1493-1503. SJR:0.889, ISI IF:1.64

[Lumupa ce e:](#)

502. Zhang, Bin; Qian, S. -B.; Zhi, Q. -J.; Liu, N. -P.; Dong, A. -J.; Michel, R.; Zhu, L. -Y.; Li, K.; Zhang, J.; Wang, Q. -S., "A Detached Eclipsing Binary with a Period Shorter than 0.2 Days in a Triple System", *Publications of the Astronomical Society of the Pacific*, Volume 131, Issue 997, pp. 034201 (2019), @2019 [Линк](#) 1.000

227. Seeliger, M., Kitzé, M., Errmann, R., Richter, S., Ohlert, J. M., Chen, W. P., Guo, J. K., Göğüş, E., Güver, T., Aydın, B., Mottola, S., Hellmich, S. ..., **Dimitrov, D.**, et al.. Ground-based transit observations of the HAT-P-18, HAT-P-19, HAT-P-27/WASP40 and WASP-21 systems. Monthly Notices of the Royal Astronomical Society, 451, 4, Oxford University Press, 2015, ISSN:0035-8711, DOI:10.1093/mnras/stv1187, 4060-4072. SJR:2.76, ISI IF:5.107

[Lumupa ce e:](#)

503. Wallack, N. L., Knutson, H. A., Morley, C. V., Moses, J. I., Thomas, N. H., Thorngren, D. P., Deming, D., Desert, J.-M., Fortney, J. J., Kammer, J. A., "Investigating Trends in Atmospheric Compositions of Cool Gas Giant Planets Using Spitzer Secondary Eclipses", The Astronomical Journal, 158, 6, 217, 2019, @2019 [Линк](#) 1.000

2016

228. Gupta, A. C., Agarwal, A., Bhagwan, J., **Strigachev, A., Bachev, R., Semkov, E. H.**, Gaur, H., Damjanovic, G., Vince, O., Wiita, P. J.. Multiband optical variability of three TeV blazars on diverse time-scales. Monthly Notices of the Royal Astronomical Society, 458, Oxford University Press, 2016, ISSN:0035-8711, DOI:10.1093/mnras/stw377, 1127-1137. ISI IF:5.107

[Lumupa ce e:](#)

504. Kapanadze, B., BL Lacertae Objects: A Short Review, 2019, Communications of BAO, 66, 121-142, @2019 [Линк](#) 1.000
505. Bhattacharya, D., Gulati, S., Stalin, C. S., Intra-night optical variability of misaligned active galaxies, 2019, MNRAS, 483, 3382, @2019 [Линк](#) 1.000

229. Tomov, T. V., **Stoyanov, K. A., Zamanov, R. K.** AG Pegasi - now a classical symbiotic star in outburst?. Monthly Notices of the Royal Astronomical Society, 462, 2016, ISSN:0035-8711, 4435-4441. SJR:2.806, ISI IF:4.952

[Lumupa ce e:](#)

506. Sekeráš, M., Skopal, A., Shugarov, S., Shagatova, N., Kundra, E., Komžik, R., Vrašák, M., Peneva, S. P., Semkov, E., Stubbing, R.: 2019, CoSka 49, 19 - Photometry of Symbiotic Stars - XIV, @2019 1.000
507. Skopal, A.: 2019, CoSka 49, 189 – Studying symbiotic stars and classical nova outbursts with small telescopes, @2019 1.000

230. Bhatta, G., Stawarz, Ł., Ostrowski, M., Markowitz, A., Akitaya, H., Arkharov, A. A., **Bachev, R.**, Benítez, E., Borman, G. A., Carosati, D., Cason, A. D., Chianishvili, R., Damjanovic, G., Dhalla, S., Frasca, A., Hiriart, D., Hu, S.-M., Itoh, R., Jableka, D., Jorstad, S., Jovanovic, M. D., Kawabata, K. S., Klimanov, S. A., Kurtanidze, O., Larionov, V. M., Laurence, D., Leto, G., Marscher, A. P., Moody, J. W., Moritani, Y., Ohlert, J. M., Di Paola, A., Raiteri, C. M., Rizzi, N., Sadun, A. C., Sasada, M., Sergeev, S., **Strigachev, A.**, Takaki, K., Troitsky, I. S., Ui, T., Villata, M., Vince, O., Webb, J. R., Yoshida, M., Zola, S.. Multifrequency Photo-polarimetric WEBT Observation Campaign on the Blazar S5 0716+714: Source Microvariability and Search for Characteristic Timescales. The Astrophysical Journal, 831, 1, 2016, DOI:10.3847/0004-637X/831/1/92, 92. SJR:3.266, ISI IF:5.909

[Lumupa ce e:](#)

508. Yang, J., Yang, C., Zhou, B., Zeng, W., Long-term Multiband Study of High-redshift Blazar S5 0836+71, PASP, 131, 4101, @2019 1.000
509. Friedman, A. S., Leon, D., Crowley, K. D., Johnson, D., Teply, G., Tytler, D., Keating, B. G., Cole, G. M., Constraints on Lorentz invariance and C P T violation using optical photometry and polarimetry of active galaxies BL Lacertae and S5 B 0716 +714, PhRvD, 99, 035045, @2019 1.000

231. **Zamanov, R., Semkov, E., Stoyanov, K.**, Tomov, T.. UVB observations of the flickering of T CrB. The Astronomer's Telegram, 8675, 2016, 1

[Lumupa ce e:](#)

510. Linford, J. D., Chomiuk, L., Sokolowski, J. L., Weston, J. H. S., van der Horst, A. J., Mukai, K., Barrett, P., Mioduszewski, A. J., Rupen, M., T CrB: Radio Observations during the 2016–2017 “Super-active” State, 2019, ApJ, 884, art. id. 8, @2019 [Линк](#) 1.000

232. **Zamanov, R. K., Boeva, S., Latev, G.**, Sokolowski, J. L., **Stoyanov, K. A., Genkov, V., Tsvetkova, S. V.**, Tomov, T., **Antov, A.**, Bode, M. F.. Flickering of accreting white dwarfs: the remarkable amplitude - flux relation and disc viscosity. Monthly Notices of the Royal Astronomical Society, 457, 2016, 10. SJR:2.806, ISI IF:5.107

[Lumupa ce e:](#)

511. Pan, C. Y., Dai, Z. B.: 2019, Acta Astronomica Sinica 60, 35 - Investigations on the Observations of Three Types of Periodic Oscillations in Cataclysmic Variables, @2019 1.000

233. Agarwal, A., Gupta, A. C., **Bachev, R., Strigachev, A., Semkov, E.**, Wiita, P. J., Fan, J. H., Pandey, U. S., **Boeva, S., Spassov, B.** Multiband optical variability of the blazar S5 0716+714 in outburst state during 2014-2015. Monthly Notices of the Royal Astronomical Society, 455, 1, Oxford University Press, 2016, ISSN:0035-8711, DOI:10.1093/mnras/stv2345, 680-690. ISI IF:5.107

Цитира се е:

512. Liu, H. T., Feng, H. C., Xin, Y. X., Bai, J. M., Search for Intra-day Optical Variability in gamma-ray-loud Blazars S5 0716+714 and 3C 273, 2019, ApJ, 880, art. id. 155, @2019 [Линк](#) 1.000
513. Wang, C.-J., Xiong, D.-R., Bai, J.-M., Optical multi-color monitoring of the BL Lacertae Object S5 0716+714 with BOOTES-4, 2019, Ap&SS, 364, art. id. 83, @2019 [Линк](#) 1.000
234. Valtonen, M. J., Zola, S., Ciprini, S., Gopakumar, A., ..., **Dimitrov, D.**, ... et al.. Primary Black Hole Spin in OJ 287 as Determined by the General Relativity Centenary Flare. The Astrophysical Journal Letters, 819, 2, 2016, L37-L42. ISI IF:6.634

Цитира се е:

514. Quinn, John, "VERITAS: Status and Recent Results", RICAP18, 7th Roma International Conference on Astroparticle Physics, Roma, Italy, Edited by De Vincenzi, M.; Capone, A.; Morselli, A.; EPJ Web of Conferences, Volume 209, id.01028, (2019), @2019 [Линк](#) 1.000
515. Wehrle, Ann E.; Carini, Michael; Wiita, Paul J., "Measuring the Variability in K2 Optical Light Curves of the Binary Black Hole Candidate OJ 287 and Other Fermi Active Galactic Nuclei in 2014–2015", The Astrophysical Journal, Volume 877, Issue 2, article id. 151, 16 pp. (2019), @2019 [Линк](#) 1.000
516. Zubovas, Kastytis; King, Andrew R., "The M- σ relation between supermassive black holes and their host galaxies", General Relativity and Gravitation, Volume 51, Issue 5, article id. 65, 20 pp., (2019), @2019 [Линк](#) 1.000
517. Gupta, Alok C.; Gaur, Haritma; Wiita, Paul J.; Pandey, A.; Kushwaha, P.; Hu, S. M.; Kurtanidze, O. M.; Semkov, E.; Damjanovic, G.; Goyal, A.; Uemura, M.; et al., "Characterizing Optical Variability of OJ 287 in 2016-2017", The Astronomical Journal, Volume 157, Issue 3, article id. 95, 12 pp. (2019), @2019 [Линк](#) 1.000
518. Rieger, Frank, "Gamma-Ray Astrophysics in the Time Domain", Galaxies, vol. 7, issue 1, p. 28, (2019), @2019 [Линк](#) 1.000
519. Martin, J. R.; Reichart, D. E.; Dutton, D. A.; Maples, M. P.; Berger, T. A.; Ghigo, F. D.; Haislip, J. B.; Shaban, O. H.; Trotter, A. S.; Barnes, L. M.; Paggen, M. L.; et al., "Skynet Algorithm for Single-dish Radio Mapping. I. Contaminant-cleaning, Mapping, and Photometry of Small-scale Structures", The Astrophysical Journal Supplement Series, Volume 240, Issue 1, article id. 12, 50 pp. (2019), @2019 [Линк](#) 1.000
520. Zhu, Xing-Jiang, Cui, Weiguang, Thrane, Eric, The minimum and maximum gravitational-wave background from supermassive binary black holes, Monthly Notices of the Royal Astronomical Society, Volume 482, Issue 2, Pages 2588–2596, 2019, @2019 [Линк](#) 1.000
235. Maciejewski, G., **Dimitrov, D.**, Fernández, M., Sota, A., Nowak, G., Ohlert, J., **Nikolov, G.**, Bukowiecki, Ł., Hinse, T. C., Pallé, E., Tingley, B., Kjurkchieva, D., Lee, J. W., Lee, C.-U.. Departure from the constant-period ephemeris for the transiting exoplanet WASP-12. Astronomy and Astrophysics, 588, 2016, L6-L11. ISI IF:5.565

Цитира се е:

521. Baluev, R. V.; Sokov, E. N.; Jones, H. R. A.; Shaidulin, V. Sh; Sokova, I. A.; Nielsen, L. D.; Benni, P.; Schneiter, E. M.; Villarreal D'Angelo, C.; et al., "Homogeneously derived transit timings for 17 exoplanets and reassessed TTV trends for WASP-12 and WASP-4", Monthly Notices of the Royal Astronomical Society, Volume 490, Issue 1, p.1294-1312, (2019), @2019 [Линк](#) 1.000
522. Bell, Taylor J.; Zhang, Michael; Cubillos, Patricio E.; Dang, Lisa; Fossati, Luca; Todorov, Kamen O.; Cowan, Nicolas B.; Deming, Drake; Zellem, Robert T.; Stevenson, Kevin B.; Crossfield, Ian J. M.; Dobbs-Dixon, Ian; Fortney, Jonathan J.; Knutson, Heather A.; Line, Michael R., "Mass loss from the exoplanet WASP-12b inferred from Spitzer phase curves", Monthly Notices of the Royal Astronomical Society, Volume 489, Issue 2, p.1995-2013, (2019), @2019 [Линк](#) 1.000
523. Duguid, Craig D.; Barker, Adrian J.; Jones, Chris A., "Tidal flows with convection: frequency-dependence of the effective viscosity and evidence for anti-dissipation", MNRAS, eprint arXiv:1910.06034, @2019 [Линк](#) 1.000
524. Adams, Arthur D.; Millholland, Sarah; Laughlin, Gregory P., "Signatures of Obliquity in Thermal Phase Curves of Hot Jupiters", The Astronomical Journal, Volume 158, Issue 3, article id. 108, 16 pp. (2019), @2019 1.000
525. Southworth, John; Dominik, M.; Jørgensen, U. G.; Andersen, M. I.; Bozza, V.; Burgdorf, M. J.; D'Ago, G.; Dib, S.; Jaimes, R. Figuera; Fujii, Y. I.; Gill, S.; Haikala, L. K.; Hinse, T. C.; Hundertmark, M.; Khalouei, E.; Korhonen, H.; Longa-Peña, P.; Mancini, L.; Peixinho, N.; Rabus, M.; "Transit timing variations in the WASP-4 planetary system", Monthly Notices of the Royal Astronomical Society, Volume 490, Issue 3, p.4230-4236, 2019, @2019 [Линк](#) 1.000
526. Heller, René, "Formation of hot Jupiters through disk migration and evolving stellar tides", Astronomy & Astrophysics, Volume 628, id.A42, 14 pp., (2019), @2019 [Линк](#) 1.000
527. Bouma, L. G.; Winn, J. N.; Baxter, C.; Bhatti, W.; Dai, F.; Daylan, T.; Désert, J. -M.; Hill, M. L.; Kane, S. R.; Stassun, K. G.; Villaseñor, J.; Ricker, G. R.; Vanderspek, R.; Latham, D. W.; Seager, S.; Jenkins, J. M.; Berta-Thompson, Z.; Colón, K.; Fausnaugh, M.; Glidden, Ana, "WASP-4b Arrived Early for the TESS Mission", The Astronomical Journal, Volume 157, Issue 6, article id. 217, 16 pp. (2019), @2019 [Линк](#) 1.000
528. Öztürk, Oğuz; Erdem, Ahmet, "New photometric analysis of five exoplanets: CoRoT-2b, HAT-P-12b, TrES-2b, WASP-12b, and WASP-52b", Monthly Notices of the Royal Astronomical Society, Volume 486, Issue 2, p.2290-2307, (2019), @2019 [Линк](#) 1.000
529. Chontos, Ashley; Huber, Daniel; Latham, David W.; Bieryla, Allyson; Van Eylen, Vincent; Bedding, Timothy R.; Berger, Travis; Buchhave, Lars A.; Campante, Tiago L.; Chaplin, William J.; Colman, Isabel L.; Coughlin, Jeff L.; Davies, Guy; Hirano, 1.000

- Teruyuki; Howard, Andrew W.; Isaacson, Howard, "The Curious Case of KOI 4: Confirming Kepler's First Exoplanet Detection", *The Astronomical Journal*, Volume 157, Issue 5, article id. 192, 14 pp. (2019)., @2019
530. Shporer, Avi; Wong, Ian; Huang, Chelsea X.; Line, Michael R.; Stassun, Keivan G.; Fetherolf, Tara; Kane, Stephen R.; Bouma, Luke G.; Daylan, Tansu.; et al., "TESS Full Orbital Phase Curve of the WASP-18b System", *The Astronomical Journal*, Volume 157, Issue 5, article id. 178, 12 pp. (2019)., @2019 [Линк](#)
531. Kedziora-Chudczer, L.; Zhou, G.; Bailey, J.; Bayliss, D. D. R.; Tinney, C. G.; Osip, D.; Colón, K. D.; Shporer, A.; Dragomir, D., "Secondary eclipses of WASP-18b - near-infrared observations with the Anglo-Australian Telescope, the Magellan Clay Telescope and the LCOGT network", *Monthly Notices of the Royal Astronomical Society*, Volume 483, Issue 4, p.5110-5122, (2019), @2019 [Линк](#)
532. Mallonn, M.; von Essen, C.; Herrero, E.; Alexoudi, X.; Granzer, T.; Sosa, M.; Strassmeier, K. G.; Bakos, G.; Bayliss, D.; Brahm, R.; Bretton, M.; et al., "Ephemeris refinement of 21 hot Jupiter exoplanets with high timing uncertainties", *Astronomy & Astrophysics*, Volume 622, id.A81, 21 pp., (2019), @2019 [Линк](#)
533. Labadie-Bartz, Jonathan; Rodriguez, Joseph E.; Stassun, Keivan G.; Ciardi, David R.; Penev, Kaloyan; Johnson, Marshall C.; Gaudi, B. Scott; Colón, Knicole D.; et al., "KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin", *The Astrophysical Journal Supplement Series*, Volume 240, Issue 1, article id. 13, 17 pp. (2019)., @2019
534. Bailey, Avery, Goodman, Jeremy, "Understanding WASP-12b", 2019, *MNRAS*, 482, 1872, @2019 [Линк](#) 1.000
535. Hamer, J. H., Schlaufman, K. C., "Hot Jupiters Are Destroyed by Tides While Their Host Stars Are on the Main Sequence", *The Astronomical Journal*, Volume 158, Issue 5, article id. 190, 9 pp. (2019)., @2019 [Линк](#) 1.000
236. Aurière, M., López Ariste, A., Mathias, P., Lèbre, A., Josselin, E., Montargès, M., Petit, P., Chiavassa, A., Paletou, F., Fabas, N., **Konstantinova-Antova, R.**, Donati, J.-F., Grunhut, J. H., Wade, G. A., Herpin, F., Kervella, P., Perrin, G., Tessore, B.. Discovery of a complex linearly polarized spectrum of Betelgeuse dominated by depolarization of the continuum. *Astronomy & Astrophysics*, 591, 2016, 119. SJR:2.446, ISI IF:5.185
- Цитупа се е:
536. Gangi, Manuele and Leone, Francesco The first "second solar spectrum" ever observed in a star different than the sun: A high-resolution spectropolarimetric Atlas of 89 Hercules, *AN*, 340, 409, @2019 1.000
237. Kjurkchieva, D., Atanasova, T., **Dimitrov, D.** Light-curve solutions of 20 eclipsing Kepler binaries, most of them with pronounced spot and flare activity. *Astronomische Nachrichten*, 337, 6, 2016, DOI:10.1002/asna.201512357, 640-651. ISI IF:1.322
- Цитупа се е:
537. Czesla, S.; Terzenbach, S.; Wichmann, R.; Schmitt, J. H. M. M., "Spot evolution in the eclipsing binary CoRoT 105895502", *Astronomy & Astrophysics*, Volume 623, id.A107, 9 pp., (2019), @2019 [Линк](#) 1.000
238. Frank, K.A., **Zhekov, S.A.**, Park, S., McCray, R., Dwek, E., Burrows, D.N.. Chandra Observes the End of an Era in SN 1987A. *The Astrophysical Journal*, 829, 1, 2016, DOI:10.3847/0004-637X/829/1/40, 40. ISI IF:5.909
- Цитупа се е:
538. Orlando, S.; Miceli, M.; Petruk, O.; Ono, M.; Nagataki, S.; Aloy, M. A.; Mimica, P.; Lee, S. -H.; Bocchino, F.; Peres, G.; Guarrasi, M., "3D MHD modeling of the expanding remnant of SN 1987A. Role of magnetic field and non-thermal radio emission", *Astronomy & Astrophysics*, Volume 622, id.A73, 15 pp, @2019 [Линк](#) 1.000
539. Malyshev, Denys; Pühlhofer, Gerd; Santangelo, Andrea; Vink, Jacco, "Evidence for recent GeV brightening of the SN 1987A region", eprint arXiv:1903.03045, @2019 [Линк](#) 1.000
540. Larsson, J.; Spyromilio, J.; Fransson, C.; Indebetouw, R.; Matsuura, M.; Abellán, F. J.; Cigan, P.; Gomez, H.; Leibundgut, B., "A Three-dimensional View of Molecular Hydrogen in SN 1987A", *The Astrophysical Journal*, Volume 873, Issue 1, article id. 15, 11 pp, @2019 [Линк](#) 1.000
541. Quirola-Vásquez, J.; Bauer, F. E.; Clocchiatti, A.; Zelaya, P.; Farías, D, "Spectropolarimetry of SN 2010jl", *Boletín de la Asociación Argentina de Astronomía*, vol. 61a, p.90-92, @2019 [Линк](#) 1.000
542. Alp, Dennis; Larsson, Josefin; Maeda, Keiichi; Fransson, Claes; Wongwathanarat, Annap; Gabler, Michael; Janka, Hans-Thomas; Jerkstrand, Anders; Heger, Alexander; Menon, Athira, "X-Ray and Gamma-Ray Emission from Core-collapse Supernovae: Comparison of Three-dimensional Neutrino-driven Explosions with SN 1987A", *The Astrophysical Journal*, Volume 882, Issue 1, article id. 22, 19 pp, @2019 [Линк](#) 1.000
543. Quirola-Vásquez, J.; Bauer, F. E.; Dwarkadas, V. V.; Badenes, C.; Brandt, W. N.; Nymark, T.; Walton, D., "The exceptional X-ray evolution of SN 1996cr in high resolution", *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 4, p.4536-4564, @2019 [Линк](#) 1.000
544. Petruk, O.; Beshley, V.; Marchenko, V.; Patrii, M., "GeV light curves of young supernova remnants", eprint arXiv:1912.06452, @2019 [Линк](#) 1.000
545. Orlando, S.; Ono, M.; Nagataki, S.; Miceli, M.; Umeda, H.; Ferrand, G.; Bocchino, F.; Petruk, O.; Peres, G.; Takahashi, K.; Yoshida, T., "Hydrodynamic simulations unravel the progenitor-supernova-remnant connection in SN 1987A", eprint arXiv:1912.03070, @2019 [Линк](#) 1.000

546. Larsson, J.; Fransson, C.; Alp, D.; Challis, P.; Chevalier, R. A.; France, K.; Kirshner, R. P.; Lawrence, S.; Leibundgut, B.; Lundqvist, P.; Mattila, S.; Migotto, K.; Sollerman, J.; Sonneborn, G.; Spyromilio, J.; Suntzeff, N. B.; Wheeler, J. C., "The Matter Beyond the Ring: The Recent Evolution of SN 1987A Observed by the Hubble Space Telescope", *The Astrophysical Journal*, Volume 886, Issue 2, article id. 147, 21 pp, @2019 [Линк](#) 1.000
547. Wilkes, Belinda J., "Chandra's revolution in X-ray astronomy", *Astronomy & Geophysics*, Volume 60, Issue 6, p.6.19-6.25, @2019 [Линк](#) 1.000
239. Naze, Y., ud-Doula, A., **Zhekov, S.A.**. Chandra View of Magnetically Confined Wind in HD191612: Theory Versus Observations. *The Astrophysical Journal*, 831, 2, 2016, DOI:10.3847/0004-637X/831/2/138, 138. ISI IF:5.909
Лумупа се в:
548. Drake, J. J., "X-rays from Stars and Planetary Systems", A primer on Chandra contributions to X-ray studies of stars and planetary systems. 96 pages, @2019 [Линк](#) 1.000
240. Mohan, P., Gupta A. C., **Bachev, R, Strigachev, A.**. Kepler light-curve analysis of the blazar W2R 1926+42. *MNRAS*, 456.654, 2016, ISI IF:4.952
Лумупа се в:
549. Dobrotka, A.; Negro, H.; Mineshige, S., "Similar shot profile morphology of fast variability in a cataclysmic variable, X-ray binary, and blazar: The MV Lyrae case", 2019, *A&A*, 631, A134, @2019 1.000
550. Dobrotka, A.; Bezák, P.; Revalski, M.; Strémy, M.; "Multicomponent Power Density Spectra of Kepler AGNs, an instrumental artifact or a physical origin?", 2019, *MNRAS*, 483, 38, @2019 1.000
551. Wehrle, Ann E.; Carini, Michael; Wiita, Paul J. , "Measuring the Variability in K2 Optical Light Curves of the Binary Black Hole Candidate OJ 287 and Other Fermi Active Galactic Nuclei in 2014-2015", 2019, *ApJ*, 877, 151, @2019 1.000
552. Ryan, J. L.; Siemiginowska, A.; Sobolewska, M. A.; Grindlay, J. , "Characteristic Variability Timescales in the Gamma-Ray Power Spectra of Blazars", 2019, *ApJ*, 885, 12, @2019 1.000
241. **Borisova, A.**, Aurière, M., Petit, P., **Konstantinova-Antova, R.**, Charbonnel, C., Drake, N. A. The different origins of magnetic fields and activity in the Hertzsprung gap stars, OU Andromedae and 31 Comae. *Astronomy & Astrophysics*, Volume 591, July 201, EDP Sciences, 2016, ISSN:SSN: 0004-6361, DOI:http://dx.doi.org/10.1051/0004-6361/201526726, A57. SJR:2.446, ISI IF:4.378
Лумупа се в:
553. Argiroffi, C.; Reale, F.; Drake, J. J.; Ciaravella, A.; Testa, P.; Bonito, R.; Miceli, M.; Orlando, S.; Peres, G. A stellar flare-coronal mass ejection event revealed by X-ray plasma motions, *Nature Ast.*, 3, 742, @2019 1.000
242. Larionov, V. M., Villata, M., Raiteri, C. M., Jorstad, S. G., Marscher, A. P., Agudo, I., Smith, P. S., Acosta-Pulido, J. A., Arévalo, M. J., Arkharov, A. A., **Bachev, R.**, Blinov, D. A., **Borisov, G.**, Borman, G. A., Bozhilov, V., Bueno, A., Carnerero, M. I., Carosati, D., Casadio, C., Chen, W. P., Clemens, D. P., Di Paola, A., Ehgamberdiev, Sh. A., Gómez, J. L., González-Morales, P. A., Griñón-Marín, A., Grishina, T. S., Hagen-Thorn, V. A., **Ibryamov, S.**, Itoh, R., Joshi, M., Kopatskaya, E. N., Koptelova, E., Lázaro, C., Larionova, E. G., Larionova, L. V., Manilla-Robles, A., Metodieva, Y., Milanova, Yu. V., Mirzaqulov, D. O., Molina, S. N., Morozova, D. A., Nazarov, S. V., Ovcharov, E., **Peneva, S.**, Ros, J. A., Sadun, A. C., Savchenko, S. S., **Semkov, E.**, Sergeev, S. G., **Strigachev, A.**, Troitskaya, Yu. V., Troitsky, I. S.. Exceptional outburst of the blazar CTA 102 in 2012: the GASP-WEBT campaign and its extension. *Monthly Notices of the Royal Astronomical Society*, 461, Oxford University Press, 2016, ISSN:0035-8711, DOI:10.1093/mnras/stw1516, 3047-3056. SJR:2.806, ISI IF:4.952
Лумупа се в:
554. Prince, R., Gupta, N., Nalewajko, K., Two-zone emission modeling of PKS 1510-089 during the high state of 2015, 2019, *ApJ*, 883, art. id. 137, @2019 [Линк](#) 1.000
555. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S., Wierzcholska, A., The extended flare in CTA 102 in 2016 and 2017 within a hadronic model through cloud ablation by the relativistic jet, 2019, *ApJ*, 871, art. id. 19, @2019 [Линк](#) 1.000
556. Böttcher, M., Progress in Multi-wavelength and Multi-Messenger Observations of Blazars and Theoretical Challenges, 2019, *Galaxies*, 7(1), art. id. 20, @2019 [Линк](#) 1.000
557. Prince, R., "Multi-frequency variability study of Ton 599 during high activity of 2017", 2019, *ApJ*, Volume 871, Issue 1, article id. 101, @2019 [Линк](#) 1.000
558. Liodakis, I., Romani, R. W., Filippenko, A. V., Kocevski, D., Zheng, W., Probing Blazar Emission Processes with Optical/Gamma-ray Flare Correlations, 2019, *ApJ*, 880, art. id. 32, @2019 [Линк](#) 1.000
243. **Ibryamov, S. I., Semkov, E. H.**. Photometric variability of 14 PMS stars in the NGC 7000/IC 5070 complex. *Bulgarian Astronomical Journal*, 24, 2016, ISSN:1313-2709, 62-88. SJR:0.111
Лумупа се в:
559. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóża, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, 69, 227-260, @2019 [Линк](#) 1.000

244. Ilkiewicz, K., Mikołajewska, J., **Stoyanov, K.**, Manousakis, A., Miszalski, B.. Active phases and flickering of a symbiotic recurrent nova T CrB. *Monthly Notices of the Royal Astronomical Society*, 462, 2016, ISSN:0035-8711, 2695-2705. SJR:2.806, ISI IF:4.952
- Лумупа се е:*
560. Linford, J. D., Chomiuk, L., Sokolowski, J. L., Weston, J. H., van der Horst, A. J., Mukai, K., Barret, P., Mioduszewski, A. J., Rupen, M.: 2019, *ApJ* 884, 8 - T CrB: Radio Observations during the 2016-2017 "Super-Active" State, @2019 1.000
561. Teyssier, F.: 2019, *CoSka* 49, 217 - Eruptive stars monitoring and the ARAS database, @2019 1.000
562. Zhekov, S. A., Tomov, T. V.: 2019, *MNRAS* 489, 2930 - XMM-Newton observations of the symbiotic recurrent nova T CrB: evolution of X-ray emission during the active phase, @2019 1.000
563. Evans, A., Pavlenko, Ya. V., Banerjee, D. P. K., Munari, U., Gehrz, R. D., Woodward, C. E., Starrfield, S., Helton, L. A., Shahbandeh, M., Davis, S., Dallaporta, S., Cherini, G.: 2019, *MNRAS* 486. 3498 - Gas phase SiO in the circumstellar environment of the recurrent nova T Coronae Borealis, @2019 1.000
245. **Zamanov, R. K., Stoyanov, K. A., Marti, J., Latev, G. Y., Nikolov, Y. M., Bode, M. F., Luque-Escamilla, P. L.** Optical spectroscopy of Be/gamma-ray binaries. *Astronomy & Astrophysics*, 593, 2016, ISSN:0004-6361, 97-105. SJR:2.446, ISI IF:5.185
- Лумупа се е:*
564. Kieda, D., VERITAS Collaboration: 2019, *ICRS* 36, 713 - Characterizing the VHE emission of LS I +61 303 using VERITAS observations, @2019 1.000
565. Prado, R. R., Hailey, C., Mandel, S., Mori, K.: 2019, *ICRS* 36, 767 - Combined VERITAS and NuSTAR observations of the gamma-ray binary HESS J0632+057, @2019 1.000
246. Zola, S., Valtonen, M., Bhatta, G., Goyal, A., ..., **Dimitrov, D.**, ... et al., A Search for QPOs in the Blazar OJ287: Preliminary Results from the 2015/2016 Observing Campaign. *Galaxies*, 4, 4, MDPI, 2016, ISSN:EISSN 2075-4434, DOI:10.3390/galaxies4040041, 41. SJR:0.64
- Лумупа се е:*
566. Martin, J. R., Reichart, D. E., Dutton, D. A., Maples, M. P., Berger, T. A., Ghigo, F. D., Haislip, J. B., Shaban, O. H., Trotter, A. S., et al., "Skynet Algorithm for Single-dish Radio Mapping. I. Contaminant-cleaning, Mapping, and Photometry of Small-scale Structures", *The Astrophysical Journal Supplement Series*, Volume 240, Issue 1, article id. 12, 50 pp. (2019), @2019 [Линк](#) 1.000
567. Sosa, Marina, "Estudio observacional de la emisión óptica de blazares detectados a altas energías", Tesis de doctorado Facultad de Ciencias Astronómicas y Geofísicas Universidad Nacional de La Plata, 2019, @2019 [Линк](#) 1.000
247. Kjurkchieva, D., Vasileva, D., **Dimitrov, D.** Light Curve Solutions of 12 Eccentric Kepler Binaries and Analysis of Their Out-of-eclipse Variability. *The Astronomical Journal*, 152, 6, 2016, DOI:10.3847/0004-6256/152/6/189, 189. ISI IF:4.617
- Лумупа се е:*
568. Windemuth, D.; Agol, E.; Ali, A.; Kiefer, F., "Modelling Kepler eclipsing binaries: homogeneous inference of orbital and stellar properties", *Monthly Notices of the Royal Astronomical Society*, Volume 489, Issue 2, p.1644-1666, (2019), @2019 [Линк](#) 1.000
569. Gaulme, P., Guzik, J. A., "Systematic search for stellar pulsators in the eclipsing binaries observed by Kepler", *Astronomy & Astrophysics*, Volume 630, id.A106, 17 pp., 2019, @2019 [Линк](#) 1.000
248. Kjurkchieva, D., Popov, V., Vasileva, D., **Petrov, N.** Observations and Light Curve Solutions of Four Ultrashort-Period Binaries. *Serbian Astronomical Journal*, 192, 2016, DOI:10.2298/SAJ150914001K, 21. ISI IF:0.43
- Лумупа се е:*
570. Li, Kai; Xia, Qi-Qi; Michel, Raul; Hu, Shao-Ming; Guo, Di-Fu; Gao, Xing; Chen, Xu; Gao, Dong-Yang. "Contact binaries at the short period cut-off - I. Statistics and the first photometric investigations of 10 totally eclipsing systems". *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 4, p.4588-4600, 2019., @2019 [Линк](#) 1.000
249. Balokovic, M., Paneque, D., Madejski, G., Furniss, A., Chiang, J., Ajello, M., Alexander, D. M., Barret, D., Blandford, R., Boggs, S. E., Christensen, F. E., Craig, W. W., Forster, K., Giommi, P., Grefenstette, B. W., Hailey, C. J., Harrison, F. A., Hornstrup, A., Kitaguchi, T., Koglin, J. E., Madsen, K. K., Mao, P. H., Miyasaka, H., Mori, K., Perri, M., Pivovarov, M. J., Puccetti, S., Rana, V., Stern, D., Tagliaferri, G., Urry, C. M., Westergaard, N. J., Zhang, W. W., Zoglauer, A., Archambault, S., Archer, A. A., Barnacka, A., Benbow, W., Bird, R., Buckley, J., Bugaev, V., Cerruti, M., Chen, X., Ciupik, L., Connolly, M. P., Cui, W., Dickinson, H. J., Dumm, J., Eisch, J. D., Falcone, A., Feng, Q., Finley, J. P., Fleischhack, H., Fortson, L., Griffin, S., Griffiths, S. T., Grube, J., Gyuk, G., Huetten, M., Haakansson, N., Holder, J., Humensky, T. B., Johnson, C. A., Kaaret, P., Kertzman, M., Khassen, Y., Kieda, D., Krause, M., Krennrich, F., Lang, M. J., Maier, G., McArthur, S., Meagher, K., Moriarty, P., Nelson, T., Nieto, D., Ong, R. A., Park, N., Pohl, M., Popkow, A., Poeschel, E., Reynolds, P. T., Richards, G. T., Roache, E., Santander, M., Sembroski, G. H., Shahinyan, K., Smith, A. W., Staszak, D., Telezhinsky, I., Todd, N. W., Tucci, J. V., Tyler, J., Vincent, S., Weinstein, A., Wilhelm, A., Williams, D. A., Zitzer, B., Ahnen, M. L., Ansoldi, S., Antonelli, L. A., Antoranz, P., Babic, A., Banerjee, B., Bangale, P., Barres de Almeida, U., Barrio, J., Becerra Gonzalez, J., Bednarek, W., Bernardini, E., Biasuzzi, B., Biland, A., Blanch, O., Bonnefoy, S., Bonnoli, G., Borraconi, F., Bretz, T., Carmona, E., Carosi, A., Chatterjee, A., Clavero, R., Colin, P., Colombo, E., Contreras, J. L., Cortina, J., Covino, S., Da Vela, P., Dazzi, F., de Angelis, A., De Lotto, B., de Ona Wilhelmi, E. D., Delgado Mendez, C., Di Pierro, F., Dominis Prestero, D., Dorner, D., Doro, M., Einecke, S., Elsaesser, D., Fernandez-Barral, A., Fidalgo, D., Fonseca, M. V., Font, L., Frantzen,

K., Fruck, C., Galindo, D., Garcia Lopez, R. J., Garczarczyk, M., Garrido Terrats, D., Gaug, M., Giammaria, P., Eisenacher, D., Godinovic, N., Gonzalez Munoz, A., Guberman, D., Hahn, A., Hanabata, Y., Hayashida, M., Herrera, J., Hose, J., Hrupec, D., Hughes, G., Idec, W., Kodani, K., Konno, Y., Kubo, H., Kushida, J., La Barbera, A., Lelas, D., Lindfors, E., Lombardi, S., Longo, F., Lopez, M., Lopez-Coto, R., Lopez-Oramaz, A., Lorenz, E., Majumdar, P., Makariev, M., Mallot, K., Maneva, G., Manganaro, M., Mannheim, K., Maraschi, L., Marcote, B., Mariotti, M., Martinez, M., Mazin, D., Menzel, U., Miranda, J. M., Mirzoyan, R., Moralejo, A., Moretti, E., Nakajima, D., Neustroev, V., Niedzwiecki, A., Nieves-Rosillo, M., Nilsson, K., Nishijima, K., Noda, K., Orito, R., Overkemping, A., Paiano, S., Palacio, S., Palatiello, M., Paoletti, R., Paredes, J. M., Paredes-Fortuny, X., Persic, M., Poutanen, J., Prada Moroni, P. G., Prandini, E., Puljak, I., Rhode, W., Ribo, M., Rico, J., Rodriguez Garcia, J., Saito, T., Satalecka, K., Scapin, V., Schultz, C., Schweizer, T., Shore, S. N., Sillanpaa, A., Sitarek, J., Snidaric, I., Sobczynska, D., Stamerra, A., Steinbring, T., Strzys, M., Takalo, L. O., Takami, H., Tavecchio, F., Temnikov, P., Terzic, T., Tesaro, D., Teshima, M., Thaele, J., Torres, D. F., Toyama, T., Treves, A., Verguillo, V., Vovk, I., Ward, J. E., Will, M., Wu, M. H., Zanin, R., Perkins, J., Verrecchia, F., Leto, C., Botcher, M., Villata, M., Raiteri, C. M., Acosta-Pulido, J. A., **Bachev, R.**, Berdyugin, A., Blinov, D. A., Camerero, M. I., Chen, W. P., Chinchilla, P., Damjanovic, G., Eswaraiah, C., Grishina, T. S., **Ibryamov, S.**, Jordan, B., Jorstad, S. G., Joshi, M., Kopatskaya, E. N., Kurtanidze, O. M., Kurtanidze, S. O., Larionova, E. G., Larionova, L. V., Larionov, V. M., **Latev, G.**, Lin, H. C., Marscher, A. P., Mokrushina, A. A., Morozova, D. A., Nikolashvili, M. G., **Semkov, E.**, **Strigachev, A.**, Troitskaya, Yu. V., Troitsky, I. S., Vince, O., Barnes, J., Guver, T., Moody, J. W., Sadun, A. C., Sun, S., Hovatta, T., Richards, J. L., Max-Moerbeck, W., Readhead, A. C., Lahteenmaki, A., Tornikoski, M., Tammi, J., Ramakrishnan, V., Reinthal, R., Angelakis, E., Fuhrmann, L., Myserlis, I., Karamanavis, V., Sievers, A., Ungerechts, H., Zensus, J. A.. Multiwavelength Study of Quiescent States of Mrk 421 with Unprecedented Hard X-Ray Coverage Provided by NuSTAR in 2013. *Astrophysical Journal*, 819, IOPscience, 2016, ISSN:1538-4357, DOI:10.3847/0004-637X/819/2/156, 156. ISI IF:5.993

Lumupa ce e:

571. González, M. M., Patricelli, B., Fraija, N., García-González, J. A., Reconciliation of VHE gamma-ray/X-ray correlation studies in Mrk 421 and break-down at high fluxes, 2019, *MNRAS*, Volume 484, Issue 3, Pages 2944–2953, @2019 [Линк](#) **0.033**
572. Zhang, Z., Gupta, A. C., Gaur, H., Wiita, P. J., An, T., Gu, M., Hu, D., Xu, H., X-ray Intra-day Variability of the TeV Blazar Mrk 421 with Suzaku, 2019, *ApJ*, 884, art. id. 125, @2019 [Линк](#) **0.033**
573. Sahu, S., Multi-TeV flaring in nearby High Energy Blazars: A photohadronic scenario, 2019, *Revista Mexicana de Fisica*, 65, 307-320, @2019 [Линк](#) **0.033**
574. Yadav, K. K., Chanchalani, K., Singh, K. K., Ghosal, B., Chandra, P., Rannot, R. C., Tickoo, A. K., Agarwal, N. K., Kothari, M., Gaur, K. K., Goyal, H. C., Goyal, A., Kumar, N., Marandi, P., Kaul, S. R., Dhar, V. K., Koul, M. K., Koul, R., Venugopal, K., Bhat, C. K., Chouhan, N., Borwankar, C., TeV γ -ray emission from Mrk 421 observed with TACTIC during December 2014 - February 2015, 2019, *NewA*, 67, 67-75, @2019 [Линк](#) **0.033**

250. **Komitov, B.**, Sello, S., **Duchlev, P.**, **Dechev, M.**, Penev, K., **Koleva, K.**. Sub- and Quasi-Centurial Cycles in Solar and Geomagnetic Activity Data Series. *Bulgarian Astronomical Journal*, 25, 2016, ISSN:1314-5592, 78-103. SJR:0.111

Lumupa ce e:

575. Javaraiah, J. North-South Asymmetry in Solar Activity and Solar Cycle Prediction, IV: Prediction for Lengths of Upcoming Solar Cycles, *Solar Physics*, 294, Issue 5, 2019, p. 64., @2019 [Линк](#) **1.000**
576. Javaraiah J., North-South Asymmetry in Solar Activity and Solar Cycle Prediction, IV: Prediction for Lengths of Upcoming Solar Cycles, *ArXiv* 1904.11500, 2019, @2019 [Линк](#) **1.000**

2017

251. **Bonev, T.**, **Markov, H.**, Tomov, T., **Bodganovski, R.**, **Markishki, P.**, **Belcheva, M.**, Dimitrov, W., Kaminski, K., Milushev, I., Musaeff, F., **Napetova, M.**, **Nikolov, G.**, **Nikolov, P.**, Tenev, T.. ESpeRo: Echelle Spectrograph Rozhen. *Bulgarian Astronomical Journal*, 26, 2017, ISSN:1313-2709, 67-90. SJR:0.15

Lumupa ce e:

577. Kjurkchieva, Diana; Stateva, Ivanka; Popov, Velimir A.; Marchev, Dragomir."Photometric and Spectral Observations of the W UMa Stars NSVS 4161544 and 1SWASP J034501.24+493659.9. GAIA Challenges".*The Astronomical Journal*, Volume 157, Issue 2, article id. 73, 6 pp. (2019)., @2019 [Линк](#) **1.000**
578. Zamanov, R.; Stoyanov, K. A.; Wolter, U.; Marchev, D.; Petrov, N. I."Spectral observations of X Persei: Connection between H α and X-ray emission".*Astronomy & Astrophysics*, Volume 622, id.A173, 9 pp., @2019 [Линк](#) **1.000**

252. **Zamanov, R. K.**, **Boeva, S.**, **Nikolov, Y. M.**, **Petrov, B.**, **Bachev, R.**, **Latev, G. Y.**, Popov, V. A., **Stoyanov, K. A.**, Bode, M. F., Marti, J., Tomov, T., **Antonova, A.**. Discovery of optical flickering from the symbiotic star EF Aquilae. *Astronomische Nachrichten*, 338, 2017, 680. SJR:0.55, ISI IF:1.322

Lumupa ce e:

579. U. Munari , Symbiotic Stars, chapter in *The Impact of Binary Stars on Stellar Evolution*, edited by Giacomo Beccari, Henri M. J. Boffin, Cambridge University Press, 2019, @2019 **1.000**

253. Carnerero, M. I., Raiteri, C. M., Villata, M., Acosta-Pulido, J. A., Larionov, V. M., Smith, P. S., D'Ammando, F., Agudo, I., Arevalo, M. J., **Bachev, R.**, Barnes, J., **Boeva, S.**, Bozhilov, V., Carosati, D., Casadio, C., Chen, W. P., Damjanovic, G., Eswaraiah, E., Forne, E., Gantchev, G., Gomez, J. L., Gonzalez-Morales, P. A., Grinon-Marin, A. B., Grishina, T. S., Holden, M., **Ibryamov, S.**, Jone, M. D., Jordan, B., Jorstad, S. G., Joshi, M., Kopatskaya, E. N., Koptelova, E., Kurtanidze, O. M., Kurtanidze, S. O., Larionova, E. G., Larionova, L. V., **Latev, G.**, Lazaro, C., Ligustri, R., Lin, H. C., Marscher, A. P., Martinez-Lombilla, C., McBreen, B., **Mihov, B.**, Molina, S. N., Moody, J. W., Morozova, D. A., Nikolashvili, M. G., Nilsson, K., Ovcharov, E., Pace, C., Panwar, N., Pastor Yabar, A., Pearson, R. L., Pinna, F., Protasio, C., Rizzi, N., Redondo-Lorenzo, F. J., Rodriguez-Coira, G., Ros, J. A., Sadun, A. C., Savchenko, S. S., **Semkov, E.**, **Slavcheva-Mihova, L.**, Smith, N., **Strigachev, A.**, Troitskaya, Yu. V., Troitsky, I. S., Vasilyev, A. A., Vince, O.. Dissecting the long-term emission behaviour of the BL Lac object Mrk 421. Monthly Notices of the Royal Astronomical Society, 472, 4, 2017, 3789-3804. ISI IF:4.961

Lumupa ce e:

580. Yuan, Yu-hai, Relations between the Spectral Indices and Flux Densities of Eight Blazars, 2019, Advances in Astronomy, **1.000** Volume 2019, Art. ID 8041087, @2019 [Линк](#)
581. Liu, H., Luo, B., Brandt, W. N., Brotherton, M. S., Du, P., Gallagher, S. C., Hu, C., Shemmer, O., Wang, J.-M., SDSS J075101.42+291419.1: A Super-Eddington Accreting Quasar with Extreme X-ray Variability, 2019, ApJ, 878, art. id. 79, @2019 [Линк](#)
582. Friedman, A. S., Leon, D., Crowley, K. D., Johnson, D., Tepy, G., Tytler, D., Keating, B. G., Cole, G. M., Constraints on Lorentz Invariance and CPT Violation using Optical Photometry and Polarimetry of Active Galaxies BL Lacertae and S5 B0716+714, 2019, Phys. Rev. D, 99, 035045, @2019 [Линк](#)
583. Singh, K. K., Meintjes, P. J., van Soelen, B., Ramamonjisoa, F. A., Vaidya, B., Optical polarization properties of February 2010 outburst of the blazar Mrk 421, 2019, Ap&SS, 364, art. id. 88, @2019 [Линк](#)
584. Hervet, O., Williams, D. A., Falcone, A. D., Kaur, A., Probing an X-Ray Flare Pattern in Mrk 421 Induced by Multiple Stationary Shocks: A Solution to the Bulk Lorentz Factor Crisis, 2019, ApJ, 877, art. id. 26, @2019 [Линк](#)

254. Raiteri, C. M., Villata, M., Acosta-Pulido, J. A., Agudo, I., Arkharov, A. A., **Bachev, R.**, Baida, G. V., Benítez, E., Borman, G. A., Boschin, W., Bozhilov, V., Butuzova, M. S., Calcidese, P., Carnerero, M. I., Carosati, D., Casadio, C., Castro-Segura, N., Chen, W.-P., Damjanovic, G., D'Ammando, F., Di Paola, A., Echevarría, J., Efimova, N. V., Ehgamberdiev, Sh. A., Espinosa, C., Fuentes, A., Giunta, A., Gómez, J. L., Grishina, T. S., Gurwell, M. A., Hiriart, D., Jermak, H., Jordan, B., Jorstad, S. G., Joshi, M., Kopatskaya, E. N., Kuratov, K., Kurtanidze, O. M., Kurtanidze, S. O., Lähteenmäki, A., Larionov, V. M., Larionova, E. G., Larionova, L. V., Lázaro, C., Lin, C. S., Malmrose, M. P., Marscher, A. P., Matsumoto, K., McBreen, B., Michel, R., **Mihov, B.**, Minev, M., Mirzaqulov, D. O., Mokrushina, A. A., Molina, S. N., Moody, J. W., Morozova, D. A., Nazarov, S. V., Nikolashvili, M. G., Ohlert, J. M., Okhmat, D. N., Ovcharov, E., Pinna, F., Polakis, T. A., Protasio, C., Pursimo, T., Redondo-Lorenzo, F. J., Rizzi, N., Rodriguez-Coira, G., Sadakane, K., Sadun, A. C., Samal, M. R., Savchenko, S. S., **Semkov, E.**, Skiff, B. A., **Slavcheva-Mihova, L.**, Smith, P. S., Steele, I. A., **Strigachev, A.**, Tammi, J., Thum, C., Tornikoski, M., Troitskaya, Yu. V., Troitsky, I. S., Vasilyev, A. A., Vince, O.. Blazar spectral variability as explained by a twisted inhomogeneous jet. Nature, 552, 2017, DOI:10.1038/nature24623, 374-377. SJR:18.134, ISI IF:40.137

Lumupa ce e:

585. Ding, N., Gu, Q. S., Geng, X. F., Xiong, D.-R., Xue, R., Wang, X. Y., Guo, X. T., Exploring the origin of multiwavelength activities of high-redshift FSRQ PKS 1502+106 during 2014-2018, 2019, ApJ, 881, art. id. 125, @2019 [Линк](#)
586. Boccardi, B., Migliori, G., Grandi, P., Torresi, E., Mertens, F., Karamanavis, V., Angioni, R., Vignali, C., The TeV-emitting radio galaxy 3C 264. VLBI kinematics and SED modeling, 2019, A&A, 627, A89, @2019 [Линк](#)
587. Lan, M.-X., Xue, R., Xiong, D., Lei, W.-H., Wu, X.-F., Dai, Z.-G., Polarization of Astrophysical Events with Precessing Jets, 2019, ApJ, 878, art. id. 140, @2019 [Линк](#)
588. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S., Wierzcholska, A., The extended flare in CTA 102 in 2016 and 2017 within a hadronic model through cloud ablation by the relativistic jet, 2019, ApJ, 871, art. id. 19, @2019 [Линк](#)
589. Chevalier, J., Sanchez, D. A., Serpico, P. D., Lenain, J.-P., Maurin, G., Variability studies and modeling of the blazar PKS 2155-304 in the light of a decade of multi-wavelength observations, 2019, MNRAS, Volume 484, Issue 1, p.749-759, @2019 [Линк](#)
590. Böttcher, M., Progress in Multi-wavelength and Multi-Messenger Observations of Blazars and Theoretical Challenges, 2019, Galaxies, 7(1), art. id. 20, @2019 [Линк](#)
591. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S. J., Wierzcholska, A., The Long-Lasting Activity in the Flat Spectrum Radio Quasar (FSRQ) CTA-102, 2019, Galaxies, 7, 34, @2019 [Линк](#)
592. Shao, X., Jiang, Y., Chen, X., Curvature-induced Polarization and Spectral Index Behavior for PKS 1502+106, 2019, ApJ, 884, art. id. 15, @2019 [Линк](#)
593. Sarkar, A.; Chitnis, V. R.; Gupta, A. C.; Gaur, H.; Patel, S. R.; Wiita, P. J.; Volvach, A. E.; Tornikoski, M.; Chamani, W.; Enestam, S.; Lähteenmäki, A.; Tammi, J.; Vera, R. J. C.; Volvach, L. N., "Long-term Variability and Correlation Study of the Blazar 3C 454.3 in the Radio, NIR, and Optical Wavebands", The Astrophysical Journal, Volume 887, Issue 2, article id. 185, 14 pp., @2019 [Линк](#)
594. Kalita, N., Sawangwit, U., Gupta, A. C., Wiita, P. J., Signature of stochastic acceleration and cooling processes in an outburst phase of the TeV blazar ON 231, 2019, ApJ, 880, art. id. 18, @2019 [Линк](#)
595. Covino, S., Sandrinelli, A., Treves, A., Gamma-ray quasi-periodicities of blazars. A cautious approach, 2019, MNRAS, 482, 1270, @2019 [Линк](#)

255. Christou, A., **Borisov, G.**, Jacobson, Seth A., Colas, F., dell'Oro, A., Cellino, A., Bagnulo, S.. Population control of Martian Trojans by the Yarkovsky & YORP effects. American Astronomical Society., DPS meeting #49, 2017, id.302.05
- Lumupa ce e:
596. de la Fuente Marcos, C.; de la Fuente Marcos, R., Dancing with Venus in the shadow of the Earth: a pair of genetically related near-Earth asteroids trapped in a mean-motion resonance, MNRAS: Letters, Volume 483, Issue 1, p.L37-L41, @2019 [Линк](#)
256. **Semkov, E. H., Peneva, S. P., Ibryamov, S. I.** Photometric and spectroscopic study of the new FUor star V2493 Cyg. Bulgarian Astronomical Journal, 26, 2017, ISSN:1313-2709, 57-66. SJR:0.15
- Lumupa ce e:
597. Hillenbrand, L. A., Miller, A. A., Carpenter, J. M., Kasliwal, M. M., Isaacson, H., Tang, S., Joshi, V., Banerjee, D. P. K., Cutri, R., PTF 14jg: The Remarkable Outburst and Post-Burst Evolution of a Previously Anonymous Galactic Star, 2019, ApJ, 874, art. id. 82, @2019 [Линк](#)
257. Gupta, A. C., Agarwal, A., Mishra, A., Gaur, H., Wiita, P. J., Gu, M. F., Kurtanidze, O. M., Damjanovic, G., Uemura, M., **Semkov, E., Strigachev, A., Bachev, R.**, Vince, O., Zhang, Z., Villarroel, B., Kushwaha, P., Pandey, A., Abe, T., Chanishvili, R., Chigladze, R. A., Fan, J. H., Hirochi, J., Itoh, R., Kanda, Y., Kawabata, M., Kimeridze, G. N., Kurtanidze, S. O., **Latev, G., Muñoz Dimitrova, R. V.**, Nakaoka, T., Nikolashvili, M. G., Shiki, K., Sigua, L. A., **Spassov, B.** Multiband optical variability of the blazar OJ 287 during its outbursts in 2015 – 2016. Monthly Notices of the Royal Astronomical Society, 465, 4, Oxford Journals, 2017, ISSN:1365-2966, 4423-4433. ISI IF:4.952
- Lumupa ce e:
598. Zeng, W., Hu, W., Zhang, G.-M., Wen, T., Yang, S.-B., Geng, X.-F., Wu, X.-H., Zhou, X.-Z., Dai, B.-Z., Minute-scale Rapid Variability of Mrk 501 by Multi-Band, Photometric Monitoring from 2010 to 2017, 2019, PASP, 131, art. id. 074102, @2019 [Линк](#)
599. Jovanovic, M. D., Optical variability of some quasars important to ICRF-GAIA CRF link, 2019, SAJ, 199, 55-64, @2019 [Линк](#)
258. McLean, W., Stam, D. M., Bagnulo, S., **Borisov, G.**, Devogèle, M., Cellino, A., Rivet, J. P., Bendjoya, P., Vernet, D., Paolini, G., Pollacco, D.. A polarimetric investigation of Jupiter: Disk-resolved imaging polarimetry and spectropolarimetry. Astronomy & Astrophysics, 601, A142, EDP Sciences, 2017, ISSN:0004-6361, DOI:10.1051/0004-6361/201629314, 1-20. ISI IF:5.014
- Lumupa ce e:
600. Wang, Shuang; Qu, Zhong-Quan; Li, Hao, The diurnal variation of polarization characteristics of the Earth treated as an exoplanet, 2019, Research in Astronomy and Astrophysics, Volume 19, Issue 8, article id. 117, @2019 [Линк](#)
259. **Borisov, G.**, Christou, A., Bagnulo, S., Cellino, A., Kwiatkowski, T., Dell'Oro, A.. The olivine-dominated composition of the Eureka family of Mars Trojan asteroids. Monthly Notices of the Royal Astronomical Society, 466, 1, Oxford University Press, 2017, ISSN:1365-2966, DOI:10.1093/mnras/stw3075, 489-495. ISI IF:4.961
- Lumupa ce e:
601. DeMeo, F.E., Polishook, D., Carry, B., Burt, B.J., Hsieh, H.H., Binzel, R.P., Moskovitz, N.A., Burbine, T.H. 2019. Olivine-dominated A-type asteroids in the main belt: Distribution, abundance and relation to families. Icarus 322, 13-30., @2019
602. Lillo-Box, J., and 12 colleagues. 2018. The TROY project. II. Multi-technique constraints on exotrojans in nine planetary systems. Astronomy and Astrophysics 618, A42., @2019
260. Raiteri, C. M., Nicastro, F., Stameria, A., Villata, M., Larionov, V. M., Blinov, D., Acosta-Pulido, J. A., Arevalo, M. J., Arkharov, A. A., **Bachev, R.**, Borman, G. A., Carnerero, M. I., Carosati, D., Cecconi, M., Chen, W.-P., Damjanovic, G., Di Paola, A., Ehgamberdiev, Sh. A., Frasca, A., Giroletti, M., Gonzalez-Morales, P. A., Grinon-Marin, A. B., Grishina, T. S., Huang, P.-C., **Ibryamov, S.**, Klimanov, S. A., Kopatskaya, E. N., Kurtanidze, O. M., Kurtanidze, S. O., Lahteenmaki, A., Larionova, E. G., Larionova, L. V., Lazaro, C., Leto, G., Liodakis, I., Martinez-Lombillam, C., **Mihov, B.**, Mirzaqulov, D. O., Mokrushina, A. A., Moody, J. W., Morozova, D. A., Nazarov, S. V., Nikolashvili, M. G., Ohlert, J. M., Panopoulou, G. V., Pastor Yabar, A., Pinna, F., Protasio, C., Rizzi, N., Sadun, A. C., Savchenko, S. S., **Semkov, E.**, Sigua, L. A., **Slavcheva-Mihova, L., Strigachev, A.**, Tornikoski, M., Troitskaya, Yu. V., Troitsky, I. S., Vasilyev, A. A., Vera, R. J. C., Vince, O., Zanmar Sanchez, R.. Synchrotron emission from the blazar PG 1553+113. An analysis of its flux and polarization variability. Monthly Notices of the Royal Astronomical Society, 466, 3, 2017, 3762-3774. ISI IF:4.952
- Lumupa ce e:
603. Pandey, A., Gupta, A. C., Wiita, P. J., Tiwari, S. N., Optical Flux and Spectral Variability of the TeV blazar PG 1553+113, 2019, ApJ, 871, art. id. 192, @2019 [Линк](#)
604. Righi, C., Tavecchio, F., Pacciani, L., "A multiwavelength view of BL Lacs neutrino candidates", 2019, MNRAS, Volume 484, Issue 2, 1 April 2019, Pages 2067–2077, @2019 [Линк](#)
261. Gupta, A. C., Mangalam, A., Wiita, P. J., Kushwaha, P., Gaur, H., Zhang, H., Gu, M. F., Liao, M., Dewangan, G., Ho, L. C., Mohan, P., Umeura, M., Sasada, M., Volvach, A. E., Agarwal, A., Aller, M. F., Aller, H. D., **Bachev, R.**, Lahteenmaki, A., **Semkov, E., Strigachev, A.**,

Tomikoski, M., Volvach, L. N.. A peculiar multi-wavelength flare in the Blazar 3C 454.3. Monthly Notices of the Royal Astronomical Society, 472, 1, 2017, ISSN:1365-2966, 788-798. ISI IF:4.952

Цитира се в:

605. Fan, J.-H., Yuan, Y.-H., Wu, H., Wang, F., Tao, J., Gu, M.-F., Simultaneous Optical g, r, i Monitoring and IDV Periodic Analysis for the Quasar 3C 454.3, 2019, RAA, 19, art. id. 142, @2019 [Линк](#) 1.000
606. Rajput, B., Stalin, C. S., Sahayanathan, S., Rakshit, S., Mandal, A. K., Temporal correlation between the optical and {gamma}-ray flux variations in the blazar 3C 454.3, 2019, MNRAS, 486, 1781–1795, @2019 [Линк](#) 1.000

262. **Miteva, R.**, Samwel, S. W., Krupar, V.. Solar energetic particles and radio burst emission. Journal of Space Weather and Space Climate, 7, 2017, DOI:10.1051/swsc/2017035, JCR-IF (Web of Science):2.821

Цитира се в:

607. de Nolfo, G. A.; Bruno, A.; Ryan, J. M.; Dalla, S.; Giacalone, J.; Richardson, I. G.; Christian, E. R.; Stochaj, S. J.; Bazilevskaya, G. A.; Boezio, M.; Martucci, M.; Mikhailov, V. V.; Munini, R., Comparing Long-duration Gamma-Ray Flares and High-energy Solar Energetic Particles, The Astrophysical Journal, Volume 879, Issue 2, article id. 90, 17 pp., @2019 [Линк](#) 1.000

263. Kjurkchieva, D. P., Popov, V. A., Vasileva, D. L., **Petrov, N. I.** The newly discovered eclipsing cataclysmic star 2MASS J16211735 + 4412541 and its peculiarity. New Astronomy, Volume 52, 52, ELSEVIER, 2017, ISSN:1384-1076, DOI:10.1016/j.newast.2016.10.001, 8-13. ISI IF:0.938

Цитира се в:

608. Zola, S.; Ogloza, W.; Drozd, M.; Szkody, P.; Debski, B.; Stachowski, G.; Kobak, A.; Krüger, J. "Evolution of 2MASS J16211735+4412541 light curve in the quiescent state". Contributions of the Astronomical Observatory Skalnaté Pleso, vol. 49, no. 2, p. 271-277, 2019., @2019 [Линк](#) 1.000

264. **Zamanov, R.**, Marti, J., García-Hernández, M. T.. Mass of the compact object in the Be/gamma-ray binaries Ixi and MWC 148. Bulgarian Astronomical Journal, 27, 2017, 57-61. SJR:0.15

Цитира се в:

609. Prado, R. R., Hailey, C., Mandel, S., Mori, K.: 2019, ICRS 36, 767 - Combined VERITAS and NuSTAR observations of the gamma-ray binary HESS J0632+057, @2019 1.000

265. Eren, S., Kilcik, A., Atay, T., **Miteva, R.**, Yurchyshyn, V., Rozelot, J. P., Ozguc, A.. Flare-production potential associated with different sunspot groups. Monthly Notices of the Royal Astronomical Society, 465, 1, 2017, DOI:10.1093/mnras/stw2742, 68-75. JCR-IF (Web of Science):5.231

Цитира се в:

610. Oloketuyi, Jacob; Liu, Yu; Zhao, Mingyu, The Periodic and Temporal Behaviors of Solar X-Ray Flares in Solar Cycles 23 and 24, The Astrophysical Journal, Volume 874, Issue 1, article id. 20, 10 pp., @2019 [Линк](#) 1.000
611. Gao, P. X., Association of X-class flares with sunspot groups of various classes in Cycles 22 and 23, Monthly Notices of the Royal Astronomical Society, Volume 484, Issue 4, p.5692-5701, @2019 [Линк](#) 1.000
612. Thirupathaiah, P.; Shah, Siddhi Y.; Haider, S. A., Characteristics of solar X-ray flares and their effects on the ionosphere and human exploration to Mars: MGS radio science observations, Icarus, Volume 330, pp. 60-74, @2019 [Линк](#) 1.000

266. **Kurtenkov, A.**, Tomov, T., Pessev, P.. Spectral confirmation of galactic nova ASASSN-17hx (=ASASSN-17ib). The Astronomer's Telegram, 10527, 2017, 1

Цитира се в:

613. Chochol, D.; Shugarov, S.; Hambálek, L.; Guarro, J.; Krushevska, V. "Optical photometry and spectroscopy of V612 Sct: slow classical nova with rebrightenings". Contributions of the Astronomical Observatory Skalnaté Pleso, 49, 159. 2019, @2019 [Линк](#) 1.000

267. **Bachev, R.**, Popov, V., **Strigachev, A.**, **Semkov, E.**, Ibraymov, S., **Spasov, B.**, **Latev, G.**, **Muñoz Dimitrova, R. V.**, **Boeva, S.** Intra-night variability of the blazar CTA 102 during its 2012 and 2016 giant outbursts. Monthly Notices of the Royal Astronomical Society, 471, 2, 2017, ISSN:1365-2966, 2216-2223. ISI IF:4.961

Цитира се в:

614. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S., Wierzcholska, A., The extended flare in CTA 102 in 2016 and 2017 within a hadronic model through cloud ablation by the relativistic jet, 2019, ApJ, 871, art. id. 19, @2019 [Линк](#) 1.000
615. Zacharias, M., Böttcher, M., Jankowsky, F., Lenain, J.-P., Wagner, S. J., Wierzcholska, A., The Long-Lasting Activity in the Flat Spectrum Radio Quasar (FSRQ) CTA-102, 2019, Galaxies, 7, 34, @2019 [Линк](#) 1.000

268. Kjurkchieva, D. P., Popov, V. A., Ibryamov, S. I., Vasileva, D. L., **Petrov, N. I.**. Observations and light curve solutions of the W UMa binaries V796 Cep, V797 Cep, CSS J015341.9+381641 and NSVS 3853195. *Research in Astronomy and Astrophysics*, Volume 17, Issue 5, article id. 042, 17, 5, IOPScience, 2017, ISSN:1674-4527, DOI:10.1088/1674-4527/17/5/42, SJR:0.682, ISI IF:1.371
- [Lumupa ce e:](#)
616. Michel, R.; Acerbi, F.; Barani, C.; Martignoni, M. "Multicolor Study of V1009 Per, a Close Binary System at the Beginning of the Overcontact Phase, and of CRTS J031642.2+332639, a New Binary System in the Same Field". *Revista Mexicana de Astronomía y Astrofísica* Vol. 55, pp. 65-72, 2019., @2019 [Линк](#) **1.000**
269. **Semkov, E. H., Ibryamov, S. I., Peneva, S. P.**. A deep decrease event in the brightness of the PMS star V350 Cep. *Bulgarian Astronomical Journal*, 27, 2017, ISSN:1313-2709, 75-82. SJR:0.15
- [Lumupa ce e:](#)
617. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóża, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, *AcA*, 69, 227-260, @2019 [Линк](#) **1.000**
618. Hillenbrand, L. A., Reipurth, B., Connelley, M., Cutri, R. M., Isaacson, H., Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion + Reduced Extinction, 2019, *AJ*, 158, art. id. 240, @2019 [Линк](#) **1.000**
270. **Zhekov, S.A.**. X-rays from young clusters reveal binarity of massive stars. *Memorie della Societa Astronomica Italiana*, 88, 4, 2017, 852
- [Lumupa ce e:](#)
619. Townsley, Leisa K.; Broos, Patrick S.; Garmire, Gordon P.; Povich, Matthew S., "The Massive Star-forming Regions Omnibus X-ray Catalog, Third Installment", *The Astrophysical Journal Supplement Series*, 244, Issue 2, article id. 28, @2019 [Линк](#) **1.000**
271. Kjurkchieva, D. P., **Dimitrov, D. P., Petrov, N. I.**. Photometry of WD 1145+017 in Early 2017. *Publications of the Astronomical Society of Australia*, 34, id.e032, CUP, 2017, ISSN:1323-3580, DOI:10.1017/pasa.2017.28, 32-38. SJR:1.237, ISI IF:4.63
- [Lumupa ce e:](#)
620. Perryman, Michael, "The Exoplanet Handbook", *The Exoplanet Handbook* by Michael Perryman, Cambridge University Press; Second Edition, 952 p., ISBN: 9781108419772, @2019 **1.000**
621. Veras, Dimitri; Efroimsky, Michael; Makarov, Valeri V.; Boué, Gwenaël; Wolthoff, Vera; Reffert, Sabine; Quirrenbach, Andreas; Tremblay, Pier-Emmanuel; Gänsicke, Boris T. "Orbital relaxation and excitation of planets tidally interacting with white dwarfs". , *Monthly Notices of the Royal Astronomical Society*, Volume 486, Issue 3, p.3831-3848, (2019)., @2019 [Линк](#) **1.000**
272. Ramírez-Agudelo, O. H., Sana, H., de Koter, A., Tramper, F., Grin, N. J., Schneider, F. R. N., Langer, N., Puls, J., **Markova, N.**, Bestenlehner, J. M., Castro, N., Crowther, P. A., Evans, C. J., García, M., Gräfener, G., Herrero, A., van Kempen, B., Lennon, D. J., Maíz Apellániz, J., Najarro, F., Sabin-Sanjulián, C., Simón-Díaz, S., Taylor, W. D., Vink, J. S.. The VLT-FLAMES Tarantula Survey . XXIV. Stellar properties of the O-type giants and supergiants in 30 Doradus. *Astronomy & Astrophysics*, 600, 2017, DOI:10.1051/0004-6361/201628914, 81. SJR:2.246, ISI IF:5.014
- [Lumupa ce e:](#)
622. Belczynski, K.; Hirschi, R.; Kaiser, E. A.; Liu, Jifeng; Casares, J.; Lu, Youjun; O'Shaughnessy, R.; Heger, A.; Justham, S.; Soria, R. The Formation of a 70 Msun Black Hole at High Metallicity, 2019, *ApJ eprint arXiv:1911.12357*, @2019 **0.083**
623. Chrimes, A. A.; Stanway, E. R.; Eldridge, J. J. "Binary population synthesis models for core-collapse gamma-ray burst progenitors" 2019, *Monthly Notices of the Royal Astronomical Society*, Advance Access tmp 2830C, @2019 **0.083**
624. Mapelli, Michela; Spera, Mario; Montanari, Enrico; Limongi, Marco; Chieffi, Alessandro; Giacobbo, Nicola; Bressan, Alessandro; Bouffanais, Yann "Impact of progenitor's rotation and compactness on the mass of black holes", 2019, *ApJ eprint arXiv:1909.01371*, @2019 **0.083**
625. Marassi, S.; Schneider, R.; Limongi, M.; Chieffi, A.; Graziani, L.; Bianchi, S Supernova dust yields: the role of metallicity, rotation, and fallback *Monthly Notices of the Royal Astronomical Society*, Volume 484, Issue 2, p.2587-2604, @2019 **0.083**
626. Ramachandran, V.; Hamann, W. -R.; Oskinova, L. M.; Gallagher, J. S.; Hainich, R.; Shenar, T.; Sander, A. A. C.; Todt, H.; Fulmer, L. Testing massive star evolution, star formation history, and feedback at low metallicity. *Spectroscopic analysis of OB stars in the SMC Wing Astronomy & Astrophysics*, Volume 625, id.A104, 20 pp., @2019 **0.083**
627. Zinchenko, I. A.; Dors, O. L.; Hägele, G. F.; Cardaci, M. V.; Krabbe, A. C. Effective temperature of ionizing stars in extragalactic H II regions - II. Nebular parameter relationships based on CALIFA data *Monthly Notices of the Royal Astronomical Society*, Volume 483, Issue 2, p.1901-1911, @2019 **0.083**
273. Grin, N. J., Ramírez-Agudelo, O. H., de Koter, A., Sana, H., Puls, J., Brott, I., Crowther, P. A., Dufton, P. L., Evans, C. J., Gräfener, G., Herrero, A., Langer, N., Lennon, D. J., van Loon, J. Th., **Markova, N.**, de Mink, S. E., Najarro, F., Schneider, F. R. N., Taylor, W. D., Tramper, F., Vink, J. S., Walborn, N. R.. The VLT-FLAMES Tarantula Survey. XXV. Surface nitrogen abundances of O-type giants and supergiants. *Astronomy & Astrophysics*, 600, 2017, DOI:10.1051/0004-6361/201629225, 82. SJR:2.246, ISI IF:5.014
- [Lumupa ce e:](#)

628. Keszthelyi, Z.; Meynet, G.; Georgy, C.; Wade, G. A.; Petit, V.; David-Uraz, A. The effects of surface fossil magnetic fields on massive star evolution: I. Magnetic field evolution, mass-loss quenching, and magnetic braking", 2019 Monthly Notices of the Royal Astronomical Society, Volume 485, Issue 4, p.5843-5860, @2019 **0.091**
274. Charbonnel, C., Decressin, T., Lagarde, N., Gallet, F., Palacios, A., Aurière, M., **Konstantinova-Antova, R.**, Mathis, S., Anderson, R. I., Dintrans, B.. The magnetic strip(s) in the advanced phases of stellar evolution. Theoretical convective turnover timescale and Rossby number for low- and intermediate-mass stars up to the AGB at various metallicities. *Astronomy & Astrophysics*, 605, EDP Sciences, 2017, 102-113. ISI IF:5.185
- Lumupa ce s:
629. Schröder, K. -P.; Mittag, M.; Jack, D.; Rodríguez Jiménez, A.; Schmitt, J. H. M. M. Magnetic activity and evolution of the four Hyades K giants, *MNRAS*, tmp3183, @2019 **1.000**
630. Bódi, A. and Kiss, L. L. Physical Properties of Galactic RV Tauri Stars from Gaia DR2 Data, *ApJ*, 872, 60, @2019 **1.000**
275. Metodieva, Y., Kuznetsov, A., **Antonova, A.**, Doyle, J. G., Ramsay, G., Wu, K.. Modelling the environment around five ultracool dwarfs via the radio domain. *Monthly Notices of the Royal Astronomical Society*, 465, 2, 2017, DOI:10.1093/mnras/stw2597, 1995-2009. SJR:2.372, ISI IF:4.893
- Lumupa ce s:
631. Persson, Carina M.; Csizmadia, Szilárd; Mustill, Alexander J.; Fridlund, Malcolm; Hatzes, Artie P.; Nowak, Grzegorz; Georgieva, Iskra; Gandolfi, Davide; Davies, Melvyn B.; Livingston, John H.; Palle, Enric; Montañes Rodríguez, Pilar; Endl, Michael; Hirano, Teruyuki; Prieto-Arranz, Jorge; Korth, Judith; Grziwa, Sascha; Esposito, Massimiliano; Albrecht, Simon; Johnson, Marshall C.; et al., Greening of the brown-dwarf desert - EPIC 212036875b: a 51 MJ object in a 5-day orbit around an F7 V star, 2019, *A&A* 628 A64, @2019 **1.000**
276. Sandrinelli, A., Covino, S., Treves, A., Lindfors, E., Raiteri, C. M., Nilsson, K., Takalo, L. O., Reinthal, R., Berdyugin, A., Fallah Ramazani, V., Kadenius, V., Tuominen, T., Kehusmaa, P., **Bachev, R., Strigachev, A.** Gamma-ray and Optical Oscillations of 0716+714, Mrk 421, and BL Lac. *Astronomy and Astrophysics*, 600, 2017, A132. ISI IF:5.185
- Lumupa ce s:
632. Ryan, J. L.; Siemiginowska, A.; Sobolewska, M. A.; Grindlay, J.; "Characteristic Variability Timescales in the Gamma-Ray Power Spectra of Blazars", 2019, *ApJ*, 885, 12, @2019 **1.000**
633. Bhatta, G., "Blazar Mrk 501 shows rhythmic oscillations in its γ -ray emission", 2019, *MNRAS*, 487, 3990, @2019 **1.000**
634. Chevalier, J.; Sanchez, D. A.; Serpico, P. D.; Lenain, J. -P.; Maurin, G.; "Variability studies and modelling of the blazar PKS 2155-304 in the light of a decade of multi-wavelength observations", 2019, *MNRAS*, 484, 749, @2019 **1.000**
635. Rieger, Frank; "Gamma-Ray Astrophysics in the Time Domain", 2019, *Galaxies*, 7, 28, @2019 **1.000**
277. **Dimitrov, Dinko P.**, Kjurkchieva, Diana P., **Iliev, Ilian Kh.** Simultaneous solutions of Kepler light curves and radial velocity curves of seven heartbeat variables. *Monthly Notices of the Royal Astronomical Society*, 469, 2, Oxford University Press, 2017, ISSN:0035-8711, DOI:10.1093/mnras/stx745, 2089-2101. ISI IF:5.194
- Lumupa ce s:
636. Gaulme, P., Guzik, J. A., "Systematic search for stellar pulsators in the eclipsing binaries observed by Kepler", 2019, *A&A*, 630A, 106G, @2019 [Линк](#) **1.000**

2018

278. Schneider, F. R. N., Sana, H., Evans, C. J., Bestenlehner, J. M., Castro, N., Fossati, L., Gräfener, G., Langer, N., Ramírez-Agudelo, O. H., Sabin-Sanjulián, C., Simón-Díaz, S., Tramper, F., Crowther, P. A., de Koter, A., de Mink, S. E., Dufton, P. L., Garcia, M., Gieles, M., Hénault-Brunet, V., Herrero, A., Izzard, R. G., Kalari, V., Lennon, D. J., Maíz Apellániz, J., **Markova, N.**, Najarro, F., Podsiadlowski, Ph., Puls, J., Taylor, W. D., van Loon, J. Th., Vink, J. S., Norman, C.. "An excess of massive stars in the local 30 Doradus starburst". *Science*, 359, 2018, 69-71. SJR (Scopus):13.535, JCR-IF (Web of Science):37.205
- Lumupa ce s:
637. Haghi, Hosein; Amiri, Vahid; Hasani Zonoozi, Akram; Banik, Indranil; Kroupa, Pavel; Haslbauer, Moritz "The Star Formation History and Dynamics of the Ultra-diffuse Galaxy Dragonfly 44 in MOND and MOG ", 2019, *The Astrophysical Journal Letters*, Volume 884, Issue 1, 25 (2019)., @2019 **0.063**
638. Rujopakarn, W.; Daddi, E.; Rieke, G. H.; Puglisi, A.; Schramm, M.; Pérez-González, P. G.; Magdis, G. E.; Alberts, S.; Bournaud, F.; Elbaz, D.; Franco, M.; Kawinwanichakij, L.; Kohno, K.; Narayanan, D.; Silverman, J. D.; Wang, T.; Williams, C. C. "ALMA 200 pc Resolution Imaging of Smooth Cold Dusty Disks in Typical $z \sim 3$ Star-forming Galaxies " 2019, *The Astrophysical Journal*, Volume 882, Issue 2, article id. 107, @2019 **0.063**

639. Stevenson, Simon; Sampson, Matthew; Powell, Jade; Vigna-Gómez, Alejandro; Neijssel, Coenraad J.; Szécsi, Dorottya; Mandel, Ilya "The Impact of Pair-instability Mass Loss on the Binary Black Hole Mass Distribution ", 2019, *The Astrophysical Journal*, Volume 882, Issue 2, article id. 121, @2019 0.063
640. Cowley, William I.; Lacey, Cedric G.; Baugh, Carlton M.; Cole, Shaun; Frenk, Carlos S.; Lagos, Claudia del P. "The evolution of the UV-to-mm extragalactic background light: evidence for a top-heavy initial mass function? ", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 487, Issue 3, p.3082-3101, @2019 0.063
641. Giersz, M.; Askar, A.; Wang, L.; Hypki, A.; Leveque, A.; Spurzem, R. "MOCCA survey data base- I. Dissolution of tidally filling star clusters harbouring black hole subsystems ", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 487, Issue 2, p.2412-2423, @2019 0.063
642. Arabalmani, M.; Roychowdhury, S.; Starkenburg, T. K.; Christensen, L.; Le Floch, E.; Kanekar, N.; Bournaud, F.; Zwaan, M. A.; Fynbo, J. P. U.; Møller, P.; Pian, E. "The host galaxy of GRB 980425/SN1998bw: a collisional ring galaxy ", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 4, p.5411-5422, @2019 0.063
643. De Marchi, Guido; Panagia, Nino "Ultraviolet Extinction Properties of the 30 Dor Nebula and Interpreting Observations of Starburst Clusters", 2019, *The Astrophysical Journal*, Volume 878, Issue 1, article id. 31, 10 pp., @2019 0.063
644. Hosek, Matthew; Lu, Jessica R.; Andersen, Morten; Do, Tuan; Kim, Dongwon; Rui, Nicholas Z.; Boyle, Peter; Williams, Benjamin F.; Chakrabarti, Sukanya; Beaton, Rachael L. "Star Formation in Different Environments: The Initial Mass Function ", 2019, *Astro2020: Decadal Survey on Astronomy and Astrophysics*, science white papers, no. 439; *Bulletin of the American Astronomical Society*, Vol. 51, Issue 3, id. 439 (2019), @2019 0.063
645. Diego, J. M. "The Universe at extreme magnification ", 2019, *Astronomy & Astrophysics*, Volume 625, id.A84, 19 pp., @2019 0.063
646. Ramachandran, V.; Hamann, W. -R.; Oskinova, L. M.; Gallagher, J. S.; Hainich, R.; Shenar, T.; Sander, A. A. C.; Todt, H.; Fulmer, L. "Testing massive star evolution, star formation history, and feedback at low metallicity. Spectroscopic analysis of OB stars in the SMC Wing ", 2019, *Astronomy & Astrophysics*, Volume 625, id.A104, 20 pp., @2019 0.063
647. D'Aloisio, Anson; McQuinn, Matthew; Maupin, Oliver; Davies, Frederick B.; Trac, Hy; Fuller, Spencer; Upton Sanderbeck, Phoebe R "Heating of the Intergalactic Medium by Hydrogen Reionization", 2019, *The Astrophysical Journal*, Volume 874, Issue 2, article id. 154, 17 pp. (2019), @2019 0.063
648. Kee, Nathaniel Dylan; Kuiper, Rolf "Line-driven ablation of circumstellar discs: IV. The role of disc ablation in massive star formation and its contribution to the stellar upper mass limit ", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 483, Issue 4, p. 4893-4900, @2019 0.063
649. Zonoozi, Akram Hasani; Mahani, Hamidreza; Kroupa, Pavel "Was the Milky Way a chain galaxy? Using the IGIMF theory to constrain the thin-disc star formation history and mass ", 2019 *Monthly Notices of the Royal Astronomical Society*, Volume 483, Issue 1, p.46-56, @2019 0.063
650. Pedersen, May G.; Chowdhury, Sowgata; Johnston, Cole; Bowman, Dominic M.; Aerts, Conny; Handler, Gerald; De Cat, Peter; Neiner, Coralie; David-Uraz, Alexandre; Buzasi, Derek; Tkachenko, Andrew; Simón-Díaz, Sergio; Moravveji, Ehsan; Sikora, James; Mirouh, Giovanni M.; Lovekin, Catherine C.; Cantiello, Matteo; Daszyńska-Daszkiewicz, Jadwiga; Pigulski, Andrzej; Vanderspek, Roland K.; Ricker, George R. "Diverse Variability of O and B Stars Revealed from 2-minute Cadence Light Curves in Sectors 1 and 2 of the TESS Mission: Selection of an Asteroseismic Sample ", 2019, *The Astrophysical Journal Letters*, Volume 872, Issue 1, article id. L9, 11 pp, @2019 0.063
651. Tsuge, Kisetu; Sano, Hidetoshi; Tachihara, Kengo; Yozin, Cameron; Bekki, Kenji; Inoue, Tsuyoshi; Mizuno, Norikazu; Kawamura, Akiko; Onishi, Toshikazu; Fukui, Yasuo "Formation of the Active Star-forming Region LHA 120-N 44 Triggered by Tidally Driven Colliding HI Flows ", 2019, *The Astrophysical Journal*, Volume 871, Issue 1, article id. 44, @2019 0.063
652. Stanway, E. R.; Eldridge, J. J. "Initial mass function variations cannot explain the ionizing spectrum of low metallicity starbursts ", 2019 *Astronomy & Astrophysics*, Volume 621, id.A105, 13 pp., @2019 0.063
653. Hainich, R.; Ramachandran, V.; Shenar, T.; Sander, A. A. C.; Todt, H.; Gruner, D.; Oskinova, L. M.; Hamann, W. -R "PoWR grids of non-LTE model atmospheres for OB-type stars of various metallicities", 2019, *Astronomy & Astrophysics*, Volume 621, id.A85, 12 pp., @2019 0.063
654. Szécsi, Dorottya; Wünsch, Richard "Role of Supergiants in the Formation of Globular Clusters ", 2019, *The Astrophysical Journal*, Volume 871, Issue 1, article id. 20, 17 pp., @2019 0.063
655. Leboutteiller, V.; Cormier, D.; Madden, S. C.; Galametz, M.; Hony, S.; Galliano, F.; Chevance, M.; Lee, M. -Y.; Braine, J.; Polles, F. L.; Requeña-Torres, M. A.; Indebetouw, R.; Hughes, A.; Abel, N. Physical conditions in the gas phases of the giant H II region LMC-N 11. II. Origin of [C II] and fraction of CO-dark gas", 2019, *A&A*, 632, 106, @2019 0.063
656. Cignoni, M.; Sacchi, E.; Tosi, M.; Aloisi, A.; Cook, D. O.; Calzetti, D.; Lee, J. C.; Sabbi, E.; Thilker, D. A.; Adamo, A.; Dale, D. A.; Elmegreen, B. G.; Gallagher, J. S., III; Grebel, E. K.; Johnson, K. E.; Messa, M.; Smith, L. J.; Ubeda, L. "Star Formation Histories of the LEGUS Dwarf Galaxies. III. The Nonbursty Nature of 23 Star-forming Dwarf Galaxies", 2019, *the ApJ*, Volume 887, Issue 2, article id. 112, @2019 0.063
657. Indebetouw, Remy; Wong, Tony; Chen, C. -H. Rosie; Kepley, Amanda; Leboutteiller, Vianney; Madden, Suzanne; Oliveira, Joana M. "Structural and Dynamical Analysis of 0.1pc Cores and Filaments in the 30~Doradus-10 Giant Molecular Cloud", 2019, eprint arXiv:1912.11515, @2019 0.063
658. Romano, Donatella; Matteucci, Francesca; Zhang, Zhi-Yu; Ivison, Rob J.; Ventura, Paolo "The evolution of CNO isotopes: the impact of massive stellar rotators 2019, *MNRAS* Volume 490, Issue 2, p.2838-2854, @2019 0.063

659. Wiktorowicz, Grzegorz; Wyrzykowski, Łukasz; Chruslinska, Martyna; Klencki, Jakub; Rybicki, Krzysztof A.; Belczynski, Krzysztof "Populations of Stellar-mass Black Holes from Binary Systems ", 2019, The Astrophysical Journal, Volume 885, Issue 1, 1., @2019 0.063
660. Sravan, Niharika; Marchant, Pablo; Kalogera, Vassiliki "Progenitors of Type IIb Supernovae. I. Evolutionary Pathways and Rates ", 2019, ApJ Volume 885, Issue 2, 130., @2019 0.063
661. Jaskot, Anne E.; Dowd, Tara; Oey, M. S.; Scarlata, Claudia; McKinney, Jed New Insights on Ly α and Lyman Continuum Radiative Transfer in the Greenest Peas" The Astrophysical Journal, Volume 885, Issue 1, 96, (2019)., @2019 0.063
279. **Tsvetkov, Ts.**, Miteva, R., **Petrov, N.**. On the relationship between filaments and solar energetic particles. Journal of Atmospheric and Solar-Terrestrial Physics, Volume 179, ELSEVIER, 2018, ISSN:1364-6826, DOI:10.1016/j.jastp.2018.06.005, 1-10. SJR (Scopus):0.696, JCR-IF (Web of Science):1.492
- Lumupa ce e:
662. N.O. Muratova, A.A. Muratov, L.K. Kashapova. "RESULTS OF WORK OF NEW SPECTROPOLARIMETER FOR SOLAR RADIO EMISSION OBSERVATIONS IN THE RANGE 50–500 MHz". Solar-Terrestrial Physics. 2019. Vol. 5. Iss. 3. P. 3–9, 2019, @2019 [Линк](#) 1.000
280. **Borisov, G.**, Devogèle, M, Cellino, A, Bagnulo, S, Christou, A., Bendjoya, Ph, Rivet, J.-P., Abe, L., Vernet, D., **Donchev, Z.**, Krugly, Yu, Belskaya, I., **Bonev, T.**, Steeghs, D., Galloway, D., Dhillon, V., O'Brien, P., Pollacco, D., Poshyachinda, S., Ramsay, G., Thrane, E., Ackley, K., Rol, E., Ulaczyk, K., Cutter, R., Dyer, M. A. Rotational variation of the linear polarization of the asteroid (3200) Phaethon as evidence for inhomogeneity in its surface properties. Monthly Notices of the Royal Astronomical Society: Letters, 480, 2018, 131-135. SJR:2.372, ISI IF:5.194
- Lumupa ce e:
663. Springmann, A., Lauretta, D.S., Klaue, B., Goreva, Y.S., Blum, J.D., Andronikov, A., Steckloff, J.K., "Thermal alteration of labile elements in carbonaceous chondrites.", Icarus 324, 104-119, 2019, @2019 1.000
664. Ryabova, G.O., Avdyushev, V.A., Williams, I.P., "Asteroid (3200) Phaethon and the Geminid meteoroid stream complex.", Monthly Notices of the Royal Astronomical Society 485, 3378-3385, 2019, @2019 1.000
281. Schneider, Fabian R., Sana, H., Evans, C, Evans, C, Bestenlehner, J, Castro, N, Fossati, L, Gräfener, G, **Markova, N**, Langer, N, Ramírez-Agudelo, O, Sabín-Sanjulián, C, Simón-Díaz, S, Trammer, F, Crowther, P, de Koter, A, de Mink, S, Dufton, P, García, M, Gieles, M, Hénault-Brunet, V, Herrero, A, Izzard, R, Kalari, V, Lennon, D, Maíz Apellániz, J, Najarro, F, Podsiadlowski, P, Puls, J, Taylor, W, van Loon, J, Vink, J, Norman, C. Response to Comment on "An excess of massive stars in the local 30 Doradus starburst". Science, 361, 6400, 2018, DOI:10.1126/science.aat7032, 7032. SJR (Scopus):13.251
- Lumupa ce e:
665. Cowley, William I.; Lacey, Cedric G.; Baugh, Carlton M.; Cole, Shaun; Frenk, Carlos S.; Lagos, Claudia del P. "The evolution of the UV-to-mm extragalactic background light: evidence for a top-heavy initial mass function? ", 2019, Monthly Notices of the Royal Astronomical Society, Volume 487, Issue 3, p.3082-3101, @2019 1.000
666. Szécsi, Dorottya; Wünsch, Richard Role of Supergiants in the Formation of Globular Clusters, 2019, The Astrophysical Journal, Volume 871, Issue 1, article id. 20, 17 pp., @2019 1.000
667. Zhang, Guo-Yin; Xu, Jin-Long; Vasyunin, A. I.; Semenov, D. A.; Wang, Jun-Jie; Dib, Sami; Liu, Tie; Liu, Sheng-Yuan; Zhang, Chuan-Peng; Liu, Xiao-Lan; Wang, Ke; Li, Di; Wu, Zhong-Zu; Yuan, Jing-Hua; Li, Da-Lei; Gao, Yang "Physical properties and chemical composition of the cores in the California molecular cloud ", 2019, Astronomy & Astrophysics, Volume 620, id.A163, 22 pp., @2019 1.000
282. Devogèle, M., Tanga, P., Cellino, A., Bendjoya, Ph., Rivet, J.-P., Surdej, J., Vernet, D., Sunshine, J. M., Bus, S. J., Abe, L., Bagnulo, S., **Borisov, G.**, Campins, H., Carry, B., Licandro, J., McLean, W., Pinilla-Alonso, N.. New polarimetric and spectroscopic evidence of anomalous enrichment in spinel-bearing Calcium-Aluminium-rich Inclusions among L-type asteroids. Icarus, 304, Elsevier Inc., 2018, DOI:10.1016/j.icarus.2017.12.026, 31-57. ISI IF:3.131
- Lumupa ce e:
668. Popescu, M., and 17 colleagues. 2019. Near-Earth asteroids spectroscopic survey at Isaac Newton Telescope. Astronomy and Astrophysics 627, A124., @2019 1.000
669. Cellino, A., Bagnulo, S., Tanga, P., Devogele, M., Bendjoya, P., Reilly, E., Rivet, J.-P., Spoto, F. 2019. Brangane: a new family of Barbarian asteroids. Monthly Notices of the Royal Astronomical Society 485, 570-576., @2019 1.000
670. Binzel, R.P., and 22 colleagues. 2019. Compositional distributions and evolutionary processes for the near-Earth object population: Results from the MIT-Hawaii Near-Earth Object Spectroscopic Survey (MITHNEOS). Icarus 324, 41-76., @2019 1.000
671. Frattin, E., and 14 colleagues. 2019. Experimental phase function and degree of linear polarization of cometary dust analogues. Monthly Notices of the Royal Astronomical Society 484, 2198-2211., @2019 1.000
283. Pravec, P., Fatka, P., Vokrouhlický, D., Scheeres, D.J., Kušnirák, P., Hornoch, K., Galád, A., Vraštil, J., Pray, D.P., Krugly, Yu.N., Gaftonyuk, N.M., Inasaridze, R.Ya., Ayvazian, V.R., Kvaratskhelia, O.I., Zhuzhunadze, V.T., Husárik, M., Cooney, W.R., Gross, J., Terrell, D., Világi, J.,

Kornoš, L., Gajdoš, Š., Burkhonov, O., Ehgamberdiev, Sh.A., **Donchev, Z., Borisov, G., Bonev, T.**, Rumyantsev, V.V., Molotov, I.E.. Asteroid clusters similar to asteroid pairs. *Icarus*, 304, Elsevier Inc., 2018, DOI:10.1016/j.icarus.2017.08.008, 110-126. ISI IF:2.981

Lumupa ce e:

672. Carruba, V., Aljbaae, S., Lucchini, A. 2019. Machine-learning identification of asteroid groups. *Monthly Notices of the Royal Astronomical Society* 488, 1377-1386., @2019 1.000
673. Novakovic, B., Radovic, V. 2019. Discovery of Four Young Asteroid Families. *Research Notes of the American Astronomical Society* 3, 105., @2019 1.000
674. Carruba, V. 2019. On the age of the Beagle secondary asteroid family. *Planetary and Space Science* 166, 90-100., @2019 1.000
675. de la Fuente Marcos, C., de la Fuente Marcos, R. 2019. Dancing with Venus in the shadow of the Earth: a pair of genetically related near-Earth asteroids trapped in a mean-motion resonance. *Monthly Notices of the Royal Astronomical Society* 483, L37-L41., @2019 1.000
676. Tsirvoulis, G. 2019. Discovery of a young subfamily of the (221) Eos asteroid family. *Monthly Notices of the Royal Astronomical Society* 482, 2612-2618., @2019 1.000

284. Kjurkchieva, D. P., **Dimitrov, D. P.**, Ibryamov, S. I., Vasileva, D. L.. Observations and Light Curve Solutions of Ultrashort-Period Eclipsing Binaries. *Publications of the Astronomical Society of Australia*, 35, id.e008, CUP, 2018, ISSN:1323-3580, DOI:10.1017/pasa.2017.68, 8-17. ISI IF:4.63

Lumupa ce e:

677. Li, Kai; Xia, Qi-Qi; Michel, Raul; Hu, Shao-Ming; Guo, Di-Fu; Gao, Xing; Chen, Xu; Gao, Dong-Yang, "Contact binaries at the short period cut-off - I. Statistics and the first photometric investigations of 10 totally eclipsing systems", *Monthly Notices of the Royal Astronomical Society*, Volume 485, Issue 4, p.4588-4600, (2019), @2019 [Линк](#) 1.000

285. **Dimitrov, D. P.**, Kjurkchieva, D. P., Ivanov, E. I.. A Study of the H α Variability of Be Stars. *The Astronomical Journal*, 156, 2, IOP, 2018, ISSN:1538-3881, DOI:10.3847/1538-3881/aacbd8, 61-77. JCR-IF (Web of Science):5.497

Lumupa ce e:

678. Schill, Claudio, "Finding H α emission line source candidates in large photometric surveys.", Master of Science Thesis, University of Canterbury, 2019, @2019 [Линк](#) 1.000

286. Goyal, A., Stawarz, Ł., Zola, S., ..., **Dimitrov, D.**, et al., Stochastic Modeling of Multiwavelength Variability of the Classical BL Lac Object OJ 287 on Timescales Ranging from Decades to Hours. *The Astrophysical Journal*, 863, 2, IOP, 2018, ISSN:1538-4357, DOI:10.3847/1538-4357/aad2de, 175-195. ISI IF:5.551

Lumupa ce e:

679. Mukherjee, S., Mitra, K., Chatterjee, R., "The accretion disc-jet connection in blazars", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 486, Issue 2, p.1672-1680, @2019 [Линк](#) 0.018
680. Ojha, V., Krishna, G., Chand, H., "Intra-night optical monitoring of three γ -ray detected narrow-line Seyfert 1 galaxies", *Monthly Notices of the Royal Astronomical Society*, Volume 483, Issue 3, p.3036-3047 (2019), @2019 [Линк](#) 0.018
681. Thiersen, H., Zacharias, M., Böttcher, M., "Characterising the Long-Term Variability of Blazars in Leptonic Models", *Galaxies*, vol. 7, issue 1, p. 35, (2019), @2019 [Линк](#) 0.018
682. Rieger, Frank, "Gamma-Ray Astrophysics in the Time Domain", *Galaxies*, vol. 7, issue 1, p. 28, (2019), @2019 [Линк](#) 0.018
683. Martin, J. R., Reichart, D. E., Dutton, D. A., Maples, M. P., Berger, T. A., Ghigo, F. D., Haislip, J. B., Shaban, O. H., Trotter, A. S., Barnes, L. M., et al., "SkyNet Algorithm for Single-dish Radio Mapping. I. Contaminant-cleaning, Mapping, and Photometry of Small-scale Structures", *The Astrophysical Journal Supplement Series*, Volume 240, Issue 1, article id. 12, 50 pp. (2019), @2019 [Линк](#) 0.018
684. Vineet O., Gopal K., Hum C., "Intra-night optical monitoring of three γ -ray detected narrow-line Seyfert 1 galaxies", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 483, Issue 3, Pages 3036–3047, @2019 [Линк](#) 0.018
685. Covino S., Sandrinelli A., Treves A., "Gamma-ray quasi-periodicities of blazars. A cautious approach", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 482, Issue 1, p.1270-1274, @2019 [Линк](#) 0.018
686. Guzmán, A. E., Verdugo, C., Nagai, H., Contreras, Y., Marinello, G., Kneissl, R., Nakanishi, K., Ueda, J., "Stochastic Modeling of the Time Variability of ALMA Calibrators", 2019, *Publications of the Astronomical Society of the Pacific*, Volume 131, Issue 1003, pp. 094504, @2019 [Линк](#) 0.018

287. **Miteva, R.** Solar radio bursts: Implications to the origin of in situ particles. *Sun and Geosphere*, 13, 2, 2018, DOI:10.31401/SunGeo.2018.02.04, 145-151

Lumupa ce e:

687. Ameri, Dheyaa; Valtonen, Eino; Pohjolainen, Silja, Properties of High-Energy Solar Particle Events Associated with Solar Radio Emissions, *Solar Physics*, Volume 294, Issue 9, article id. 122, 33 pp., @2019 [Линк](#) 1.000

288. Miteva, R., Samwel, S. W., Costa-Duarte, M. V.. The Wind/EPACT Proton Event Catalog (1996 - 2016). Solar Physics, 293, 2, 2018, DOI:10.1007/s11207-018-1241-5, JCR-IF (Web of Science):2.405

Lumupa ce e:

688. Núñez, Marlon; Nieves-Chinchilla, Teresa; Pulkkinen, Antti, Predicting well-connected SEP events from observations of solar EUVs and energetic protons, Journal of Space Weather and Space Climate, Volume 9, id.A27, 18 pp., @2019 [Линк](#) 1.000

289. Zamanov, R. K., Boeva, S., Latev, G. Y., Marti, J., Boneva, D., Spassov, B., Nikolov, Y., Bode, M. F., Tsvetkova, S. V., Stoyanov, K. A.. The recurrent nova RS Oph: simultaneous B- and V- band observations of the flickering variability. Monthly Notices of the Royal Astronomical Society, 480, 2018, 1363-1371. SJR:2.346, ISI IF:5.194

Lumupa ce e:

689. Ikkiewicz, K., Mikołajewska, J., Miszalski, B., Gromadzki, M., Monard, B., Amigo, P., LMC S154: the first Magellanic symbiotic recurrent nova, 2019, A&A, 624, A133, @2019 [Линк](#) 1.000

290. Ibryamov, S., Semkov, E., Milanov, T., Peneva, S.. Long-term BVRI photometric light curves of 15 PMS stars in the IC 5070 star-forming region. Research in Astronomy and Astrophysics, 18, 11, 2018, 137. ISI IF:1.227

Lumupa ce e:

690. Siwak, M., Drózdź, M., Gut, K., Winiarski, M., Ogłóża, W., Stachowski, G. Mount Suhora High Cadence Photometric Survey of T Tauri-Type Stars, 2019, AcA, 69, 227-260, @2019 [Линк](#) 1.000

291. Bose, Subhash, Dong, Subo, Pastorello, A., Filippenko, Alexei V., Kochanek, C. S., Mauerhan, Jon, Romero-Canizales, C., Brink, Thomas, Chen, Ping, Prieto, J. L., Post, R., Ashall, Christopher, Grupe, Dirk, Tomasella, L., Benetti, Stefano, Shappee, B. J., Stanek, K. Z., Cai, Zheng, Falco, E., Lundqvist, Peter, Mattila, Seppo, Mutel, Robert, Ochner, Paolo, Pooley, David, Stritzinger, M. D., Villanueva, S., Jr., Zheng, WeiKang, Beswick, R. J., Brown, Peter J., Cappellaro, E., Davis, Scott, Fraser, Morgan, de Jaeger, Thomas, Elias-Rosa, N., Gall, C., Gaudi, B. Scott, Herczeg, Gregory J., Hestenes, Julia, Holoien, T. W.-S., Hosseinzadeh, Griffin, Hsiao, E. Y., Hu, Shaoming, Jaejin, Shin, Jeffers, Ben, Koff, R. A., Kumar, Sahana, Kurtenkov, Alexander, Lau, Marie Wingyee, Prentice, Simon, Reynolds, T., Rudy, Richard J., Shahbandeh, Melissa, Somero, Auni, Stassun, Keivan G., Thompson, T. A., Valenti, Stefano, Woo, Jong-Hak, Yunus, Sameen. Gaia17biu/SN 2017egm in NGC 3191: The closest hydrogen-poor superluminous supernova to date is in a "normal", massive, metal-rich spiral galaxy. The Astrophysical Journal, 853, 1, 2018, 57. SJR:2.863, ISI IF:5.533

Lumupa ce e:

691. Nicholl, Matt; Berger, Edo; Blanchard, Peter K.; Gomez, Sebastian; Chornock, Ryan. "Nebular-phase Spectra of Superluminous Supernovae: Physical Insights from Observational and Statistical Properties". The Astrophysical Journal, 871, 102. 2019, @2019 [Линк](#) 0.034

692. Maund, Justyn R.; Steele, Iain; Jermak, Helen; Wheeler, J. Craig; Wiersema, Klaas. "RINGO3 polarimetry of the Type I superluminous SN 2017egm". Monthly Notices of the Royal Astronomical Society, 482, 4057. 2019, @2019 [Линк](#) 0.034

693. Kann, D. A.; Schady, P.; Olivares E., F.; Klose, S.; Rossi, A.; Perley, D. A.; Krühler, T.; Greiner, J.; Nicuesa Guelbenzu, A.; Elliott, J.; Knust, F.; Filgas, R.; Pian, E.; Mazzali, P.; Fynbo, J. P. U.; Leloudas, G.; Afonso, P. M. J.; Delvaux, C.; Graham, J. F.; Rau, A. Schmidl, S.; Schulze, S.; Tanga, M.; Updike, A. C.; Varela, K. "Highly luminous supernovae associated with gamma-ray bursts. I. GRB 111209A/SN 2011kl in the context of stripped-envelope and superluminous supernovae". Astronomy & Astrophysics, 624, A143. 2019, @2019 [Линк](#) 0.034

694. Moriya, Takashi J.; Tanaka, Masaomi; Yasuda, Naoki; Jiang, Ji-an; Lee, Chien-Hsiu; Maeda, Keiichi; Morokuma, Tomoki; Nomoto, Ken'ichi; Quimby, Robert M.; Suzuki, Nao; Takahashi, Ichiro; Tanaka, Masayuki; Tominaga, Nozomu; Yamaguchi, Masaki; Bernard, Stephanie R.; Cooke, Jeff; Curtin, Chris; Galbany, Lluís; González-Gaitán, Santiago; Pignata, Giuliano; Pritchard, Tyler; Komiya, Yutaka; Lupton, Robert H. "First Release of High-Redshift Superluminous Supernovae from the Subaru High-Z SUpernova CAmpaign (SHIZUCA). I. Photometric Properties". The Astrophysical Journal Supplement Series, 241, 16. 2019, @2019 [Линк](#) 0.034

695. Lee, Chien-Hsiu. "Imaging Polarimetry of the Type I Superluminous Supernova 2018hti". The Astrophysical Journal, 875, 121. 2019, @2019 [Линк](#) 0.034

696. Wang, Shan-Qin; Wang, Ling-Jun; Dai, Zi-Gao. "The Energy Sources of Superluminous Supernovae". Research in Astronomy and Astrophysics, 19, 63. 2019, @2019 [Линк](#) 0.034

697. Tsvetkov, D. Yu.; Pavlyuk, N. N.; Shugarov, S. Yu.; Volkov, I. M. "Optical observations of bright supernovae". Contributions of the Astronomical Observatory Skalnaté Pleso, 49, 183. 2019, @2019 [Линк](#) 0.034

698. Zemcov, Michael; Arcavi, Iair; Arendt, Richard G.; Bachelet, Eitenne; Beichman, Chas; Bock, James; Brandt, Pontus; Chary, Ranga Ram; Cooray, Asantha; Dragomir, Diana; Gorjian, Varoujan; Harman, Chester E.; Henry, Richard Conn; Lisse, Carey; Lubin, Philip; Matsuura, Shuji; McNutt, Ralph; Murthy, Jayant; Poppe, Andrew R.; Paul, Michael V. Reach, William T.; Shvartzvald, Yossi; Street, R. A.; Symons, Teresa; Werner, Michael. "Opportunities for Astrophysical Science from the Inner and Outer Solar System". Bulletin of the American Astronomical Society, 51c, 60, @2019 [Линк](#) 0.034

699. Angus, C. R.; Smith, M.; Sullivan, M.; Inserra, C.; Wiseman, P.; D'Andrea, C. B. et al. "Superluminous supernovae from the Dark Energy Survey". Monthly Notices of the Royal Astronomical Society, 487, 2215. 2019, @2019 [Линк](#) 0.034

700. Kuin, N. Paul M.; Wu, Kinwah; Oates, Samantha; Lien, Amy; Emery, Sam; Kennea, Jamie A.; de Pasquale, Massimiliano; Han, Qin; Brown, Peter J.; Tohuvavohu, Aaron; Breeveld, Alice; Burrows, David N.; Cenko, S. Bradley; Campana, Sergio; 0.034

Levan, Andrew; Markwardt, Craig; Osborne, Julian P.; Page, Mat J.; Page, Kim L.; Sbarufatti, Boris Siegel, Michael; Troja, Eleonora. "Swift spectra of AT2018cow: a white dwarf tidal disruption event?". Monthly Notices of the Royal Astronomical Society, 487, 2505. 2019, @2019 [Линк](#)

701. Inerra, C. "Observational properties of extreme supernovae". Nature Astronomy, 3, 697. 2019, @2019 [Линк](#) 0.034
702. Gal-Yam, Avishay. "The Most Luminous Supernovae". Annual Review of Astronomy and Astrophysics, 57, 305. 2019, @2019 [Линк](#) 0.034
703. Arabsalmami, M.; Roychowdhury, S.; Renaud, F.; Cormier, D.; Le Floch, E.; Emsellem, E.; Perley, D. A.; Zwaan, M. A.; Bournaud, F.; Arumugam, V.; Møller, P. "A Superluminous Supernova in High Surface Density Molecular Gas within the Bar of a Metal-rich Galaxy". The Astrophysical Journal, 882, 31. 2019, @2019 [Линк](#) 0.034
704. Gal-Yam, Avishay. "A Simple Analysis of Type I Superluminous Supernova Peak Spectra: Composition, Expansion Velocities, and Dynamics". The Astrophysical Journal, 882, 102. 2019, @2019 [Линк](#) 0.034
292. Kjurkchieva, Diana P., Popov, Velimir A., **Petrov, Nikola I.** USNO-B1.0 1452-0049820 and ASAS J102556+2049.3: Two W UMa Binaries Close to the Lower Mass-ratio Limit. The Astronomical Journal, Volume 156, Issue 2, IOPscience, 2018, ISSN:0004-6256, DOI:10.3847/1538-3881/aace5e, SJR:2.23, ISI IF:4.15

Литература по теме:

705. Tian, Xiao-man; Zhu, Li-ying; Wang, Zhi-hua. "Am-Type Eclipsing Binary V2787 Ori: An Evolved Shallow-contact Binary with an Extremely Low Mass Ratio. Publications of the Astronomical Society of the Pacific, Volume 131, Issue 1002, pp. 08420, 2019, @2019 [Линк](#) 1.000
293. **Kostov, A., Bonev, T.** Transformation of Pan-STARRS1 gri to Stetson BVRI magnitudes. Photometry of small bodies observations.. Bulgarian Astronomical Journal, 28, 2018, 3. SJR (Scopus):0.158

Литература по теме:

706. Warner, B., Stephens, R., "Potential Binary and Tumbling Asteroids from the Center for Solar System Studies", 2019, MPBu, 46, 412, @2019 [Линк](#) 1.000
707. Stephens, R., Warner, B., "Lightcurve Analysis of L5 Trojan Asteroids at the Center for Solar System Studies: 2019 April to June", 2019, MPBu, 46, 389, @2019 [Линк](#) 1.000
708. Zharikov, S., Kirichenko, A., Zyuzin, D., Shibanov, Yu, Deneva, J., "Optical detection of the black widow binary PSR J2052+1219", 2019, MNRAS, 489, 5547, @2019 [Линк](#) 1.000
709. Stephens, R., Warner, B., "The Search for Very Wide Binary Asteroids", 2019, Proceedings for the 38th Annual Conference of the Society for Astronomical Sciences, SAS-2019, May 2019, Ontario, CA, pp. 1-6, @2019 [Линк](#) 1.000
710. Stephens, R., Warner, B., "Lightcurve Analysis of L5 Trojan Asteroids at the Center for Solar System Studies: 2019 January to March", 2019, MPBu, 46, 315, @2019 [Линк](#) 1.000
711. Warner, B., Stephens, R., "Near-Earth Asteroid Lightcurve Analysis at the Center for Solar System Studies: 2019 January-April", 2019, MPBu, 46, 304, @2019 [Линк](#) 1.000
712. Stephens, R., Warner, B., "Near-Earth Asteroid (152931) 2000 EA107: A Probable Binary", 2019, MPBu, 46, 302, @2019 [Линк](#) 1.000
713. Stephens, R., Warner, B., "Main-Belt Asteroids Observed from CS3: 2019 January - March", 2019, MPBu, 46, 298, @2019 [Линк](#) 1.000
714. Warner, B., Stephens, R., "Lightcurve Analysis of Hilda Asteroids at the Center for Solar System Studies: 2019 January-March", 2019, MPBu, 46, 294, @2019 [Линк](#) 1.000
715. Herath, M., Hinse, T., Livingston, J., Hernandez, J., Evans, D., Wells, R., Gunesequera, S., Tregloan-Reed, J., Rabus, M., Skottfelt, J., Dominik, M., Jørgensen, U., Jayaratne, C., Lý, C., "Two temperate sub-Neptunes transiting the star EPIC 212737443", 2019, MNRAS, 488, 536, @2019 [Линк](#) 1.000
716. Stephens, R., Warner, B., "Main-belt Asteroids Observed from CS3: 2019 April to June", 2019, MPBu, 46, 449, @2019 [Линк](#) 1.000
717. Warner, B., Stephens, R., "Lightcurve Analysis of Hilda Asteroids at the Center for Solar System Studies: 2019 April-June", 2019, MPBu, 46, 406, @2019 [Линк](#) 1.000
718. Warner, B., Stephens, R., "Near-Earth Asteroid Lightcurve Analysis at the Center for Solar System Studies: 2019 March-July", 2019, MPBu, 46, 423, @2019 [Линк](#) 1.000
294. **Markova, N.**, Puls, J., Langer, N.. Spectroscopic and physical parameters of Galactic O-type stars. III. Mass discrepancy and rotational mixing. Astronomy and Astrophysics, 613, 2018, A12. JCR-IF (Web of Science):5.565

Литература по теме:

719. Ducci, L.; Romano, P.; Ji, L.; Santangelo, A. "Accretion disc by Roche lobe overflow in the supergiant fast X-ray transient IGR J08408-4503 ", 2019, A&A 631, 135, @2019 1.000
720. Sabín-Sanjulián, C.; Barbá, R. H.; Gamen, R.; Arias, J. A. "Properties of massive stars in Galactic binary systems" 2019, AAA 61, 72, @2019 1.000

721. Roy, Arpita; Sutherland, Ralph S; Krumholz, Mark R; Heger, Alexander; Dopita, Michael A "Helium and Nitrogen Enrichment in Massive Main Sequence Stars: Mechanisms and Implications for the Origin of WNL Stars " 2019 MNRAS (eprint arXiv:1907.07666), @2019 1.000
722. Dufton, P. L.; Evans, C. J.; Hunter, I.; Lennon, D. J.; Schneider, F. R. N. "A census of massive stars in NGC 346. Stellar parameters and rotational velocities " A&A 626, 50, @2019 1.000
723. Keszthelyi, Z.; Meynet, G.; Georgy, C.; Wade, G. A.; Petit, V.; David-Uraz, A. "The effects of surface fossil magnetic fields on massive star evolution: I. Magnetic field evolution, mass-loss quenching, and magnetic braking", MNRAS 485, 5843, @2019 1.000
724. Gormaz-Matamala, Alex C.; Curé, M.; Cidale, L. S.; Venero, R. O. J. "Self-consistent Solutions for Line-driven Winds of Hot Massive Stars: The m-CAK Procedure", ApJ 873, 131, @2019 1.000
725. Higgins, Erin R.; Vink, Jorick S. "Massive star evolution: rotation, winds, and overshooting vectors in the mass-luminosity plane. I. A calibrated grid of rotating single star models ", A&A 622, 50, @2019 1.000
726. Zinchenko, I. A.; Dors, O. L.; Hägele, G. F.; Cardaci, M. V.; Krabbe, A. C. "Effective temperature of ionizing stars in extragalactic H II regions - II. Nebular parameter relationships based on CALIFA data", MNRAS 483, 1901, @2019 1.000
295. Pittori, C., Lucarelli, F., Verrecchia, F., **Bachev, R., Spassov, B., Strigachev, A.** The Bright γ -ray Flare of 3C 279 in June 2015: AGILE Detection and Multifrequency Follow-up Observations. The Astrophysical Journal, 856, 2, 2018, 99. ISI IF:5.551
- Lumupa ce e:
727. Shah, Z.; Jithesh, V.; Sahayanathan, S.; Misra, R.; Iqbal, N., "Study on temporal and spectral behaviour of 3C 279 during 2018 January flare", 2019, MNRAS, 484, 3168, @2019 1.000
728. Patiño-Álvarez, V. M.; Dzib, S. A.; Lobanov, A.; Chavushyan, V. , "Is there a non-stationary γ -ray emission zone 42 pc from the 3C 279 core?", A&A, 630, A56, @2019 1.000
729. Fraija, N.; Benítez, E.; Hiriart, D.; Sorcia, M.; López, J. M.; Mújica, R.; Cabrera, J. I.; Galván-Gámez, A., "Optical Polarimetric and Multiwavelength Flaring Activity of Blazar 3C 279", 2019, ApJS, 245, 18, @2019 1.000
296. Ahnen, M. L., Ansoldi, S., Antonelli, L. A., **Strigachev, A.** Extreme HBL behavior of Markarian 501 during 2012. Astronomy and Astrophysics, 620, A181, 2018, ISI IF:5.565
- Lumupa ce e:
730. Petropoulou, Maria; Sironi, Lorenzo; Spitkovsky, Anatoly; Giannios, Dimitrios, Relativistic Magnetic Reconnection in Electron-Positron-Proton Plasmas: Implications for Jets of Active Galactic Nuclei, ApJ...880...37P, @2019 0.007
731. Singh, K.K., Meintjes, P.J., Ramamonjisoa, F.A., Tolamatti, A., Extremely High energy peaked BL Lac nature of the TeV blazar Mrk 501, 2019, New Astronomy, 73, 101278, @2019 0.007
732. Oikonomou, F., Murase, K., Padovani, P., Resconi, E., Mészáros, P., "High-energy neutrino flux from individual blazar flares", 2019, MNRAS, 489, 4347, @2019 0.007
733. Böttcher, M., Baring, M. G., Multi-wavelength Variability Signatures of Relativistic Shocks in Blazar Jets, 2019, ApJ, 887, 133, @2019 0.007
734. Wiercholska, A., Zacharias, M., Jankowsky, F., Wagner, S., "Monitoring of PKS 2155-304 in 2015 and 2016", Galaxies, 7, 21, @2019 0.007
297. Ibryamov, S., **Semkov, E., Peneva, S.** V2492 Cygni: Optical BVRI variability during the period 2010-2017. Publications of the Astronomical Society of Australia, 35, 2018, DOI:10.1017/pasa.2018.2, e007. ISI IF:4.095
- Lumupa ce e:
735. Bhardwaj, A., Panwar, N., Herczeg, G. J., Chen, W. P., Singh, H. P., Variability of young stellar objects in the star-forming region Pelican Nebula, 2019, A&A, 627, A135, @2019 [Линк](#) 1.000
736. Rohde, P. F., Walch, S., Seifried, D., Whitworth, A. P., Clarke, S. D., Evolution of Hubble wedges in episodic protostellar outflows, 2019, MNRAS, 483, 2563, @2019 [Линк](#) 1.000
298. Kokotanekova, R, Snodgrass, C., Lacerda, P., Green, S. F., **Nikolov, P., Bonev, T.** Implications of the small spin changes measured for large Jupiter-family comet nuclei. Monthly Notices of the Royal Astronomical Society, 479, 2018, 4665-4680. ISI IF:5.194
- Lumupa ce e:
737. Jewitt, D., Luu, J., Disintegrating Inbound Long-period Comet C/2019 J2, 2019, The Astrophysical Journal Letters, Volume 883, Issue 2, article id. L28, @2019 [Линк](#) 1.000
738. Vincent, J. -B., Cometary topography and phase darkening, Astronomy & Astrophysics, Volume 624, id.A5, @2019 [Линк](#) 1.000
299. Pigulski, Andrzej, Kamińska, Monika K., Kamiński, Krzysztof, Paunzen, Ernst, Budaj, Jan, Pribulla, Theodor, Torres, Pascal J., **Stateva, Ivanka**, Niemczura, Ewa, Skarka, Marek, Kahraman Aliçavuş, Filiz, Sekeráš, Matej, van der Swaelmen, Mathieu, Vaňko, Martin, Vanzi, Leonardo, **Borisova, Ana**, Helminiak, Krzysztof, Aliçavuş, Fahri, Dimitrov, Wojciech, Tokarek, Jakub, Derekas, Aliz, Fernández, Daniela, Garai, Zoltan, **Napetova, Mirela**, Komžik, Richard, Merle, Thibault, Ratajczak, Milena, Richardson, Noel D., Kambe, Eiji, Ukita, Nobuharu.

Lumupa ce s:

739. Guo, Zhao; Shporer, Avi; Hambleton, Kelly; Isaacson, Howard, 2019, arXiv191108687G, @2019 1.000

300. Devogèle, M., Cellino, A., **Borisov, G.**, Bendjoya, Ph, Rivet, J.-P., Abe, L, Bagnulo, S., Christou, A., Vernet, D., **Donchev, Z.**, Belskaya, I., **Bonev, T.**, Krugly, Yu N.. The phase-polarization curve of asteroid (3200) Phaethon. Monthly Notices of the Royal Astronomical Society, 479, 2018, 3498-3508. ISI IF:5.194

Lumupa ce s:

740. Springmann, A., Lauretta, D.S., Klaue, B., Goreva, Y.S., Blum, J.D., Andronikov, A., and Steckloff, J.K., Thermal alteration 1.000 of labile elements in carbonaceous chondrites, Icarus 324, 104, @2019

741. Jiang, H., Yu, L., Ji, J., Revisiting the Advanced Thermal Physical Model: New Perspectives on Thermophysical 1.000 Characteristics of (341843) 2008 EV5 from Four-band WISE Data with the Sunlight-reflection Model, The Astronomical Journal 158, 205, @2019

301. Schneider, F. R. N., Ramírez-Agudelo, O. H., Tramper, F., Bestenlehner, J. M., Castro, N., Sana, H., Evans, C. J., Sabín-Sanjulián, C., Simón-Díaz, S., Langer, N., Fossati, L., Gräfener, G., Crowther, P. A., de Mink, S. E., de Koter, A., Gieles, M., Herrero, A., Izzard, R. G., Kalari, V., Klessen, R. S., Lennon, D. J., Mahy, L., Maíz Apellániz, J., **Markova, N.**, van Loon, J. Th., Vink, J. S., Walborn, N. R.. "The VLT-FLAMES Tarantula Survey. XXIX. Massive star formation in the local 30 Doradus starburst". Astronomy and Astrophysics, 618, 2018, A73. JCR-IF (Web of Science):5.565

Lumupa ce s:

742. Chruslinska, Martyna; Nelemans, Gijs, "Metallicity of stars formed throughout the cosmic history based on the observational 0.074 properties of star-forming galaxies", 2019, MNRAS, 488, 5300, @2019

743. Götberg, Y.; de Mink, S. E.; Groh, J. H.; Leitherer, C.; Norman, C. "The impact of stars stripped in binaries on the integrated 0.074 spectra of stellar populations ", A&A 629, 134, 2019, @2019

744. Cusin, Giulia; Dvorkin, Irina; Pitrou, Cyril; Uzan, Jean-Philippe "Properties of the stochastic astrophysical gravitational wave 0.074 background: Astrophysical sources dependencies" Physical Review D, Volume 100, Issue 6, id.063004, @2019

745. Stanway, E. R.; Eldridge, J. J. "Initial mass function variations cannot explain the ionizing spectrum of low metallicity 0.074 starbursts", A&A 621, 105, @2019

746. Cusin, Giulia; Durrer, Ruth; Ferreira, Pedro G. "Polarization of a stochastic gravitational wave background through diffusion 0.074 by massive structures ", Physical Review D, Volume 99, Issue 2, id.023534, @2019

302. Maher Dayeh, Mihir Desai, Robert Ebert, H Elliott, Ashraf Farahat, **Kamen Kozarev**, Gang Li. What causes the variability in the properties of energetic storm particle (ESP) events?. Journal of Physics: Conference Series, 1100, Institute of Physics Publishing, 2018, SJR (Scopus):0.241

Lumupa ce s:

747. Prinsloo, P. L.; Strauss, R. D.; le Roux, J. A., Acceleration of Solar Wind Particles by Traveling Interplanetary Shocks, 1.000 Astrophysical Journal, Volume 878, Issue 2, article id. 144, 22 pp. (2019), @2019

303. Doyle, J. G., Shetye, J., **Antonova, A.**, Kolotkov, D. Y., Srivastava, A. K., Stangalini, M., Gupta, G. R., Avramova, A., Mathioudakis, M.. Stellar flare oscillations: evidence for oscillatory reconnection and evolution of MHD modes. Monthly Notices of the Royal Astronomical Society, 475, 2, 2018, DOI:10.1093/mnras/sty032, 2842-2851. SJR (Scopus):2.372, JCR-IF (Web of Science):5.194

Lumupa ce s:

748. Zhang, Qile, PARTICLE HEATING AND ENERGY PARTITION IN RECONNECTION WITH A GUIDE FIELD, PhD thesis, 1.000 University of Maryland (College Park, Md.), 2019, @2019

749. Pugh, C. E.; Broomhall, A.-M.; Nakariakov, V. M., Scaling laws of quasi-periodic pulsations in solar flares, 1.000 2019A&A...624A..65P, @2019

304. Tomov, T., **Stateva, I.**, **Georgiev, S.**, **Konstantinova-Antova, R.**, **Stoyanov, K.**. High-resolution optical spectroscopy of Nova V392 Per. The Astronomer's Telegram, 11605, 2018, 1

Lumupa ce s:

750. Murphy-Glasyher, F. J., Darnley, M. J., Page, K. L.: 2019, ATel 12951, 1 - Liverpool Telescope and Swift Observations of 1.000 V392 Persei, @2019

305. Maciejewski, G., Fernández, M., Aceituno, F., Martín-Ruiz, S., Ohlert, J., **Dimitrov, D.**, et al.. Planet-star interactions with precise transit timing. I. The refined orbital decay rate for WASP-12 b and initial constraints for HAT-P-23 b, KELT-1 b, KELT-16 b, WASP-33 b, and WASP-103 b. Acta Astronomica, 68, 4, 2018, 371-401. ISI IF:3.667

Цитира се:

751. M. Lendl, "High precision ground-based photometry with 1-m class telescopes", *Contrib. Astron. Obs. Skalnat' e Pleso* 49, 1.000 107 – 118, (2019), @2019 [Линк](#)
752. Hamer, J.H., Schlaufman, K.C., "Hot Jupiters Are Destroyed by Tides While Their Host Stars Are on the Main Sequence", *The Astronomical Journal*, 158, 5, 190, 2019, @2019 [Линк](#)
753. Yee, S. W., Winn, J. N., Knutson, H. A., Patra, K. C., Vissapragada, S., Zhang, M. M., Holman, M. J., Shporer, A., Wright, J. T., "The Orbit of WASP-12b is Decaying", *The Astrophysical Journal*, 888, 1, L5, 2019, @2019 [Линк](#)
754. Yan, F., Casasayas-Barris, N., Molaverdikhani, K., Alonso-Floriano, F. J., Reiners, A., Pallé, E., Henning, Th., Mollière, P., et al., "Ionized calcium in the atmospheres of two ultra-hot exoplanets WASP-33b and KELT-9b", *Astronomy & Astrophysics*, Volume 632, id.A69, 12 pp. 2019, @2019 [Линк](#)
755. Baluev, R. V., Sokov, E. N., Jones, H. R. A., Shaidulin, V. Sh, Sokova, I. A., Nielsen, L. D., Benni, P., Schneider, E. M., Villarreal D'Angelo, C., et al., "Homogeneously derived transit timings for 17 exoplanets and reassessed TTV trends for WASP-12 and WASP-4", 2019, *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 1, p.1294-1312, @2019 [Линк](#)
756. Adams, A. D., Millholland, S., Laughlin, G. P., "Signatures of Obliquity in Thermal Phase Curves of Hot Jupiters", *The Astronomical Journal*, Volume 158, Issue 3, article id. 108, 16 pp. , 2019, @2019 [Линк](#)
757. Southworth, J., Dominik, M., U G Jørgensen, M I Andersen, V Bozza, M J Burgdorf, G D'Ago, S Dib, R Figuera Jaimes, Y I Fujii, S Gill, L K Haikala, T C Hinse, M Hundertmark, E Khalouei, H Korhonen, P Longa-Peña, L Mancini, N Peixinho, M Rabus, S Rahvar, S Sajadian, J Skottfelt, C Snodgrass, P Spyrtatos, J Tregloan-Reed, E Unda-Sanzana, C von Essen, Transit timing variations in the WASP-4 planetary system, *Monthly Notices of the Royal Astronomical Society*, Volume 490, Issue 3, Pages 4230–4236, 2019, @2019 [Линк](#)
758. Öztürk, O., Erdem, A., "New photometric analysis of five exoplanets: CoRoT-2b, HAT-P-12b, TrES-2b, WASP-12b, and WASP-52b", *Monthly Notices of the Royal Astronomical Society*, Volume 486, Issue 2, p.2290-2307, 2019, @2019 [Линк](#)
306. Kushwaha, P., Gupta, A. C., Wiita, P. J., Gaur, H., de Gouveia Dal Pino, E. M., Bhagwan, J., Kurtanidze, O. M., Larionov, V. M., Damjanovic, G., Uemura, M., **Semkov, E., Strigachev, A., Bachev, R.**, Vince, O., Gu, M., Zhang, Z., Abe, T., Agarwal, A., Borman, G. A., Fan, J. H., Grishina, T. S., Hirochi, J., Itoh, R., Kawabata, M., Kopatskaya, E. N., Kurtanidze, S. O., Larionova, E. G., Larionova, L. V., Mishra, A., Morozova, D. A., Nakaoka, T., Nikolashvili, M. G., Savchenko, S. S., Troitskaya, Yu. V., Troitsky, I. S., Vasilyev, A. A.. Multi-wavelength temporal and spectral variability of the blazar OJ 287 during and after the December 2015 flare: a major accretion disc contribution. *Monthly Notices of the Royal Astronomical Society*, 473, 2018, ISSN:1365-2966, 1145-1156. ISI IF:5.231

Цитира се:

759. Oikonomou, F., Murase, K., Padovani, P., Resconi, E., Mészáros, P., High-energy neutrino flux from individual blazar flares, *MNRAS*, 489, 4347, @2019 [Линк](#)
307. Kushwaha, P., Gupta, A. C., Wiita, P. J., Pal, M., Gaur, H., de Gouveia Dal Pino, E. M., Kurtanidze, O. M., **Semkov, E.**, Damjanovic, G., Hu, S. M., Uemura, M., Vince, O., Darriba, A., Gu, M. F., **Bachev, R.**, Chen, X., Itoh, R., Kawabata, M., Kurtanidze, S. O., Nakaoka, T., Nikolashvili, M. G., Sigua, L. A., **Strigachev, A.**, Zhang, Z.. The ever-surprising blazar OJ 287: multi-wavelength study and appearance of a new component in X-rays. *Monthly Notices of the Royal Astronomical Society*, 479, 2018, DOI:https://doi.org/10.1093/mnras/sty1499, 1672-1684. ISI IF:5.231

Цитира се:

760. Oikonomou, F., Murase, K., Padovani, P., Resconi, E., Mészáros, P., High-energy neutrino flux from individual blazar flares, *MNRAS*, 489, 4347, @2019 [Линк](#)
308. Mathias, P., Auriere, M., Ariste, A.Lopez, Petit, P., Thessore, B., Josselin, E., Lebre, A., Morin, J., Wade, G., Herpin, F., Chiavassa, A., Montarges, M., **Konstantinova-Atova, R.**, Kervella, P., Perrin, G., Donati, J.F., Grunhut, J.. Evolution of the magnetic field of Betelgeuse from 2009-2017. *Astronomy and Astrophysics*, 615, EDP Sciences, 2018, DOI:10.1051/0004-6361/201732542, 116. ISI IF:5.565

Цитира се:

761. Romanyuk, I. I. Magnetic Fields of Chemically Peculiar and Related Stars. 5.Main Results of 2018 and Near-Future Prospects, *AstBu*, 74, 437, @2019
762. Goldman, S. R., Boyer, M. L., McQuinn et al. An Infrared Census of DUST in Nearby Galaxies with Spitzer (DUSTINGS). V. The Period-Luminosity Relation for Dusty Metal-poor AGB Stars, *ApJ*, 877, 49, @2019
309. **Stoyanov, K. A.**, Martí, J., **Zamanov, R., Dimitrov, V. V., Kurtenkov, A.**, Sánchez-Ayaso, E., Bujalance-Fernández, I., **Latev, G. Y., Nikolov, G.**. Optical flickering of the symbiotic star CH Cyg. *Bulgarian Astronomical Journal*, 28, 2018, ISSN:1314-5592, SJR:0.15

Цитира се:

763. Sekeráš, M., Skopal, A., Shugarov, S., Shagatova, N., Kundra, E., Komžík, R., Vrašťák, M., Peneva, S. P., Semkov, E., Stubbing, R.: 2019, *CoSka* 49, 19 - Photometry of Symbiotic Stars - XIV, @2019

310. **Kozarev, K. A.**, Dayeh, M. A., Farahat, A. Early-stage Solar Energetic Particle Acceleration by Coronal Mass Ejection-driven Shocks with Realistic Seed Spectra. I. Low Corona. *The Astrophysical Journal*, 871, 2019, DOI:10.3847/1538-4357/aaf1ce, 65. SJR (Scopus):2.741, JCR-IF (Web of Science):5.58
- [Lumupa ce e:](#)
764. Wijzen, Nicolas; Aran, Angels; Pomoell, Jens; Poedts, Stefaan. Spreading protons in the heliosphere: a note on cross-field diffusion effects, eprint arXiv:1908.00769, @2019 1.000
311. **Zamanov, R., Stoyanov, K. A.**, Wolter, U., Marchev, D., **Petrov, N. I.** Spectral observations of X Persei: Connection between H α and X-ray emission. *Astronomy & Astrophysics*, 622, id. A173, EDP SCIENCES S A, 2019, ISSN:1432-0746, DOI:10.1051/0004-6361/201834697, SJR:2.26, ISI IF:5.565
- [Lumupa ce e:](#)
765. Naze, Y.; Rauw, G.; Guarro Flo, J; De Bruin, A.; Garde, O.; Thizy, O.; Houpert, F.; Pollmann, E...."Evolution of the disk of π Aqr: from near-disappearance to a strong maximum", accepted by *New Astronomy*, *New Astronomy* (vol 73, id 101279, 2019), doi:10.1016/j.newast.2019.101279, 2019, @2019 [Линк](#) 1.000
766. Nakajima, M., Negoro, H., Mihara, T., Sugizaki, M., Yatabe, F., Makishima, K.: 2019, IAUS 346, 131 - Firm detection of 7-year X-ray periodicity from X Persei, @2019 1.000
767. Naze, Yael; Rauw, G.; Smith, M. "Surprises in the simultaneous X-ray and optical monitoring of π Aqr". *A&A*, 632, A23, 2019, @2019 [Линк](#) 1.000
312. Vercellone, S., Romano, P., Piano, G., Vittorini, V., Donnarumma, I., Munar-Adrover, P., Raiteri, C. M., Villata, M., Verrecchia, F., Lucarelli, F., Pittori, C., Bulgarelli, A., Fioretti, V., Tavani, M. J., Acosta-Pulido, A., Agudo, I., Arkharov, A. A., Bach, U., **Bachev, R.**, Borman, G. A., Butuzova, M. S., Carnerero, M. I., Casadio, C., Damjanovic, G., D'Ammando, F., Di Paola, A., Doroshenko, V. T., Efimova, N. V., Ehgamberdiev, Sh. A., Giroletti, M. J., Gómez, L., Grishina, T. S., Järvelä, E., Klimanov, S. A., Kopatskaya, E. N., Kurtanidze, O. M., Lähteenmäki, A., Larionov, V. M., Larionova, L. V., **Mihov, B.**, Mirzaqulov, D. O., Molina, S. N., Morozova, D. A., Nazarov, S. V., Orienti, M., Righini, S., Savchenko, S. S., **Semkov, E.**, **Slavcheva-Mihova, L.**, **Strigachev, A.**, Tornikoski, M., Troitskaya, Yu. V., Vince, O., Cattaneo, P. W., Colafrancesco, S., Longo, F., Morselli, A., Paoletti, F., Parmiggiani, N., AGILE, Fermi, Swift, and GASP/WEBT multi-wavelength observations of the high-redshift blazar 4C +71.07 in outburst. *Astronomy and Astrophysics*, 621, 2019, DOI:10.1051/0004-6361/201732532, A82. JCR-IF (Web of Science):6.209
- [Lumupa ce e:](#)
768. Bolli, P., Orfei, A., Zanichelli, A., Prestage, R., Tingay, S. J., Beltrán, M., Burgay, M., Contavalle, C., Honma, M., Kraus, A., Lindqvist, M., Lopez Perez, J., Marongiu, P., Minamidani, T., Navarro, S., Pisanu, T., Shen, Z.-Q., Sohn, B. W., Stanghellini, C., Tzioumis, T., Zacciroli, G., An International Survey of Front-end Receivers and Observing Performance of Telescopes for Radio Astronomy, 2019, PASP, 131, pp. 085002, @2019 [Линк](#) 1.000
313. Kjurkchieva, D. P., Popov, V. A., Eneva, Y., **Petrov, N. I.** The W UMa binaries USNO-A2.0 1350-17365531, V471 Cas, V479 Lac and V560 Lac: light curve solutions and global parameters based on the GAIA distances. *Research in Astronomy and Astrophysics*, 19, 1, IOP publishing, Chinese Astronomical Society, 2019, ISSN:1674-4527, DOI:10.1088/1674-4527/19/1/14, SJR (Scopus):0.681, JCR-IF (Web of Science):1.227
- [Lumupa ce e:](#)
769. Qing Kang Li, J. P. Cassinelli, J. C. Brown, R. Ignace. "Polarization variability arising from clumps in the winds of Wolf-Rayet stars of Wolf-Rayet stars". *Research in Astron. Astrophys.* Vol. 9 No. 5, pp. 558 – 576, 2019, @2019 [Линк](#) 1.000
770. Li, Kai; Xia, Qi-Qi; Liu, Jin-Zhong; Zhang, Yu; Gao, Xing; Hu, Shao-Ming; Guo, Di-Fu; Chen, Xu; Liu, Yuan. Photometric investigations on two totally eclipsing contact binaries: V342 UMA and V509 Cam. *Research in Astron. Astrophys.* 2019., @2019 [Линк](#) 1.000
314. Huang, P. C., Chen, W. P., Mugrauer, M., Bischoff, R., Budaj, J., Burkhonov, O., Ehgamberdiev, S., Errmann, R., Garai, Z., Hsiao, H. Y., Hu, C. L., Janulis, R., Jensen, E. L. N., Kiyota, S., Kuramoto, K., Lin, C. S., Lin, H. C., Liu, J. Z., Lux, O., Naito, H., Neuhäuser, R., Ohlert, J., Pakštienė, E., Pribulla, T., Qvam, J. K. T., Raetz, St., Sato, S., Schwartz, M., **Semkov, E.**, Takagi, S., Wagner, D., Watanabe, M., Zhang, Y.. Diagnosing the Clumpy Protoplanetary Disk of the UXor Type Young Star GM Cephei. *The Astrophysical Journal*, 871, 2019, art. id. 1. ISI IF:5.551
- [Lumupa ce e:](#)
771. Hillenbrand, L. A., Reipurth, B., Connelley, M., Cutri, R. M., Isaacson, H., Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion + Reduced Extinction, 2019, *AJ*, 158, art. id. 240, @2019 [Линк](#) 0.061
315. Dalmasse, K., **Savcheva, A.**, Gibson, S. E., Fan, Y., Nychka, D. W., Flyer, N., Mathews, N., DeLuca, E. E.. Data-optimized Coronal Field Model. I. Proof of Concept. *Astrophysical Journal*, 877, 2, 2019, 111. JCR-IF (Web of Science):5.58

Цитира се в:

772. Guo, Y., Xu, Y., Ding, M. D.; Chen, P. F.; Xia, Ch., Keppens, R., The Magnetic Flux Rope Structure of a Triangulated Solar Filament, 2019, ApJ, 884, L1, @2019 [Линк](#) 1.000
773. Al-Haddad, N., Lugaz, N., Poedts, S., Farrugia, Ch. J., Nieves-Chinchilla, T., Roussev, I. I., Evolution of Coronal Mass Ejection Properties in the Inner Heliosphere: Prediction for the Solar Orbiter and Parker Solar Probe, 2019, ApJ, 884, 179, @2019 [Линк](#) 1.000

316. Kjurkchieva, D., **Stateva, I.**, Popov, V., Marchev, D.. Photometric and Spectral Observations of the W UMa Stars NSVS 4161544 and 1SWASP J034501.24+493659.9. GAIA Challenges. Astronomical Journal, 157, IOP Publishing, 2019, 73. JCR-IF (Web of Science):5.497

Цитира се в:

774. Li, Kai; Xia, Qi-Qi; Liu, Jin-Zhong; Zhang, Yu; Gao, Xing; Hu, Shao-Ming; Guo, Di-Fu; Chen, Xu; Liu, Yuan, 2019, RAA 19, 147, @2019 1.000

317. Cunha, M. S., Antoci, V., Holdsworth, D. L., Kurtz, D. W., Balona, L. A., Bognar, Zs., **Stateva, I.**, De Cat, P., Garcia Hernandez, A., Safari, H., Suarez, J. C., Szabo, R., Tkachenko, A., Weiss, W. W.. Rotation and pulsation in Ap stars: first light results from TESS sectors 1 and 2. Monthly Notices of the Royal Astronomical Society, 487, Oxford University Press, 2019, 3523-3549. JCR-IF (Web of Science):5.231

Цитира се в:

775. Bowman, DM; Holdsworth, DL; 2019, A&A 629, 21, @2019 0.051
776. Holdsworth, Daniel L.; Saio, Hideyuki; Kurtz, Donald W., 2019, MNRAS 489, 4063, @2019 0.051
777. Khalack, V.; Lovekin, C.; Bowman, D. M.; Kobzar, O.; David-Uraz, A.; Paunzen, E.; Sikora, J.; Lenz, P.; Kochukhov, O.; Holdsworth, D. L.; Wade, G. A., 2019, MNRAS 490, 2102, @2019 0.051

318. **Mutafov, A. S., Semkov, E. H., Ibryamov, S. I., Peneva, S. P.** Long-time photometric study of UX Orionis stars. AIP Conference Proceedings, 2075, 2019, 090004. SJR (Scopus):0.182

Цитира се в:

778. Hillenbrand, L. A., Reipurth, B., Connelley, M., Cutri, R. M., Isaacson, H., Gaia 19ajj: A Young Star Brightening Due to Enhanced Accretion + Reduced Extinction, 2019, AJ, 158, art. id. 240, @2019 [Линк](#) 1.000