

## Ohlasy / Citations, reviews

Institute: SAVASTRO - Astronomický ústav SAV

Date of citation, review: 2015~2020

### Citations, reviews

Citations in Web of Science Core Collection (1.1, 2.1)	3564
Citations in SCOPUS (1.2, 2.2)	294
Citations in other citation indexes and databases (not listed above) (3.2, 4.2)	885
Other citations (not listed above) (3.1, 4.1)	72
Reviews (5, 6)	0
<b>Count</b>	<b>4815</b>

### AAA Scientific monographs published abroad

AAA01 CARUSI, Andrea - KRESÁK, Ľubor - PEROZZI, Ettore - VALSECCHI, Giovanni B. *Long-Term Evolution of Short-Period Comets*. Bristol : Adam Hilger Ltd., 1985. 272 p.

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- [3.2] DONES, L. - BRASSER, R. - KAIB, N. - RICKMAN, H. Origin and evolution of the cometary reservoirs. In SPACE SCIENCE REVIEWS, 2015, vol. 197, no. 1-4, p. 191-269., Registrované v: NASA ADS
- [3.2] GRONOFF, G. - MAGGIOLO, R. - CESSATEUR, G. - MOORE, W. B. - AIRAPETIAN, V. - DE KEYSER, J. - DHOOGFE, F. - GIBBONS, A. - GUNELL, H. - MERTENS, C. J. - RUBIN, M. - HOSSEINI, S. The effect of cosmic rays on cometary nuclei. I. Dose deposition. In ASTROPHYSICAL JOURNAL. ISSN 0004-637X, 2020, vol. 890, no. 1, article no. 89, p. 1-8., Registrované v: NASA ADS
- [3.2] GUZZO, M. - LEGA, E. A study of the past dynamics of comet 67P/Churyumov-Gerasimenko with fast Lyapunov indicators. In ASTRONOMY AND ASTROPHYSICS, 2015, vol. 579, article no. A79, p. 1-7., Registrované v: NASA ADS
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- [3.2] RUBIN, M. - ALTWEGG, K. - VAN DISHOECK, E. F. - SCHWEHM, G. Molecular oxygen in Oort Cloud comet 1P/Halley. In ASTROPHYSICAL JOURNAL LETTERS, 2015, vol. 815, no. 1, article no. L11, p. 1-5., Registrované v: NASA ADS

### ABA Monographic studies in journals and proceedings published abroad

ABA01 BUDAJ, Ján\*\* - KABÁTH, Petr - PALLÉ, Enric. Extrasolar enigmas: From disintegrating exoplanets to exoasteroids. In *Reviews in Frontiers of Modern Astrophysics : From Space Debris to Cosmology*. - Cham : Springer Nature Switzerland AG, 2020, p. 45-78. ISBN 978-3-030-38508-8.

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1. [3.2] SIRAJ, Amir - LOEB, Abraham. Risks for life on proxima b from sterilizing impacts. In *THE PLANETARY SCIENCE JOURNAL*. ISSN 2632-3338, 2020, vol. 1, no. 3, article no. 86, p. 1-4., Registrované v: NASA ADS
2. [3.2] ZHANG, Xi. Atmospheric regimes and trends on exoplanets and brown dwarfs. In *RESEARCH IN ASTRONOMY AND ASTROPHYSICS*. ISSN 1674-4527, 2020, vol. 20, no. 7, article no. 99, p. 1-92., Registrované v: NASA ADS

### **ABC Chapters in scientific monographs published abroad**

ABC01 HAJDUKOVÁ, Mária, Jr. - STERKEN, Veerle - WIEGERT, Paul. Interstellar meteoroids. In *Meteoroids : Sources of Meteors on Earth and Beyond*. - Cambridge : Cambridge University Press, 2019, p. 235-252. ISBN 978-1-108-42671-8.

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1. [3.2] ASHER, D. - CAMPBELL-BROWN, M. - RYABOVA, G. Introduction: Meteor astronomy in the twenty-first century. In RYABOVA, G. O. - ASHER, D. J. - CAMPBELL-BROWN, M. D., eds. *METEORIDS: SOURCES OF METEORS ON EARTH AND BEYOND*. Cambridge: Cambridge University Press, 2019, p. 1-5. ISBN 978-1-108-42671-8., Registrované v: NASA ADS
2. [3.2] KERO, J. - CAMPBELL-BROWN, M. D. - STOBER, G. - CHAU, J. L. - MATHEWS, J. D. - PELLINEN-WANNBERG, A. Radar observations of meteors. In RYABOVA, G. O. - ASHER, D. J. - CAMPBELL-BROWN, M. D., eds. *METEORIDS: SOURCES OF METEORS ON EARTH AND BEYOND*. Cambridge: Cambridge University Press, 2019, p. 65-89. ISBN 978-1-108-42671-8., Registrované v: NASA ADS
3. [3.2] VAUBAILLON, J. - NESLUSAN, L. - SEKHAR, A. - RUDAWSKA, R. - RYABOVA, G. O. From parent body to meteor shower: The dynamics of meteoroid streams. In RYABOVA, G. O. - ASHER, D. J. - CAMPBELL-BROWN, M. D., eds. *METEORIDS: SOURCES OF METEORS ON EARTH AND BEYOND*. Cambridge: Cambridge University Press, 2019, p. 161-186. ISBN 978-1-108-42671-8., Registrované v: NASA ADS

ABC02 MEECH, Karen J. - SVOREŇ, Ján. Using cometary activity to trace the physical and chemical evolution of cometary nuclei. In *Comets II*. - Tucson : University of Arizona Press, 2005, p. 317-335. ISBN 0-8165-2450-5.

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1. [1.1] IVANOVA, O.V. - DLUGACH, J.M. - AFANASIEV, V.L. - RESHETNYK, V.M. - KORSUN, P.P. CCD polarimetry of distant comets C/2010 S1 (LINEAR) and C/2010 R1 (LINEAR) at the 6-m telescope of the SAO RAS. In *PLANETARY AND SPACE SCIENCE*, 2015, vol. 118, p. 199-210., Registrované v: WOS
2. [1.1] KRETKE, K.A. - LEVINSON, H.F. Evidence for pebbles in comets. In *ICARUS*, 2015, vol. 262, p. 9-13., Registrované v: WOS
3. [1.1] RAOUAFI, N.E. - LISSE, C.M. - STENBORG, G. - JONES,

- G.H. - SCHMIDT, C.A. Dynamics of HVEC's emitted from comet C/2011L4 as observed by STEREO. In JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS, 2015, vol. 120, no. 7, p. 5329-5340., Registrované v: WOS
4. [1.1] STEVENSON, R. - BAUER, J.M. - CUTRI, R.M. - MAINZER, A.K. - MASCI, F.J. NEOWISE observations of comet C/2013 A1 (Siding Spring) as it approaches Mars. In ASTROPHYSICAL JOURNAL LETTERS, 2015, vol. 798, no. 2, article no. L31, p. 1-4., Registrované v: WOS
5. [3.1] BETZLER, A. S. - DE SOUSA, O. F. - DIEPVENS, A. - BETTIO, T. M. BVR photometry of comets 63P/Wild 1 and C/2012 K1 (PANSTARRS). In ASTROPHYSICS AND SPACE SCIENCE. ISSN 0004-640X, 2020, vol. 365, no. 6, article no. 102, p. 1-20.
6. [3.1] BETZLER, A. S. - DE SOUSA, O. F. BVR broadband photometry of comets 1P/Halley and 4P/Faye. In NEW ASTRONOMY. ISSN 1384-1076, 2020, vol.75, article no. 101320, p. 1-10.
7. [3.1] BOLIN, Bryce T. - LISSE, Carey M. - KASLIWAL, Mansi M. - QUIMBY, Robert - TAN, Hanjie - COPPERWHEAT, Chris M. - LIN, Zhong-Yi - MORBIDELLI, Alessandro - ABE, Lyu - BENDJOYA, Philippe - BURDGE, Kevin B. - COUGHLIN, Michael - FREMLING, Christoffer - ITOH, Ryosuke - KOSS, Michael - MASCI, Frank J. - MAENO, Syota - MAMAJEK, Eric E. - MAROCCO, Federico - MURATA, Katsuhiko - RIVET, Jean-Pierre - SITKO, Michael L. - STERN, Daniel - VERNET, David- WALTERS, Richard - YAN, Lin - ANDREONI, Igor - BHALERAO, Varun - BODEWITS, Dennis - DE, Kishalay - DESHMUKH, Kunal P. - BELLM, Eric C. - BLAGORODNOVA, Nadejda - BUZASI, Derek - CENKO, S. Bradley - CHANG, Chan-Kao - CHOJNOWSKI, Drew - DEKANY, Richard - DUEV, Dmitry A. - GRAHAM, Matthew - JURIC, Mario - KULKARNI, Shrinivas R. - KUPFER, Thomas - MAHABAL, Ashish - NEILL, James D. - NGEOW, Chow-Choong - PENPRASE, Bryan - RIDDLE, Reed - RODRIGUEZ, Hector - SMITH, Roger M. - ROSNET, Philippe - SOLLERMAN, Jesper - SOUMAGNAC, Maayane T. Characterization of the nucleus, morphology, and activity of interstellar comet 2I/Borisov by optical and near-infrared GROWTH, Apache Point, IRTF, ZTF, and Keck observations. In ASTRONOMICAL JOURNAL. ISSN 0004-6256, 2020, vol. 160, no. 1, article no. 26, p. 1-16.
8. [3.1] GARCIA, R. S. - GIL-HUTTON, R. - GARCIA-MIGANI, E. Observational results for five short-period and five long-period comets. In PLANETARY AND SPACE SCIENCE. ISSN 0032-0633, 2020, vol. 180, article no. 104779, p. 1-8.
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11. [3.1] IVANOVA, O. V. - PICAZZIO, E. - LUKYANYK, I. V. - CAVICCHIA, O. - ANDRIEVSKY, S. M. Spectroscopic observations of the comet 29P/Schwassmann-Wachmann 1 at the SOAR telescope. In PLANETARY AND SPACE SCIENCE. ISSN 0032-0633, 2018, vol. 157, p. 34-38.

12. [3.1] JUTZI, M. - BENZ, W. Formation of bi-lobed shapes by sub-catastrophic collisions. A late origin of comet 67P's structure. In ASTRONOMY AND ASTROPHYSICS. ISSN 0004-6361, 2017, vol. 597, article no. A62, p. 1-10.

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15. [3.1] McKAY, A. J. - KELLEY, M. S. P. - COCHRAN, A. L. - BODEWITS, D. - DiSANTI, M. A. - DELLO RUSSO, N. - LISSE, C. M. The CO<sub>2</sub> abundance in comets C/2012 K1 (PanSTARRS), C/2012 K5 (LINEAR), and 290P/Jager as measured with Spitzer. In ICARUS, 2016, vol. 266, p. 249-260.

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19. [3.1] STROM, Paul A. - BODEWITS, Dennis - KNIGHT, Matthew M. - KIEFER, Flavien - JONES, Geraint H. - KRAL, Quentin - MATRA, Luca - BODMAN, Eva - CAPRIA, Maria Teresa - CLEEVES, Ilse - FITZSIMONS, Alan - HAGHIGHIPOUR, Nader - HARRISON, John H. D. - IGLESIAS, Daniela - KAMA, Mihkel - LINNARTZ, Harold - MAJUMDAR, Liton - DE MOOIJ, Ernst J. W. - MILAM, Stefanie N. - OPITOM, Cyrielle - REBOLLIDO, Isabel - ROGERS, Laura K. - SNODGRASS, Colin - SOUSA-SILVA, Clara - XU Siyi - LIN, Zhong-Yi - ZIEBA, Sebastian Exocomets from a solar system perspective. In PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC. ISSN 0004-6280, 2020, vol. 132, no. 1016, article no. 101001, p. 1-19.

20. [3.1] WIERZCHOS, K. - WOMACK, M. CO gas and dust outbursts

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21. [3.2] BODEWITS, D. - NOONAN, J. W. - FELDMAN, P. D. - BANNISTER, M. T. - FARNOCCHIA, D. - HARRIS, W. M. - LI, J. -Y. - MANDT, K. E. - PARKER, J. W. - XING, Z. -X. The carbon monoxide-rich interstellar comet 2I/Borisov. In *NATURE ASTRONOMY*. ISSN 2397-3366, 2020, vol. 4, p. 867-871., Registrované v: NASA ADS

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23. [3.2] GARROD, R. T. Simulations of ice chemistry in cometary nuclei. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, 2019, vol. 884, no. 1, article no. 69, p. 1-32., Registrované v: NASA ADS

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27. [3.2] GUILBERT-LEPOUTRE, A. - BESSE, S. - MOUSIS, O. - ALI-DIB, M. - HOFNER, S. - KOSCHNY, D. - HAGER, P. On the evolution of comets. In SPACE SCIENCE REVIEWS, 2015, vol. 197, no. 1-4, p. 271-296.,  
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