списък на публикациите и забелязани цитати на
д-р Григор Николов
22 януари 2020 г.

Publications list in ADS ; ORCID ID: orcid.org/0000-0001-7821-5755

1. Nikolov, G. (2020). Stellar systems in the Local group: Large Magellanic Cloud star clusters. *Bulgarian Astronomical Journal*, 32:123 – 2020BlgAJ..32..123N

2. Zamanov, R., Stoyanov, K., Nikolov, G., Kurtenkov, A., Boeva, S., Latev, G., and Tomov, T. (2019a). MWC 560 - disappearance of optical flickering. *The Astronomer's Telegram*, 13236:1 – 2019ATel13236....1Z

3. Georgiev, T. B., Zamanov, R. K., Boeva, S., Latev, G., Spassov, B., Martí, J., Nikolov, G., Ibryamov, S., Tsvetkova, S. V., and Stoyanov, K. A. (2019b). Intra-night flickering of RS Ophiuchi: I. Sizes and cumulative energies of time structures. *Bulgarian Astronomical Journal*, 30:83 – 2019BlgAJ..30...83G

4. Nikolov, G. and Markov, H. (2019). Characterising lmc star cluster ngc 2004. *AIP Conference Proceedings*, 2075(1):090005 – 2019AIPC.2075i0005N

5. Kjurkchieva, D., Petrov, N., Ibryamov, S., Nikolov, G., and Popov, V. (2018). New observations and transit solutions of the exoplanets HAT-P-53b and XO-5b. *Serbian Astronomical Journal*, 196:15–20 – 2018SerAJ.196...15K

6. Stoyanov, K. A., Martí, J., Zamanov, R., Dimitrov, V. V., Kurtenkov, A., Sánchez-Ayaso, E., Bujalance-Fernández, I., Latev, G. Y., and Nikolov, G. (2018). Optical flickering of the symbiotic star CH Cyg. *Bulgarian Astronomical Journal*, 28:42 – 2018BlgAJ..28...42S
цитирана от:

   - Sekeráš, M., Skopal, A., Shugarov, S., Shagatova, N., Kundra, E., Komžík, R., Vrašťák, M., Peneva, S. P., Semkov, E., and Stubbings, R. (2019). Photometry of Symbiotic Stars - XIV. *Contributions of the Astronomical Observatory Skalnate Pleso*, 49(1):19–66 – 2019CoSka..49...19S

7. Nikolov, G. (2018a). Mimicking multiple stellar populations. *Mem. Soc. Astron. Italiana*, 89:85 – 2018MmSAI..89...85N

8. Nikolov, G. B. (2018b). Precise astrometry from half-century long observations of star cluster M 15. *Astronomical and Astrophysical Transactions*, 30:417–420 – 2018A&AT...30..417N
цитирана от:

   - Petrov, N., Kjurkchieva, D., and Tsvetkov, T. (2018). Modern history of astronomy in Bulgaria. *Astronomical and Astrophysical Transactions*, 30(4):441–452 – 2018A&AT...30..441P

9. Zamanov, R. K., Latev, G. Y., Boeva, S., Ibryamov, S., Nikolov, G. B., and Stoyanov, K. A. (2017). The cataclysmic variable AE Aquarii: B -V color of the flares. *Astronomische Nachrichten*, 338:598–603 – 2017AN....338..598Z
цитирана от:

   - Zamanov, R. K., Boeva, S., Latev, G. Y., Martí, J., Boneva, D., Spassov, B., Nikolov, Y., Bode, M. F., Tsvetkova, S. V., and Stoyanov, K. A. (2018). The recurrent nova RS Oph: simultaneous B- and V- band observationsof the flickering variability. *MNRAS*, 480(1):1363–1371 – 2018MNRAS.480.1363Z

10. Boeva, S., Latev, G., Nikolov, Y., Nikolov, P., Nikolov, G., Spassov, B., Petrov, B., Damljanovic, G., Sekulic, M., and Zamanov, R. (2017). KR Aur - extremely high variations in optical bands. *The Astronomer's Telegram*, 10141 – 2017ATel10141....1B

11. Bonev, T., Markov, H., Tomov, T., Bogdanovski, R., Markishki, P., Belcheva, M., Dimitrov, W., Kamiński, K., Milushev, I., Musaev, F., Napetova, M., Nikolov, G., Nikolov, P., and Tenev, T. (2017). ESpeRo: Echelle Spectrograph Rozhen. *Bulgarian Astronomical Journal*, 26:67 – 2017BlgAJ..26...67B
цитирана от:

    - Zamanov, R., Stoyanov, K. A., Wolter, U., Tomov, N. A., Marchev, D., and Iliev, L. (2019c). Evolution of asymmetries in the circumstellar disc of the Be/X-ray binary X Persei. *arXiv e-prints*, page arXiv:1906.11587 – 2019arXiv190611587Z
    - Stoyanov, K. A., Tomov, T., Stateva, I., and Georgiev, S. (2019). High-resolution optical spectroscopy of Nova V392 Per. *arXiv e-prints*, page arXiv:1906.06055 – 2019arXiv190606055S
    - Kjurkchieva, D., Stateva, I., Popov, V. A., and Marchev, D. (2019). Photometric and Spectral Observations of the W UMa Stars NSVS 4161544 and 1SWASP J034501.24+493659.9. GAIA Challenges. *AJ*, 157(2):73 – 2019AJ....157...73K
    - Georgiev, S., Konstantinova-Antova, R., Borisova, A., Kolev, D., Auruière, M., Petit, P., Belcheva, M., Markov, H., Bogdanovski, R., Spassov, B., Zamanov, R., Tomov, N., and Kurtenkov, A. (2019a). A long-term spectral study of the single active giant OP andromedae. In *American Institute of Physics Conference Series*, volume 2075 of *American Institute of Physics Conference Series*, page 090003 – 2019AIPC.2075i0003G
    - Zamanov, R., Stoyanov, K. A., Wolter, U., Marchev, D., and Petrov, N. I. (2019b). Spectral observations of X Persei: Connection between Hα and X-ray emission. *A&A*, 622:A173 – 2019A&A...622A.173Z
    - Dimitrov, W., Tomov, T., Kamiński, K., Polińska, M., Iliev, I., and Kamińska, M. K. (2018). GT Ursae Majoris AB - a Possible Quadruple System. *Acta Astron.*, 68(2):141–158 – 2018AcA....68..141D
    - Nikolov, Y. M., Zamanov, R. K., Stoyanov, K. A., and Martí, J. (2017). Interstellar extinction toward Be/X-ray binary stars. *Bulgarian Astronomical Journal*, 27:10 – 2017BlgAJ..27...10N

12. 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., and Lee, C.-U. (2016). Departure from the constant-period ephemeris for the transiting exoplanet WASP-12. *A&A*, 588:L6 – 2016A&A...588L...6M
цитирана от:

    - Yee, S. W., Winn, J. N., Knutson, H. A., Patra, K. C., Vissapragada, S., Zhang, M. M., Holman, M. J., Shporer, A., and Wright, J. T. (2020). The Orbit of WASP-12b Is Decaying. *ApJ*, 888(1):L5 – 2020ApJ...888L...5Y
    - Southworth, J., Dominik, M., Jørgensen, U. G., Andersen, M. I., Bozza, V., Burgdorf, M. J., D'Ago, G., Dib, S., Figuera Jaimes, R., 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., Rahvar, S., Sajadian, S., Skottfelt, J., Snodgrass, C., Spyratos, P., Tregloan-Reed, J., Unda-Sanzana, E., and von Essen, C. (2019). Transit timing variations in the WASP-4 planetary system. *MNRAS*, 490(3):4230–4236 – 2019MNRAS.490.4230S

- Baluev, R. V., Sokov, E. N., Jones, H. R. A., Shaidulin, V. S., Sokova, I. A., Nielsen, L. D., Benni, P., Schneiter, E. M., Villarreal D'Angelo, C., Fernández-Lajús, E., Di Sisto, R. P., Baştürk, Ö., Bretton, M., Wunsche, A., Hentunen, V. P., Shadick, S., Jongen, Y., Kang, W., Kim, T., PakštienÄ–, E., Qvam, J. K. T., Knight, C. R., Guerra, P., Marchini, A., Salvaggio, F., Papini, R., Evans, P., Salisbury, M., Garcia, F., Molina, D., Garlitz, J., Esseiva, N., Ogmen, Y., Karavaev, Y., Rusov, S., Ibrahimov, M. A., and Karimov, R. G. (2019). Homogeneously derived transit timings for 17 exoplanets and reassessed TTV trends for WASP-12 and WASP-4. *MNRAS*, 490(1):1294–1312 – 2019MNRAS.490.1294B
- Hamer, J. H. and Schlaufman, K. C. (2019). Hot Jupiters Are Destroyed by Tides While Their Host Stars Are on the Main Sequence. *AJ*, 158(5):190 – 2019AJ....158..190H
- Duguid, C. D., Barker, A. J., and Jones, C. A. (2019). Tidal flows with convection: frequency-dependence of the effective viscosity and evidence for anti-dissipation. *MNRAS*, page 2514 – 2019MNRAS.tmp.2514D
- Bell, T. J., Zhang, M., Cubillos, P. E., Dang, L., Fossati, L., Todorov, K. O., Cowan, N. B., Deming, D., Zellem, R. T., Stevenson, K. B., Crossfield, I. J. M., Dobbs-Dixon, I., Fortney, J. J., Knutson, H. A., and Line, M. R. (2019). Mass loss from the exoplanet WASP-12b inferred from Spitzer phase curves. *MNRAS*, 489(2):1995–2013 – 2019MNRAS.489.1995B
- Adams, A. D., Millholland, S., and Laughlin, G. P. (2019). Signatures of Obliquity in Thermal Phase Curves of Hot Jupiters. *AJ*, 158(3):108 – 2019AJ....158..108A
- Heller, R. (2019). Formation of hot Jupiters through disk migration and evolving stellar tides. *A&A*, 628:A42 – 2019A&A...628A..42H
- Öztürk, O. and Erdem, A. (2019). New photometric analysis of five exoplanets: CoRoT-2b, HAT-P-12b, TrES-2b, WASP-12b, and WASP-52b. *MNRAS*, 486(2):2290–2307 – 2019MNRAS.486.2290O
- 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., Villasenor, J., Ricker, G. R., Vanderspek, R., Latham, D. W., Seager, S., Jenkins, J. M., Berta-Thompson, Z., Colón, K., Fausnaugh, M., Glidden, A., Guerrero, N., Rodriguez, J. E., Twicken, J. D., and Wohler, B. (2019). WASP-4b Arrived Early for the TESS Mission. *AJ*, 157(6):217 – 2019AJ....157..217B
- Maciejewski, G. (2019). Planet-star tidal interactions with precise transit timing. *Contributions of the Astronomical Observatory Skalnate Pleso*, 49(2):334–340 – 2019CoSka..49..3
- Chontos, A., Huber, D., Latham, D. W., Bieryla, A., Van Eylen, V., Bedding, T. R., Berger, T., Buchhave, L. A., Campante, T. L., Chaplin, W. J., Colman, I. L., Coughlin, J. L., Davies, G., Hirano, T., Howard, A. W., and Isaacson, H. (2019). The Curious Case of KOI 4: Confirming Kepler's First Exoplanet Detection. *AJ*, 157(5):192 – 2019AJ....157..192C
- Shporer, A., Wong, I., Huang, C. X., Line, M. R., Stassun, K. G., Fetherolf, T., Kane, S. R., Bouma, L. G., Daylan, T., Güenther, M. N., Ricker, G. R., Latham, D. W., Vanderspek, R., Seager, S., Winn, J. N., Jenkins, J. M., Glidden, A., Berta-Thompson, Z., Ting, E. B., Li, J., and Haworth, K. (2019). TESS Full Orbital Phase Curve of the WASP-18b System. *AJ*, 157(5):178 – 2019AJ....157..178S
- Kedziora-Chudczer, L., Zhou, G., Bailey, J., Bayliss, D. D. R., Tinney, C. G., Osip, D., Colón, K. D., Shporer, A., and Dragomir, D. (2019). Secondary eclipses of WASP-18b - near-infrared observations with the Anglo-Australian Telescope, the

Magellan Clay Telescope and the LCOGT network. *MNRAS*, 483(4):5110–5122 – 2019MNRAS.483.5110K

- Mallonn, M., von Essen, C., Herrero, E., Alexoudi, X., Granzer, T., Sosa, M., Strassmeier, K. G., Bakos, G., Bayliss, D., Brahm, R., Bretton, M., Campos, F., Carone, L., Colón, K. D., Dale, H. A., Dragomir, D., Espinoza, N., Evans, P., Garcia, F., Gu, S. H., Guerra, P., Jongen, Y., Jordán, A., Kang, W., Keles, E., Kim, T., Lendl, M., Molina, D., Salisbury, M., Scaggiante, F., Shporer, A., Siverd, R., Sokov, E., Sokova, I., and Wünsche, A. (2019). Ephemeris refinement of 21 hot Jupiter exoplanets with high timing uncertainties. *A&A*, 622:A81 – 2019A&A...622A..81M
- Bailey, A. and Goodman, J. (2019). Understanding WASP-12b. *MNRAS*, 482(2):1872–1882 – 2019MNRAS.482.1872B
- Labadie-Bartz, J., Rodriguez, J. E., Stassun, K. G., Ciardi, D. R., Penev, K., Johnson, M. C., Gaudi, B. S., Colón, K. D., Bieryla, A., Latham, D. W., Pepper, J., Collins, K. A., Evans, P., Relles, H., Siverd, R. J., Bento, J., Yao, X., Stockdale, C., Tan, T.-G., Zhou, G., Eastman, J. D., Albrow, M. D., Bayliss, D., Beatty, T. G., Berlind, P., Bozza, V., Calkins, M. L., Cohen, D. H., Curtis, I. A., Esquerdo, G. A., Feliz, D., Fulton, B. J., Gregorio, J., James, D., Jensen, E. L. N., Johnson, J. A., Johnson, S. A., Joner, M. D., Kasper, D., Kielkopf, J. F., Kuhn, R. B., Lund, M. B., Malpas, A., Manner, M., McCrady, N., McLeod, K. K., Oberst, T. E., Penny, M. T., Reed, P. A., Sliski, D. H., Stephens, D. C., Stevens, D. J., Villanueva, Steven, J., Wittenmyer, R. A., Wright, J. T., and Zambelli, R. (2019). KELT-22Ab: A Massive, Short-Period Hot Jupiter Transiting a Near-solar Twin. *ApJS*, 240(1):13 – 2019ApJS..240...13L
- Millholland, S. and Laughlin, G. (2018). Obliquity Tides May Drive WASP-12b's Rapid Orbital Decay. *ApJ*, 869(1):L15 – 2018ApJ...869L..15M
- Maciejewski, G., Fernández, M., Aceituno, F., Martín-Ruiz, S., Ohlert, J., Dimitrov, D., Szyszka, K., von Essen, C., Mugrauer, M., Bischoff, R., Michel, K. U., Mallonn, M., Stangret, M., and Moździerski, D. (2018a). 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 Astron.*, 68(4):371–401 – 2018AcA....68..371M
- Winn, J. N., Sanchis-Ojeda, R., and Rappaport, S. (2018). Kepler-78 and the Ultra-Short-Period planets. *New A Rev.*, 83:37–48 – 2018NewAR..83...37W
- Baluev, R. V. (2018). PlanetPack3: A radial-velocity and transit analysis tool for exoplanets. *Astronomy and Computing*, 25:221–229 – 2018A&C....25..221B
- Maciejewski, G. (2018). WASP-12 b - an exoplanet falling onto its host star? In Ró&żańska, A., editor, *XXXVIII Polish Astronomical Society Meeting*, volume 7, pages 113–117 – 2018pas7.conf..113M
- Perryman, M. (2018). *The Exoplanet Handbook* – 2018exha.book.....P
- Zoppetti, F. A., Beaugé, C., and Leiva, A. M. (2018). Resonant capture and tidal evolution in circumbinary systems: testing the case of Kepler-38. *MNRAS*, 477(4):5301–5311 – 2018MNRAS.477.5301Z
- Maciejewski, G., Stangret, M., Ohlert, J., Basaran, C. S., Maciejczak, J., Puciata-Mroczynska, M., and Boulanger, E. (2018b). New transit timing observations for GJ 436 b, HAT-P-3 b, HAT-P-19 b, WASP-3 b, and XO-2 b. *Information Bulletin on Variable Stars*, 6243:1 – 2018IBVS.6243....1M
- McDonald, I. and Kerins, E. (2018). Pre-discovery transits of the exoplanets WASP-18b and WASP-33b from Hipparcos. *MNRAS*, 477(1):L21–L24 – 2018MNRAS.477L..21M

- Collier Cameron, A. and Jardine, M. (2018). Hierarchical Bayesian calibration of tidal orbit decay rates among hot Jupiters. *MNRAS*, 476(2):2542–2555 – 2018MNRAS.476.2542C
- Penev, K., Bouma, L. G., Winn, J. N., and Hartman, J. D. (2018). Empirical Tidal Dissipation in Exoplanet Hosts From Tidal Spin-up. *AJ*, 155(4):165 – 2018AJ....155..165P
- Petrucci, R., Jofré, E., Ferrero, L. V., Cúneo, V., Saker, L., Lovos, F., Gómez, M., and Mauas, P. (2018). A search for transit timing variations and orbital decay in WASP-46b. *MNRAS*, 473(4):5126–5141 – 2018MNRAS.473.5126P
- Weinberg, N. N., Sun, M., Arras, P., and Essick, R. (2017). Tidal Dissipation in WASP-12. *ApJ*, 849(1):L11 – 2017ApJ...849L..11W
- Chernov, S. V., Ivanov, P. B., and Papaloizou, J. C. B. (2017). Dynamical tides in exoplanetary systems containing hot Jupiters: confronting theory and observations. *MNRAS*, 470(2):2054–2068 – 2017MNRAS.470.2054C
- Patra, K. C., Winn, J. N., Holman, M. J., Yu, L., Deming, D., and Dai, F. (2017). The Apparently Decaying Orbit of WASP-12b. *AJ*, 154(1):4 – 2017AJ....154....4P
- Meynet, G., Eggenberger, P., Privitera, G., Georgy, C., Ekström, S., Alibert, Y., and Lovis, C. (2017). Star-planet interactions. IV. Possibility of detecting the orbit-shrinking of a planet around a red giant. *A&A*, 602:L7 – 2017A&A...602L...7M
- Montet, B. T., Yee, J. C., and Penny, M. T. (2017). Measuring the Galactic Distribution of Transiting Planets with WFIRST. *PASP*, 129(974):044401 – 2017PASP..129d440
- Wilkins, A. N., Delrez, L., Barker, A. J., Deming, D., Hamilton, D., Gillon, M., and Jehin, E. (2017). Searching for Rapid Orbital Decay of WASP-18b. *ApJ*, 836(2):L24 – 2017ApJ...836L..24W
- Van Eylen, V., Albrecht, S., Gandolfi, D., Dai, F., Winn, J. N., Hirano, T., Narita, N., Bruntt, H., Prieto-Arranz, J., Béjar, V. J. S., Nowak, G., Lund, M. N., Palle, E., Ribas, I., Sanchis-Ojeda, R., Yu, L., Arriagada, P., Butler, R. P., Crane, J. D., Handberg, R., Deeg, H., Jessen-Hansen, J., Johnson, J. A., Nespral, D., Rogers, L., Ryu, T., Shectman, S., Shrotriya, T., Slumstrup, D., Takeda, Y., Teske, J., Thompson, I., Vand erburg, A., and Wittenmyer, R. (2016). The K2-ESPRINT Project V: A Short-period Giant Planet Orbiting a Subgiant Star*. *AJ*, 152(5):143 – 2016AJ....152..143V
- Penev, K., Hartman, J. D., Bakos, G. Á., Ciceri, S., Brahm, R., Bayliss, D., Bento, J., Jordán, A., Csubry, Z., Bhatti, W., de Val-Borro, M., Espinoza, N., Zhou, G., Mancini, L., Rabus, M., Suc, V., Henning, T., Schmidt, B., Noyes, R. W., Lázár, J., Papp, I., and Sári, P. (2016). HATS-18b: An Extreme Short-period Massive Transiting Planet Spinning Up Its Star. *AJ*, 152(5):127 – 2016AJ....152..127P
- Bours, M. C. P., Marsh, T. R., Parsons, S. G., Dhillon, V. S., Ashley, R. P., Bento, J. P., Breedt, E., Butterley, T., Caceres, C., Chote, P., Copperwheat, C. M., Hardy, L. K., Hermes, J. J., Irawati, P., Kerry, P., Kilkenny, D., Littlefair, S. P., McAllister, M. J., Rattanasoon, S., Sahman, D. I., Vučković, M., and Wilson, R. W. (2016). Long-term eclipse timing of white dwarf binaries: an observational hint of a magnetic mechanism at work. *MNRAS*, 460(4):3873–3887 – 2016MNRAS.460.3873B

13. Kjurkchieva, D., Khruzina, T., Dimitrov, D., Groebel, R., Ibryamov, S., and Nikolov, G. (2015). 2MASS J22560844+5954299: the newly discovered cataclysmic star with the deepest eclipse. *A&A*, 584:A40 – 2015A&A...584A..40K
цитирана от:

- Dai, Z., Szkody, P., Kennedy, M., Su, J., Indika Medagangoda, N., Robinson, E. L., Garnavich, P. M., and De Silva, L. M. M. (2018). A Phenomenological Model for the Light Curve of Three Quiescent Low-inclination Dwarf Novae and One Pre-cataclysmic Variable. *AJ*, 156(4):153 – 2018AJ....156..153D
- Kozhevnikov, V. P. (2018). Discovery of deep eclipses in the cataclysmic variable IPHAS J051814.33+294113.0. *Ap&SS*, 363(6):130 – 2018Ap&SS.363..130K
- Kjurkchieva, D. P., Popov, V. A., Vasileva, D. L., and Petrov, N. I. (2017). The newly discovered eclipsing cataclysmic star 2MASS J16211735 + 4412541 and its peculiarity. *New A*, 52:8–13 – 2017NewA...52....8K

14. Thuillot, W., Bancelin, D., Ivantsov, A., Desmars, J., Assafin, M., Eggl, S., Hestroffer, D., Rocher, P., Carry, B., David, P., Abe, L., Andreev, M., Arlot, J.-E., Asami, A., Ayvasian, V., Baransky, A., Belcheva, M., Bendjoya, P., Bikmaev, I., Burkhonov, O. A., Camci, U., Carbognani, A., Colas, F., Devyatkin, A. V., Ehgamberdiev, S. A., Enikova, P., Eyer, L., Galeev, A., Gerlach, E., Godunova, V., Golubaev, A. V., Gorshanov, D. L., Gumerov, R., Hashimoto, N., Helvaci, M., Ibryamov, S., Inasaridze, R. Y., Khamitov, I., Kostov, A., Kozhukhov, A. M., Kozyryev, Y., Krugly, Y. N., Kryuchkovskiy, V., Kulichenko, N., Maigurova, N., Manilla-Robles, A., Martyusheva, A. A., Molotov, I. E., Nikolov, G., Nikolov, P., Nishiyama, K., Okumura, S., Palaversa, L., Parmonov, O., Peng, Q. Y., Petrova, S. N., Pinigin, G. I., Pomazan, A., Rivet, J.-P., Sakamoto, T., Sakhibullin, N., Sergeev, O., Sergeyev, A. V., Shulga, O. V., Suarez, O., Sybiryakova, Y., Takahashi, N., Tarady, V., Todd, M., Urakawa, S., Uysal, O., Vaduvescu, O., Vovk, V., and Zhang, X.-L. (2015). The astrometric Gaia-FUN-SSO observation campaign of 99942 Apophis. *A&A*, 583:A59 – 2015A&A...583A..59T
цитирана от:
    - Banda-Huarca, M. V., Camargo, J. I. B., Desmars, J., Ogand o, R. L. C., Vieira-Martins, R., Assafin, M., da Costa, L. N., Bernstein, G. M., Carrasco Kind, M., Drlica-Wagner, A., Gomes, R., Gysi, M. M., Braga-Ribas, F., Maia, M. A. G., Gerdes, D. W., Hamilton, S., Wester, W., Abbott, T. M. C., Abdalla, F. B., Allam, S., Avila, S., Bertin, E., Brooks, D., Buckley-Geer, E., Burke, D. L., Carnero Rosell, A., Carretero, J., Cunha, C. E., Davis, C., De Vicente, J., Diehl, H. T., Doel, P., Fosalba, P., Frieman, J., García-Bellido, J., Gaztanaga, E., Gruen, D., Gruendl, R. A., Gschwend, J., Gutierrez, G., Hartley, W. G., Hollowood, D. L., Honscheid, K., James, D. J., Kuehn, K., Kuropatkin, N., Menanteau, F., Miller, C. J., Miquel, R., Plazas, A. A., Romer, A. K., Sanchez, E., Scarpine, V., Schubnell, M., Serrano, S., Sevilla-Noarbe, I., Smith, M., Soares-Santos, M., Sobreira, F., Suchyta, E., Swanson, M. E. C., Tarle, G., and DES Collaboration (2019). Astrometry and Occultation Predictions to Trans-Neptunian and Centaur Objects Observed within the Dark Energy Survey. *AJ*, 157(3):120 – 2019AJ....157..120B
    - Zhang, X. L., Yang, B., and Bai, J. M. (2018). Astrometry and Spectra Classification of Near Earth Asteroids with Lijiang 2.4m Telescope. In Recio-Blanco, A., de Laverny, P., Brown, A. G. A., and Prusti, T., editors, *Astrometry and Astrophysics in the Gaia Sky*, volume 330 of *IAU Symposium*, pages 413–414 – 2018IAUS..330..413Z
    - Yu, L.-L., Ji, J., and Ip, W.-H. (2017). Surface thermophysical properties on the potentially hazardous asteroid (99942) Apophis. *Research in Astronomy and Astrophysics*, 17(7):070 – 2017RAA....17...70Y
    - Shuvalov, V. V., Artemieva, N. A., Glazachev, D. O., Popova, O. P., and Svettsov, V. V. (2016). Numerical Model of an Apophis-Like Impact Against the Earth. In *79th Annual Meeting of the Meteoritical Society*, volume 79, page 6087 – 2016LPICo1921.6087S

15. Ovcharov, E., Nikolov, G., Kostov, A., Bozhilov, V., Minev, M., Valcheva, A., and Nedialkov, P. (2015a). H-alpha confirmation of novae in M31. *The Astronomer's Telegram*, 7921 – 2015ATel.7921....1O

16. Ovcharov, E., Nikolov, G., Kostov, A., Bozhilov, V., Nikolov, P., Latev, G., Nedialkov, P., and Valcheva, A. (2015b). BR and H-alpha photometry of a nova in M31 before maximum light. *The Astronomer's Telegram*, 7914 – 2015ATel.7914....1O
цитирана от:

    - Williams, S. C., Darnley, M. J., and Bode, M. F. (2015). Liverpool Telescope spectra of recent M31 nova candidates. *The Astronomer's Telegram*, 7958:1 – 2015ATel.7958....1W

17. Zamanov, R., Latev, G., Boeva, S., Sokoloski, J. L., Stoyanov, K., Bachev, R., Spassov, B., Nikolov, G., Golev, V., and Ibryamov, S. (2015). Optical flickering of the recurrent nova RS Ophiuchi: amplitude-flux relation. *MNRAS*, 450:3958–3965 – 2015MNRAS.450.3958Z
цитирана от:

    - Georgiev, T. B., Zamanov, R. K., Boeva, S., Latev, G., Spassov, B., Martí, J., Nikolov, G., Ibryamov, S., Tsvetkova, S. V., and Stoyanov, K. A. (2020). Intra-night flickering of RS Ophiuchi: II. Exponentially distributed quasi-period modes. *Bulgarian Astronomical Journal*, 32:35 – 2020BlgAJ..32...35G
    - Dobrotka, A., Negoro, H., and Mineshige, S. (2019). Similar shot profile morphology of fast variability in a cataclysmic variable, X-ray binary, and blazar: The MV Lyrae case. *A&A*, 631:A134 – 2019A&A...631A.134D
    - Pan, C. Y. and Dai, Z. B. (2019). Investigations on the Observations of Three Types of Periodic Oscillations in Cataclysmic Variables. *Acta Astronomica Sinica*, 60(4):35 – 2019AcASn..60...35P
    - Sekeráš, M., Skopal, A., Shugarov, S., Shagatova, N., Kundra, E., Komžík, R., Vrašťák, M., Peneva, S. P., Semkov, E., and Stubbings, R. (2019). Photometry of Symbiotic Stars - XIV. *Contributions of the Astronomical Observatory Skalnate Pleso*, 49(1):19–66 – 2019CoSka..49...19S
    - Cherepashchuk, A. M., Katysheva, N. A., Khruzina, T. S., Shugarov, S. Y., Tatarnikov, A. M., Burlak, M. A., and Shatsky, N. I. (2019). Optical and J, K-photometry of the quiescent black hole X-ray nova A0620-00 in the passive and active states. *MNRAS*, 483(1):1067–1079 – 2019MNRAS.483.1067C
    - Zamanov, R. K., Boeva, S., Latev, G. Y., Martí, J., Boneva, D., Spassov, B., Nikolov, Y., Bode, M. F., Tsvetkova, S. V., and Stoyanov, K. A. (2018). The recurrent nova RS Oph: simultaneous B- and V- band observationsof the flickering variability. *MNRAS*, 480(1):1363–1371 – 2018MNRAS.480.1363Z
    - Cherepashchuk, A. M., Katysheva, N. A., Khruzina, T. S., Shugarov, S. Y., Tatarnikov, A. M., Burlak, M. A., and Shatsky, N. I. (2017). Optical and J,K-photometry of black hole X-ray nova A0620-00 in passive and active stages of quiescence. *arXiv e-prints*, page arXiv:1711.05800 – 2017arXiv171105800C
    - Bachev, R., Popov, V., Strigachev, A., Semkov, E., Ibryamov, S., Spassov, B., Latev, G., Muñoz Dimitrova, R. V., and Boeva, S. (2017). Intra-night variability of the blazar CTA 102 during its 2012 and 2016 giant outbursts. *MNRAS*, 471(2):2216–2223 – 2017MNRAS.471.2216B
    - Dobrotka, A., Antonuccio-Delogu, V., and Bajčičáková, I. (2017a). New structures of power density spectra for four Kepler active galactic nuclei. *MNRAS*, 470(2):2439–2448 – 2017MNRAS.470.2439D

- Dobrotka, A., Ness, J. U., Mineshige, S., and Nucita, A. A. (2017b). XMM-Newton observation of MV Lyr and the sandwiched model confirmation. *MNRAS*, 468(1):1183–1197 – 2017MNRAS.468.1183D
- Latev, G. (2017). Determination of the physical parameters of the sources of fast variability in selected cataclysmic and symbiotic stars. *Bulgarian Astronomical Journal*, 26:112 – 2017BlgAJ..26..112L
- Lee, Y.-M., Lee, D.-S., Chang, S.-J., Heo, J.-E., Lee, H.-W., Hwang, N., Park, B.-G., and Lee, H.-G. (2016). A Monte Carlo Study of Flux Ratios of Raman Scattered O VI Features at 6825 and 7082 Å in Symbiotic Stars. *ApJ*, 833(1):75 – 2016ApJ...833...75L
- Iłkiewicz, K., Mikołajewska, J., Stoyanov, K., Manousakis, A., and Miszalski, B. (2016). Active phases and flickering of a symbiotic recurrent nova T CrB. *MNRAS*, 462(3):2695–2705 – 2016MNRAS.462.2695I
- Shugarov, S., Katysheva, N., Chochol, D., Gladilina, N., Kalinicheva, E., and Dodin, A. (2016). Recent changes in a flickering variability of the black hole X-ray transient V616 Mon=A0620-00. *Contributions of the Astronomical Observatory Skalnate Pleso*, 46(1):5–14 – 2016CoSka..46....5S
- Dobrotka, A., Ness, J. U., and Bajčičáková, I. (2016). Fast stochastic variability study of two SU UMa systems V1504 Cyg and V344 Lyr observed by Kepler satellite. *MNRAS*, 460(1):458–466 – 2016MNRAS.460..458D
- Zamanov, R. K., Boeva, S., Latev, G., Sokoloski, J. L., Stoyanov, K. A., Genkov, V., Tsvetkova, S. V., Tomov, T., Antov, A., and Bode, M. F. (2016). Flickering of accreting white dwarfs: the remarkable amplitude-flux relation and disc viscosity. *MNRAS*, 457(1):L10–L13 – 2016MNRAS.457L..10Z

18. Stoyanov, K., Latev, G., Nikolov, G., Zamanov, R., and Sokoloski, J. L. (2014). Reappearance of the optical flickering from the symbiotic star CH Cyg. *The Astronomer's Telegram*, 6560 – 2014ATel.6560....1S
цитирана от:

- Stoyanov, K. A., Martí, J., Zamanov, R., Dimitrov, V. V., Kurtenkov, A., Sánchez-Ayaso, E., Bujalance-Fernández, I., Latev, G. Y., and Nikolov, G. (2018). Optical flickering of the symbiotic star CH Cyg. *Bulgarian Astronomical Journal*, 28:42 – 2018BlgAJ..28...42S
- Kondratyeva, L. N., Rspaev, F. K., Krugov, M. A., and Serebryanskiy, A. V. (2017). Active Stage of the Object CH Cyg B in 2014-2015. *Astrophysics*, 60(2):153–164 – 2017Ap.....60..153K
- Shugarov, S., Katysheva, N., Chochol, D., Gladilina, N., Kalinicheva, E., and Dodin, A. (2016). Recent changes in a flickering variability of the black hole X-ray transient V616 Mon=A0620-00. *Contributions of the Astronomical Observatory Skalnate Pleso*, 46(1):5–14 – 2016CoSka..46....5S
- Shugarov, S., Skopal, A., Sekeráš, M., Komissarova, G., and Wolf, M. (2015). Rapid Photometric Variability Of The Symbiotic System CH Cyg During 2008-15. In *EAS Publications Series*, volume 71-72 of *EAS Publications Series*, pages 107–108 – 2015EAS....71..107S

19. Kurtenkov, A., Ovcharov, E. P., and Nikolov, G. (2014). Rotation Periods of 3618 Kuprin and 3896 Pordenone. *Minor Planet Bulletin*, 41:112–113 – 2014MPBu...41..112K

20. Bozhilov, V., Ovcharov, E., and Nikolov, G. (2014). Optical photopolarimetry of blazar OJ287. *MNRAS*, 439:639–643 – 2014MNRAS.439..639B

21. Bonev, T., Tomov, T., Swierczynski, E., Iliev, I., Dimitrov, D., Markov, H., Stoyanov, K., Belcheva, M., Nikolov, G., Nikolov, P., Chanliev, D., Churalski, M., Nikolov, Y., Kurtenkov, A., Stateva, I., Petrov, N., Dimitrov, W., Musaev, F., Tsvetanov, Z., Miloushev, I., and Tenev, T. (2014). Optical spectroscopy and photometry of SN2014J in M82. *The Astronomer's Telegram*, 5829 – 2014ATel.5829....1B
цитирана от:

    - Bonev, T., Markov, H., Tomov, T., Bogdanovski, R., Markishki, P., Belcheva, M., Dimitrov, W., Kamiński, K., Milushev, I., Musaev, F., Napetova, M., Nikolov, G., Nikolov, P., and Tenev, T. (2017). ESpeRo: Echelle Spectrograph Rozhen. *Bulgarian Astronomical Journal*, 26:67 – 2017BlgAJ..26...67B
    - Galbany, L., Moreno-Raya, M. E., Ruiz-Lapuente, P., González Hernández, J. I., Méndez, J., Vallely, P., Baron, E., Domínguez, I., Hamuy, M., López-Sánchez, A. R., Mollá, M., Catalán, S., Cooke, E. A., Fariña, C., Génova-Santos, R., Karjalainen, R., Lietzen, H., McCormac, J., Riddick, F. C., Rubiño-Martín, J. A., Skillen, I., Tudor, V., and Vaduvescu, O. (2016). SN 2014J at M82 - I. A middle-class Type Ia supernova by all spectroscopic metrics. *MNRAS*, 457(1):525–537 – 2016MNRAS.457..525G

22. Ovcharov, E., Enikova, P., Kurtenkov, A., Nikolov, G., Trifonov, T., Bozhilov, V., Ganchev, G., Tsvetkov, T., Genkova, T., Valcheva, A., and Nedialkov, P. (2013a). Probable nova and R-band photometry of another four novae in M31. *The Astronomer's Telegram*, 5569 – 2013ATel.5569....1O
цитирана от:

    - Williams, S. C., Hornoch, K., Henze, M., and Darnley, M. J. (2016). Spectroscopy and photometry of MASTER OT J004126.22+414350.0 in the Andromeda direction. *The Astronomer's Telegram*, 9554:1 – 2016ATel.9554....1W
    - Ovcharov, E. P., Kurtenkov, A., Metodieva, Y., Dimitrov, A., Enikova, P., Bozhilov, V., Stanev, I., Nikolov, P., Nikolov, Y., Markishki, P., Gantchev, G., Trifonov, T., Nedialkov, P., and Stanchev, O. (2014). Plana Student Astronomical Observatory: First results and perspectives. *Bulgarian Astronomical Journal*, 21:19 – 2014BlgAJ..21...19O

23. Ovcharov, E., Kurtenkov, A., Nikolov, G., Belcheva, M., Trifonov, T., Valcheva, A., and Nedialkov, P. (2013b). Prediscovery of a nova and BVR photometry of three other novae in M31. *The Astronomer's Telegram*, 5475 – 2013ATel.5475....1O

24. Nikolov, G. B., Kontizas, M., Dapergolas, A., Belcheva, M. K., Golev, V. K., and Ioannis Bellas-Velidis, I. (2013). Distribution of stars in three Magellanic Clouds star clusters NGC 1754, NGC 2005, NGC 2019. *Bulgarian Astronomical Journal*, 19:9 – 2013BlgAJ..19....9N

25. Nikolov, G. B., Kontizas, M., Dapergolas, A., Belcheva, M. K., Golev, V., and Bellas-Velidis, I. (2012). Indication of Mass Segregation in LMC Star Clusters. *Astrophysics and Space Science Proceedings*, 29:227 – 2012ASSP...29..227N

26. Belcheva, M. K., Livanou, E., Kontizas, M., Nikolov, G. B., and Kontizas, E. (2012). Spatial Distribution of Stellar Components in the Magellanic Clouds. *Astrophysics and Space Science Proceedings*, 28:123 – 2012ASSP...28..123B

27. Belcheva, M. K., Livanou, E., Kontizas, M., Nikolov, G. B., and Kontizas, E. (2011). Spatial distribution of stellar populations in the Magellanic Clouds: implementation to Gaia. *A&A*, 527:A31 – 2011A&A...527A..31B
цитирана от:

    - Wan, Z., Guglielmo, M., Lewis, G. F., Mackey, D., and Ibata, R. A. (2020). A SkyMapper view of the Large Magellanic Cloud: the dynamics of stellar populations. *MNRAS*, 492(1):782–795 – 2020MNRAS.492..782W
    - El Youssoufi, D., Cioni, M.-R. L., Bell, C. P. M., Rubele, S., Bekki, K., de Grijs, R., Girardi, L., Ivanov, V. D., Matijevic, G., Niederhofer, F., Oliveira, J. M., Ripepi, V., Subramanian, S., and van Loon, J. T. (2019). The VMC survey - XXXIV. Morphology of stellar populations in the Magellanic Clouds. *MNRAS*, 490(1):1076–1093 – 2019MNRAS.490.1076E
    - Dobbie, P. D., Cole, A. A., Subramaniam, A., and Keller, S. (2014). Red giants in the Small Magellanic Cloud - I. Disc and tidal stream kinematics. *MNRAS*, 442(2):1663–1679 – 2014MNRAS.442.1663D
    - Drazinos, P., Kontizas, E., Kontizas, M., Karampelas, A., Dapergolas, A., Bellas-Velidis, I., and Livanou, E. (2014). Star forming regions in nearby galaxies: a potential application for Gaia's observations . *Mem. Soc. Astron. Italiana*, 85:585 – 2014MmSAI..85..585D
    - Leaman, R., Venn, K. A., Brooks, A. M., Battaglia, G., Cole, A. A., Ibata, R. A., Irwin, M. J., McConnachie, A. W., Mendel, J. T., Starkenburg, E., and Tolstoy, E. (2013). The Comparative Chemical Evolution of an Isolated Dwarf Galaxy: A VLT and Keck Spectroscopic Survey of WLM. *ApJ*, 767(2):131 – 2013ApJ...767..131L

28. Nikolov, G., Dapergolas, A., Kontizas, M., and Golev, V. (2010a). Indication of Stellar Stratification in Star Clusters in the Magellanic Clouds. *Publications de l'Observatoire Astronomique de Beograd*, 90:73–76 – 2010POBeo..90...73N

29. Belcheva, M., Kontizas, M., Livanou, E., Kontizas, E., and Nikolov, G. (2010). Modeling the Distribution of Various Objects in the Magellanic Clouds for Gaia. In Tsinganos, K., Hatzidimitriou, D., and Matsakos, T., editors, *9th International Conference of the Hellenic Astronomical Society*, volume 424 of *Astronomical Society of the Pacific Conference Series*, page 244 – 2010ASPC..424..244B

30. Nikolov, G., Dapergolas, A., Kontizas, M., Golev, V., and Belcheva, M. (2010c). Density Profiles of Star Clusters in the Magellanic Clouds. In Tsinganos, K., Hatzidimitriou, D., and Matsakos, T., editors, *9th International Conference of the Hellenic Astronomical Society*, volume 424 of *Astronomical Society of the Pacific Conference Series*, page 236 – 2010ASPC..424..236N

31. Nikolov, G., Dapergolas, A., Kontizas, M., Golev, V., and Belcheva, M. (2010b). Density profiles of populous star clusters in the Magellanic Clouds. *Bulgarian Astronomical Journal*, 14:43 – 2010BlgAJ..14...43N

32. Nikolov, G., Kontizas, M., Dapergolas, A., Kontizas, E., Golev, V., and Bellas-Velidis, I. (2009). The distortions in the density profiles of star clusters in the Magellanic Clouds. *Publications of the Astronomical Society "Rudjer Boskovic"*, 9:363–368 – 2009PASRB...9..363N

33. Nikolov, G., Atanasova, E., Iliev, I. K., Paunzen, E., and Barzova, I. S. (2008). Spectroscopic orbit determination of two metal-weak dwarf stars: HD64491 and HD141851. *Contributions of the Astronomical Observatory Skalnate Pleso*, 38:433–434 – 2008CoSka..38..433N