

### Príloha č. 3

#### 3.2. Vedecký výstup – citácie

AMBROŽ, Pavel - SÝKORA, Július. Calculated coronal magnetic fields and their comparison with the coronal structures as observed during five solar eclipses. In *Solar Coronal Structures*. - Bratislava: Veda, 1994. ISBN 80-224-0090-4, 1994, p.559-564.

##### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] SAEZ, F. - LLEBARIA, A. - LAMY, P. - VIBERT, D. Three dimensional reconstruction of the streamer belt and other large-scale structures of the solar corona. I. Method. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 473, no. 1, p. 265-277., NASA ADS

ANTALOVÁ, Anna. Daily soft X-ray flare index (1969-1972). In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1996, vol. 26, p. 98-120.

##### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] CUI, Y. - LI, R. - WANG, H. - HE, H. Correlation between solar flare productivity and photospheric magnetic field properties II. magnetic gradient and magnetic shear. In *SOLAR PHYSICS*. ISSN 0038-0938, 2007, vol. 242, no. 1-2, p. 1-8., NASA ADS

ANTALOVÁ, Anna - GNEVYSHEV, Mstislav Nikolaevich. Latitudinal distribution of spot areas during the period 1874-1976. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1983, vol.11, p.63-93.

##### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] KANE, R.P. Latitude dependence of the "Gnevyshev" peaks and gaps. In *SOLAR PHYSICS*. ISSN 0038-0938, 2007, vol. 245, no. 2, p. 415-421., NASA ADS

ANTOKHINA, Eleonora A. - KREINER, Jerzy - TREMKO, Jozef - CHEREPASHCHUK, Anatoly M. Period change of the eclipsing binary CQ Cep. In *Soviet Astronomy Letters*. ISSN 0360-0327, 1987, vol.13, p.417-422.

##### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] MALKOV, O.YU. - OBLAK, E. - AVVAKUMOVA, E.A. - TORRA, J. A procedure for the classification of eclipsing binaries. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 465, no. 2, p. 549-556., NASA ADS

ATAÇ, Tamer - ÖZGÜÇ, Atila - RYBÁK, Ján. Overview of the flare index during the maximum phase of the solar cycle 23. In *Advances in Space Research*. ISSN 0273-1177, 2005, vol. 35, p. 400-405. (0.774 - IF2007).

##### **Citácie registrované v indexoch WOS: 1**

1. [1.1] SEN, A.K. Multifractality as a measure of complexity in solar flare activity. In *SOLAR PHYSICS*. ISSN 0038-0938, 2007, vol. 241, no. 1, p. 67-76., WOS

ATAÇ, Tamer - ÖZGÜÇ, Atila - RYBÁK, Ján. Periodicities in irradiance and in other solar activity indices during cycle 23. In *Solar Physics*. ISSN 0038-0938, 2006, vol. 237, p. 433-444. (2.479 - IF2007).

##### **Citácie registrované v indexoch WOS: 1**

1. [1.1] YIN, Z.Q. - HAN, Y.B. - MA, L.H. - LE, G.M. - HAN, Y.G. Short-term period variation of relative sunspot numbers. In *CHINESE JOURNAL OF ASTRONOMY AND ASTROPHYSICS*. ISSN 1009-9271, 2007, vol. 7, no. 6, p. 823-830., WOS

AWADALLA, Nabil - CHOCHOL, Drahomír - PRIBULLA, Theodor - HANNA, Magdy. Orbital period study of AK Her. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2004, vol. 34, no. 1, p.20-32.

**Citácie registrované v iných citačných indexoch a databázach: 2**

1. [9] QIAN, S.B. - YUAN, J.Z. - SOONTHORNTHUM, B. - ZHU, L.Y. - HE, J.J. - YANG, Y.G. AD Cancri: A shallow contact solar-type eclipsing binary and evidence for a dwarf third component and a 16 year magnetic cycle. In *THE ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, 2007, vol. 671, no. 1, p. 811-820., NASA ADS
2. [9] QIAN, S.B. - YUAN, J.Z. - XIANG, F.Y. - SOONTHORNTHUM, B. - ZHU, L.Y. - HE, J.J. Ternarity, activity, and evolutionary state of the W UMa-type binary UX Eridani. In *THE ASTRONOMICAL JOURNAL*. ISSN 0004-6256, 2007, vol. 134, no. 5, p. 1769-1776., NASA ADS

BADALYAN, Olga G. - OBRIDKO, Vladimir N. - RYBÁK, Ján - SÝKORA, Július. Quasiannual oscillations of the north-south asymmetry. In *Astronomy Reports*. ISSN 1063-7729, 2005, vol. 49, no. 8, p. 659-670. (0.742 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] IVANOV, E.V. Active longitudes: Structure, dynamics, and rotation. In *ADVANCES IN SPACE RESEARCH*. ISSN 0273-1177, 2007, vol. 40, no. 7, p. 959-969., WOS

BADALYAN, Olga G. - OBRIDKO, Vladimir N. - SÝKORA, Július. Brightness of the coronal green line and prediction for activity cycles 23 and 24. In *Solar Physics*. ISSN 0038-0938, 2001, vol. 199, p. 421-435. (2.479 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] KANE, R.P. A preliminary estimate of the size of the coming solar cycle 24, based on Ohl's precursor method. In *SOLAR PHYSICS*. ISSN 0038-0938, JUL 2007, vol. 243, no. 2, p. 205-217., WOS

BAGGALEY, Jack W. - NESLUŠAN, Luboš. A model of the heliocentric orbits of a stream of Earth-impacting interstellar meteoroids. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2002, vol.382, p.1118-1124. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] KRUGER, H. - LANDGRAF, M. - ALTOBELLI, N. - GRUN, E. Interstellar dust in the solar system. In *SPACE SCIENCE REVIEWS*. ISSN 0038-6308, 2007, vol. 130, p. 401-408., WOS

BAKOS, Gustav A. - TREMKO, Jozef. The eclipsing binary EM Cephei. In *Journal of the Royal Astronomical Society of Canada*. ISSN 0035-872X, 1975, vol.69, p.307-315.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] BAKIS, H. - BAKIS, V. - DEMICRAN, O. - BUDDING, E. - TANRIVER, M. On the light curve variation of the Be star EM Cep. In *ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES*. ISBN 978-1-58381-238-9, 2007, vol. 370, p. 225-230., NASA ADS

BAKOS, Gustav A. - TREMKO, Jozef. Light curve of the ellipsoidal variable HD 1826. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1989, vol.18, p.17-21.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] DEBOSSCHER, J. - SARRO, L.M. - AERTS, C. - CUYPERS, J. -

VANDENBUSSCHE, B. - GARRIDO, R. - SOLANO, E. Automated supervised classification of variable stars. I. Methodology. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 475, no. 3, p. 1159-1183., NASA ADS

BELIK, Marcel - MARKOVÁ, Eva - RUŠIN, Vojtech - MINAROVJECH, Milan. Time-latitude development of the white-light coronal structures over a solar cycle. In *Solar Physics*. ISSN 0038-0938, 2004, vol. 224, p.269-275. (2.479 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] MORGAN, H. - HABBAL, S.R. An empirical 3D model of the large-scale coronal structure based on the distribution of H alpha filaments on the solar disk. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, MAR 2007, vol. 464, no. 1, p. 357-365., WOS

BELYAEV, Nikolaj A. - KRESÁK, Ľubor - PITTICH, Eduard - PUSHKAREV, Alexander N. Catalogue of short period comets. Veda, Bratislava, 1986, p.1-408.

**Citácie registrované v iných citačných indexoch a databázach: 4**

1. [9] CORADINI, A. - CAPACCIONI, F. - DROSSART, P. - ARNOLD, G. - AMMANNITO, E. - ANGRILLI, F. - BARUCCI, A. - BELLUCCI, G. - BENKHOFF, J. - BIANCHINI, G. - BIBRING, J. P. - BLECKA, M. - BOCKELEEE-MORVAN, D. - CAPRIA, M.T. - CARLSON, R. - CARSENTY, U. - CERRONI, P. - COLANGELI, L. - COMBES, M. - COMBI, M. - CROVISIER, J. - DESANCTIS, M.C. - ENCRENAZ, E.T. - ERARD, S. - FEDERICO, C. - FILACCHIONE, G. - FINK, U. - FONTI, S. - FORMISANO, V. - IP, W.H. - JAUMANN, R. - KUEHRT, E. - LANGEVIN, Y. - MAGNI, G. - MCCORD, T. - MENNELLA, V. - MOTTOLA, S. - NEUKUM, G. - PALUMBO, P. - PICCIONI, G. - RAUER, H. - SAGGIN, B. - SCHMITT, B. - TIPHENE, D. - TOZZI, G. Virtis: An Imaging Spectrometer for the Rosetta Mission. In *SPACE SCIENCE REVIEWS*. ISSN 0038-6308, 2007, vol. 128, p. 529-559., NASA ADS
2. [9] FUSE, T. - YAMAMOTO, N. - KINOSHITA, D. - FURUSAWA, H. - WATANABE, J-I. Observations of Fragments Split from Nucleus B of Comet 73P/Schwassmann-Wachmann 3 with Subaru Telescope. In *PUBL. ASTRON. SOC. JAPAN*. ISSN 0004-6264, 2007, vol.59, p. 381-386., NASA ADS
3. [9] GLASSMAIER, K-H. - BOEHNHARDT, H. - KOSCHNY, D. - KUHRT, E. - RICHTER, I. The Rosetta Mission: Flying Towards the Origin of the Solar System . In *SPACE SCIENCE REVIEWS*. ISSN 0038-6308, 2007, vol. 128, p. 1-21., NASA ADS
4. [9] LAMY, P.L. - TOTH, I. - DAVIDSSON, B.J. R. - GROUSSIN, O. - GUTIÉRREZ, P. - JORDA, L. - KAASALAINEN, M. - LOWRY, S.C. A Portrait of the Nucleus of Comet 67P/Churyumov-Gerasimenko. In *SPACE SCIENCE REVIEWS*. ISSN 0038-6308, 2007, vol. 128, p. 23-66., NASA ADS

BELYAKINA, Tamara S. - BONDAR, Natalia I. - CHOCHOL, Drahomír - CHUVAEV, Konstantin K. - EFIMOV, Yuriy S. - GERSHBERG, Romuald E. - GRYGAR, Jiří - HRIC, Ladislav - KRASNOBAPTSEV, V.I. - PETROV, Peter P. - PIIROLA, Vilppu - SAVANOV, Igor S. - SHAKHOVSKAYA, Nadejda I. - SHAKHOVSKOY, Nikolaj M. - SHENAVRIN, Viktor I. Kuwano-Honda peculiar object (PU Vul). In *Astronomy and Astrophysics*. ISSN 0004-6361, 1984, vol.132, p.L12-L14. (4.259 - IF 2007).

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] YOO, K.H. Nebular spectrum of PU Vul in 2004. In *JOURNAL OF THE KOREAN ASTRONOMICAL SOCIETY*. ISSN 1225-4614, 2007, vol. 40, no. 2, p. 39-47., NASA ADS

BELYAKINA, Tamara S. - BONDAR, Natalya I. - CHOCHOL, Drahomír - CHUVAEV, Konstantin K. - EFIMOV, Yuriy S. - GERSHBERG, Romuald E. - GRYGAR, Jiří - HRIC, Ladislav - KRASNOBAPTSEV, V.I. - PIROLA, Vilppu - POUTANEN, Markku - SAVANOV, Igor S. - HOVELIN, Juhani - TUOMINEN, Iikka - SHAKHOVSKAYA, Nadejda I. - SHAKHOVSKOY, Nikolaj M. - SHENAVRIN, Viktor I. - SHCHERBAKOV, Aleksander G. The Kuwano-Honda's peculiar object (PU Vulpeculae) in 1983 - 1986. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1989, vol.223, p.119-135. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] YOO, K.H. Nebular spectrum of PU Vul in 2004. In JOURNAL OF THE KOREAN ASTRONOMICAL SOCIETY. ISSN 1225-4614, JUN 30 2007, vol. 40, no. 2, p. 39-47., WOS

BOUZID, Yacine M. - STERKEN, Christian - PRIBULLA, Theodor. Photometric study of the eclipsing binary V1034 Sco. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2005, vol. 437, p. 769-774. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] VITRICHENKO, E.A. - NADYOZHIN, D.K. - RAZINKOVA, T.L. Mass-luminosity relation for massive stars. In ASTRONOMY LETTERS-A JOURNAL OF ASTRONOMY AND SPACE ASTROPHYSICS. ISSN 1063-7737, APR 2007, vol. 33, no. 4, p. 251-258., WOS

BUDAJ, Ján. On the nature of the Am phenomenon or on a stabilization and the tidal mixing in binaries. I. Orbital periods and rotation. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1996, vol.313, p.523-531. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 4**

1. [1.1] CABALLERO-NIEVES, S.M. - SOWELL, R. - HOUK, N. Galactic distributions and statistics of the HD stars in the Michigan spectral catalogue. In ASTRONOMICAL JOURNAL. ISSN 0004-6256, SEP 2007, vol. 134, no. 3, p. 1072-1088., WOS
2. [1.1] FOSSATI, L. - BAGNULO, S. - MONIER, R. - KHAN, S.A. - KOCHUKHOV, O. - LANDSTREET, J. - WADE, G. - WEISS, W. Late stages of the evolution of A-type stars on the main sequence: comparison between observed chemical abundances and diffusion models for 8 Am stars of the Praesepe cluster. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, DEC 2007, vol. 476, no. 2, p. 911-U68., WOS
3. [1.1] ZHAO, M. - MONNIER, J.D. - TORRES, G. - BODEN, A.F. - CLARET, A. - MILLAN-GABET, R. - PEDRETTI, E. - BERGER, J.P. - TRAUB, W.A. - SCHLOERB, F.P. - CARLETON, N.P. - KERN, P. - LACASSE, M.G. - MALBET, F. - PERRAUT, K. Physical orbit for lambda Virginis and a test of stellar evolution models. In ASTROPHYSICAL JOURNAL. ISSN 0004-637X, APR 10 2007, vol. 659, no. 1, Part 1, p. 626-641., WOS
4. [2.1] ZVERKO, J. - ŽIŽŇOVSKÝ, J. - MIKULÁŠEK, Z. - ILIEV, I.K. Radial velocity determination by CCF using a synthetic spectrum as the template and detecting component spectra in SB1 binaries. In CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO. ISSN 1335-1842, FEB 2007, vol. 37, no. 1, p. 49-62., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

5. [9] ROMANYUK, I.I. Main-sequence magnetic CP stars: II. Physical parameters and chemical composition of the atmosphere. In ASTROPHYSICAL BULLETIN. ISSN 1990-3413, 2007, vol. 62, no. 1, p. 62-89., NASA ADS

BUDAJ, Ján. On the nature of the Am phenomenon or on a stabilization and the tidal mixing in binaries. II. Metallicity and pseudo-synchronization. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1997, vol.326, p.655-661. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 2**

1. [1.1] CABALLERO-NIEVES, S.M. - SOWELL, R. - HOUK, N. Galactic distributions and statistics of the HD stars in the Michigan spectral catalogue. In *ASTRONOMICAL JOURNAL*. ISSN 0004-6256, SEP 2007, vol. 134, no. 3, p. 1072-1088., WOS
2. [1.1] ZHAO, M. - MONNIER, J.D. - TORRES, G. - BODEN, A.F. - CLARET, A. - MILLAN-GABET, R. - PEDRETTI, E. - BERGER, J.P. - TRAUB, W.A. - SCHLOERB, F.P. - CARLETON, N.P. - KERN, P. - LACASSE, M.G. - MALBET, F. - PERRAUT, K. Physical orbit for lambda Virginis and a test of stellar evolution models. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, APR 10 2007, vol. 659, no. 1, Part 1, p. 626-641., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

3. [9] ROMANYUK, I.I. Main-sequence magnetic CP stars: II. Physical parameters and chemical composition of the atmosphere. In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 1, p. 62-89., NASA ADS

BUMBA, Václav - RUŠIN, Vojtech - RYBANSKÝ, Milan. Green corona, prominences and magnetic fields latitudinal distribution during an extended cycle of activity. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1990, vol.41, p.253-262.

**Citácie registrované v indexoch WOS: 1**

1. [2.1] MINAROVJECH, M. Time-latitude prominences distribution (1967-2006). In *CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO*. ISSN 1335-1842, OCT 2007, vol. 37, no. 3, p. 184-188., WOS

BURROWS, Adam - HUBENY, Ivan - BUDAJ, Ján - HUBBARD, Wiliam. Possible solutions to the radius anomalies of transiting giant planets. In *The Astrophysical Journal*. ISSN 0004-637X, 2007, vol. 661, no. 1, Part 1, p. 502-514. (6.405 - IF2007).

**Citácie registrované v indexoch WOS: 16**

1. [1.1] BAKOS, G.A. - SHPORER, A. - PAL, A. - TORRES, G. - KOVACS, G. - LATHAM, D.W. - MAZEH, T. - OFIR, A. - NOYES, R.W. - SASSELOV, D.D. - BOUCHY, F. - PONT, F. - QUELOZ, D. - UDRY, S. - ESQUERDO, G. - SIPOCZ, B. - KOVACS, G. - STEFANIK, R. - LAZAR, J. - PAPP, I. - SARI, P. HAT-P-5b: a Jupiter-like hot Jupiter transiting a bright star. In *ASTROPHYSICAL JOURNAL LETTERS*. DEC 20 2007, vol. 671, no. 2, p. L173-L176., WOS
2. [1.1] BARNES, J.R. - LEIGH, C.J. - JONES, H.R.A. - BARMAN, T.S. - PINFIELD, D.J. - CAMERON, A.C. - JENKINS, J.S. Near-infrared spectroscopic search for the close orbiting planet HD 75289b. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, AUG 11 2007, vol. 379, no. 3, p. 1097-1107., WOS
3. [1.1] BURKE, C.J. - MCCULLOUGH, P.R. - VALENTI, J.A. - JOHNS-KRULL, C.M. - JANES, K.A. - HEASLEY, J.N. - SUMMERS, F.J. - STYS, J.E. - BISSINGER, R. - FLEENOR, M.L. - FOOTE, C.N. - GARCIA-MELENDO, E. - GARY, B.L. - HOWELL, P.J. - MALLIA, F. - MASI, G. - TAYLOR, B. - VANMUNSTER, T. XO-2b: Transiting hot Jupiter in a metal-rich common proper motion binary. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, DEC 20 2007, vol. 671, no. 2, p. 2115-2128., WOS

4. [1.1] FABRYCKY, D.C. - JOHNSON, E.T. - GOODMAN, J. Cassini states with dissipation: Why obliquity tides cannot inflate hot Jupiters. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, AUG 10 2007, vol. 665, no. 1, Part 1, p. 754-766., WOS
5. [1.1] FISCHER, D.A. - VOGT, S.S. - MARCY, G.W. - BUTLER, R.P. - SATO, B. - HENRY, G.W. - ROBINSON, S. - LAUGHLIN, G. - IDA, S. - TOYOTA, E. - OMIYA, M. - DRISCOLL, P. - TAKEDA, G. - WRIGHT, J.T. - JOHNSON, J.A. Five intermediate-period planets from the n2k sample. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, NOV 10 2007, vol. 669, no. 2, Part 1, p. 1336-1344., WOS
6. [1.1] HANSEN, B.M.S. - BARMAN, T. Two classes of hot Jupiters. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, DEC 10 2007, vol. 671, no. 1, p. 861-871., WOS
7. [1.1] HOLMAN, M.J. - WINN, J.N. - LATHAM, D.W. - O'DONOVAN, F.T. - CHARBONNEAU, D. - TORRES, G. - SOZZETTI, A. - FERNANDEZ, J. - EVERETT, M.E. The transit light curve (TLC) project. VI. Three transits of the exoplanet TrES-2. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, AUG 1 2007, vol. 664, no. 2, Part 1, p. 1185-1189., WOS
8. [1.1] KOVACS, G. - BAKOS, G.A. - TORRES, G. - SOZZETTI, A. - LATHAM, D.W. - NOYES, R.W. - BUTLER, R.P. - MARCY, G.W. - FISCHER, D.A. - FERNANDEZ, J.M. - ESQUERDO, G. - SASSELOV, D.D. - STEFANIK, R.P. - PAL, A. - LAZAR, J. - PAPP, I. - SARI, P. Hat-P-4b: A metal-rich low-density transiting hot jupiter. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, NOV 20 2007, vol. 670, no. 1, Part 2, p. L41-L44., WOS
9. [1.1] MACK, G.D. - BEACOM, J.F. - BERTONE, G. Towards closing the window on strongly interacting dark matter: Far-reaching constraints from Earth's heat flow. In *PHYSICAL REVIEW D*. ISSN 1550-7998, AUG 2007, vol. 76, no. 4., WOS
10. [1.1] MANDUSHEV, G. - O'DONOVAN, F.T. - CHARBONNEAU, D. - TORRES, G. - LATHAM, D.W. - BAKOS, G.A. - DUNHAM, E.W. - SOZZETTI, A. - FERNANDEZ, J.M. - ESQUERDO, G.A. - EVERETT, M.E. - BROWN, T.M. - RABUS, M. - BELMONTE, J.A. - HILLENBRAND, L.A. Tres-4: A transiting hot Jupiter of very low density. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, OCT 1 2007, vol. 667, no. 2, Part 2, p. L195-L198., WOS
11. [1.1] MARCHI, S. Extrasolar planet taxonomy: A new statistical approach. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, SEP 1 2007, vol. 666, no. 1, Part 1, p. 475-485., WOS
12. [1.1] MARDLING, R.A. Long-term tidal evolution of short-period planets with companions. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, DEC 21 2007, vol. 382, no. 4, p. 1768-1790., WOS
13. [1.1] SOZZETTI, A. - TORRES, G. - CHARBONNEAU, D. - LATHAM, D.W. - HOLMAN, M.J. - WINN, J.N. - LAIRD, J.B. - O'DONOVAN, F.T. Improving stellar and planetary parameters of transiting planet systems: The case of TrES-2. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, AUG 1 2007, vol. 664, no. 2, Part 1, p. 1190-1198., WOS
14. [1.1] SPIEGEL, D.S. - HAIMAN, Z. - GAUDI, B.S. On constraining a transiting exoplanet's rotation rate with its transit spectrum. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, NOV 10 2007, vol. 669, no. 2, Part 1, p. 1324-1335., WOS
15. [1.1] TORRES, G. - BAKOS, G.A. - KOVACS, G. - LATHAM, D.W. - FERNANDEZ, J.M. - NOYES, R.W. - ESQUERDO, G.A. - SOZZETTI, A. - FISCHER, D.A. - BUTLER, R.P. - MARCY, G.W. - STEFANIK, R.P. - SASSELOV, D.D. - LAZAR, J. - PAPP, I. - SARI, P. Hat-P-3b: a heavy-element-rich planet transiting a K dwarf star. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, SEP 10 2007, vol. 666,

no. 2, Part 2, p. L121-L124., WOS

16. [1.1] UDRY, S. - SANTOS, N.C. Statistical properties of exoplanets. In ANNUAL REVIEW OF ASTRONOMY AND ASTROPHYSICS. ISSN 0066-4146, 2007, vol. 45, p. 397-439., WOS

**Citácie registrované v databáze Scopus: 4**

17. [1.2] GU, P.G. - OGILVIE, G.I. Internal waves driven by stellar irradiation in a non-synchronized hot Jupiter. In PROCEEDINGS OF THE IAU 3. ISBN 0521874718, vol. S249, p. 145-150., SCOPUS

18. [1.2] LIN, D.N.C. - DOBBS-DIXON, I. Diversity of close-in planets and the interactions with their host stars. In PROCEEDINGS OF THE IAU 3. ISBN 0521874718, vol. S249, p. 131-144., SCOPUS

19. [1.2] SOZZETTI, A. - LATHAM, D.W. - TORRES, G. - CARNEY, B.W. - LAIRD, J.B. - STEFANIK, R.P. - BOSS, A.P. - WINN, J.N. Observational tests of planet formation models. In PROCEEDINGS OF THE IAU 3. ISBN 0521874718, vol. S249, p. 261-262., SCOPUS

20. [1.2] WINN, J.N. - HOLMAN, M.J. - BAKOS, G.A. - PAL, A. - JOHNSON, J.A. - WILLIAMS, P.K.G. - AVI, S. - GILLON, M. The transit light curve project. VII. The not-so-bloated exoplanet hAT-P1b. In ASTRONOMICAL JOURNAL. ISSN 0004-6256, 2007, vol.134, no. 4, p. 1707-1712., SCOPUS

**Citácie registrované v iných citačných indexoch a databázach: 5**

21. [9] FORTNEY, J.J. - MARLEY, M.S. - BARNES, J.W. Planetary radii across five orders of magnitude in mass and stellar insolation: application to transits. In THE ASTROPHYSICAL JOURNAL. ISSN 0004-637X, 2007, vol. 659, no. 2, p. 1661-1672., NASA ADS

22. [9] HARRINGTON, J. - LUSZCZ, S. - SEAGER, S. - DEMING, D. - RICHARDSON, L.J. The hottest planet. In NATURE. ISSN 0028-0836, 2007, vol. 447, no. 7145, p. 691-693., NASA ADS

23. [9] MARCHI, S. - ORTOLANI, S. Extrasolar planet taxonomy: a new statistical approach. In MEMORIE DELLA SOCIETA ASTRONOMICA ITALIANA. ISSN 0037-8720, 2007, vol. 78, p. 612-615., NASA ADS

24. [9] SHPORER, A. - TAMUZ, O. - ZUCKER, S. - MAZEH, T. Photometric follow-up of the transiting planet WASP-1b. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-9711, 2007, vol. 376, no. 3, p. 1296-1300., NASA ADS

25. [9] STEMPLES, H.C. - COLLIER C.A. - HEBB, L. - SMALLEY, B. - FRANDBSEN, S. WASP-1: a lithium- and metal-rich star with an oversized planet. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 379, no. 2, p. 773-778., NASA ADS

CARUSI, Andrea - KRESÁK, Ľubor - PEROZZI, Ettore - VALSECCHI, Giovanni B. High-order librations of Halley-type comets. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1987, vol.187, p.899-905. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] CAMPINS, H. - LICANDRO, J. - PINILLA-ALONSO, N. - ZIFFER, J. - DE LEON, J. - MOTHE-DINIZ, T. - GUERRA, J.C. - HERGENROTHER, C. Nuclear spectra of comet 28P Neujmin. In ASTRONOMICAL JOURNAL. ISSN 0004-6256, 2007, vol. 134, p. 1626-1633., WOS

CEPLECHA, Zdeněk - BOROVIČKA, Jiří - ELFORD, William G. - REVELLE, Douglas O. - HAWKES, Robert L. - PORUBČAN, Vladimír - ŠIMEK, Miroslav. Meteor phenomena and bodies. In *Space Science Reviews*. ISSN 0038-6308, 1998, vol.84, p.327-471. (2.954 - IF 2007).

**Citácie registrované v indexoch WOS: 21**

1. [1.1] ARROWSMITH, S.J. - DROB, D.P. - HEDLIN, M.A.H. - EDWARDS, W. A joint seismic and acoustic study of the Washington State bolide: Observations and modeling. In *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES*. ISSN 0148-0227, 2007, vol. 112, no. D9., WOS
2. [1.1] CLOSE, S. - BROWN, P. - CAMPBELL-BROWN, M. - OPPENHEIM, M. - COLESTOCK, P. Meteor head echo radar data: Mass-velocity selection effects. In *ICARUS*. ISSN 0019-1035, 2007, vol. 186, p. 547-556., WOS
3. [1.1] COCKELL, C.S. - BRACK, A. - WYNN-WILLIAMS, D.D. - BAGLIONI, P. - BRANDSTATTER, F. - DEMETS, R. - EDWARDS, H.G.M. - GRONSTAL, A.L. - KURAT, G. - LEE, P. - OSINSKI, G.R. - PEARCE, D.A. - PILLINGER, J.M. - ROTEN, C.A. - SANCISI-FREY, S. Interplanetary transfer of photosynthesis: An experimental demonstration of a selective dispersal filter in planetary island biogeography. In *ASTROBIOLOGY*. ISSN 1531-1074, 2007, vol. 7, p. 1-9., WOS
4. [2.1] HAJDUKOVA, M. - PAULECH, T. Hyperbolic and interstellar meteors in the IAU MDC radar data. In *CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO*. ISSN 1335-1842, 2007, vol. 37, p. 18-30., WOS
5. [1.1] HALDOUPIS, C. - PANCHEVA, D. - SINGER, W. - MEEK, C. - MACDOUGALL, J. An explanation for the seasonal dependence of midlatitude sporadic E layers. In *JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS*. ISSN 0148-0227, 2007, vol. 112, no. A6., WOS
6. [1.1] HEDIN, J. - GUMBEL, J. - RAPP, M. On the efficiency of rocket-borne particle detection in the mesosphere. In *ATMOSPHERIC CHEMISTRY AND PHYSICS*. ISSN 1680-7316, 2007, vol. 7, p. 3701-3711., WOS
7. [1.1] HEDIN, J. - GUMBEL, J. - WALDEMARSSON, T. - GIOVANE, F. The aerodynamics of the MAGIC meteoric smoke sampler. In *ADVANCES IN SPACE RESEARCH*. ISSN 0273-1177, 2007, vol. 40, p. 818-824., WOS
8. [1.1] CHRISTOU, A.A. - OBERST, J. - KOSCHNY, D. - VAUBAILLON, J. - MCAULIFFE, J.P. - KOLB, C. - LAMMER, H. - MANGANO, V. - KHODACHENKO, M. - KAZEMINEJAD, B. - RUCKER, H.O. Comparative studies of meteoroid-planet interaction in the inner solar system. In *PLANETARY AND SPACE SCIENCE*. ISSN 0032-0633, 2007, vol. 55, p. 2049-2062., WOS
9. [1.1] IYE, M. - TANAKA, M. - YANAGISAWA, M. - EBIZUKA, N. - OHNISHI, K. - HIROSE, C. - ASAMI, N. - KOMIYAMA, Y. - FURUSAWA, H. SuprimeCam observation of sporadic meteors during Perseids 2004. In *PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN*. ISSN 0004-6264, 2007, vol. 59, p. 841-855., WOS
10. [1.1] JEHIN, E. - JENNISKENS, P. - CABANAC, R.A. - LAUX, C.O. - BOYD, I.D. Spectroscopic anatomy of a meteor with the very large telescope (ESO). In *ADVANCES IN SPACE RESEARCH*. ISSN 0273-1177, 2007, vol. 39, p. 550-554., WOS
11. [1.1] KASUGA, T. - IIJIMA, T. - WATANABE, J. Is a 2004 Leonid meteor spectrum captured in a 182cm telescope?. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, NOV 2007, vol. 474, p. 639-U156., WOS
12. [1.1] MALHOTRA, A. - MATHEWS, J.D. - URBINA, J. Multi-static, common volume radar observations of meteors at Jicamarca. In *GEOPHYSICAL RESEARCH*



- LETTERS. ISSN 0094-8276, 2007, vol. 34, no. 24., L24103., WOS
13. [2.1] PECINOVA, D. - PECINA, P. Radar meteors range distribution model I. Theory. In CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO. ISSN 1335-1842, 2007, vol. 37, p. 83-106., WOS
14. [2.1] PECINOVA, D. - PECINA, P. Radar meteors range distribution model II. Shower flux density and mass distribution index. In CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO. ISSN 1335-1842, 2007, vol. 37, p. 107-124., WOS
15. [2.1] PECINOVA, D. - PECINA, P. Radar meteors range distribution model - III. Ablation, shape-density and self-similarity parameters. In CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO. ISSN 1335-1842, 2007, vol. 37, p. 147-160., WOS
16. [1.1] PURDUE, P. - LARSON, S.L. Spurious acceleration noise in spaceborne gravitational wave interferometers. In CLASSICAL AND QUANTUM GRAVITY. ISSN 0264-9381, 2007, vol. 24, p. 5869-5887., WOS
17. [1.1] RIETMEIJER, F.J.M. Quantitative material properties for meteoroids from interplanetary dust particles. In ADVANCES IN SPACE RESEARCH. ISSN 0273-1177, 2007, vol. 39, p. 583-589., WOS
18. [1.1] ROSENBERG, M. - MERLINO, R.L. Ion-acoustic instability in a dusty negative ion plasma. In PLANETARY AND SPACE SCIENCE. ISSN 0032-0633, 2007, vol. 55, p. 1464-1469., WOS
19. [1.1] ROY, A. - DOHERTY, J.F. - MATHEWS, J.D. Analyzing radar meteor trail echoes using the fresnel transform technique: A signal processing viewpoint. In EARTH MOON AND PLANETS. ISSN 0167-9295, 2007, vol. 101, p. 27-39., WOS
20. [1.1] TRIGO-RODRIGUEZ, J.M. - LLORCA, J. On the sodium overabundance in cometary meteoroids. In ADVANCES IN SPACE RESEARCH. ISSN 0273-1177, 2007, vol. 39, p. 517-525., WOS
21. [1.1] TRIGO-RODRIGUEZ, J.M. - LYYTINEN, E. - JONES, D.C. - MADIEDO, J.M. - CASTRO-TIRADO, A.J. - WILLIAMS, I. - LLORCA, J. - VITEK, S. - JELINEK, M. - TROUGHTON, B. - GALVEZ, F. Asteroid 2002NY40 as a source of meteorite-dropping bolides. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 382, p. 1933-1939., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

22. [9] BUCHMANN, A. Meteor trains and velocities 2: More methods and some results. In JOURNAL OF THE INTERNATIONAL METEOR ORGANIZATION. ISSN 1016-3115, 2007, vol. 35, no. 2, p. 37-40., NASA ADS

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

23. [3] CAMPBELL-BROWN, M. The meteoroid environment: shower and sporadic meteors. In WORKSHOP ON DUST IN PLANETARY SYSTEMS. European Space Agency Special Publications. ESTEC, Noordwijk, The Netherlands, ISBN 92-9092-207-9, 2007, vol. 643, p. 11-21.

CROCKER, Matthew M. - DAVIS, Richard J. - EYRES, Steward P.S. - BODE, Michael F. - TAYLOR, Andrew R. - SKOPAL, Augustin - KENNY, Harold T. The symbiotic star CH Cygni. I. Non-thermal bipolar jets. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 2001, vol.326, p.781-787. (5.249 - IF 2007).

**Citácie registrované v indexoch WOS: 4**

1. [1.1] ANGELONI, R. - CONTINI, M. - CIROI, S. - RAFANELLI, P. The symbiotic star H1-36 - A composite model of line and continuum spectra from radio to ultraviolet.

In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, SEP 2007, vol. 471, no. 3, p. 825-832., WOS

2. [1.1] ANGELONI, R. - CONTINI, M. - CIROI, S. - RAFANELLI, P. Gas and dust spectra of the D' type symbiotic star HD 330036. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, SEP 2007, vol. 472, no. 2, p. 497-507., WOS

3. [1.1] LUNA, G.J.M. - SOKOŁOSKI, J.L. The nature of the hard X-ray-emitting symbiotic star RT Cru. In ASTROPHYSICAL JOURNAL. ISSN 0004-637X, DEC 10 2007, vol. 671, no. 1, p. 741-747., WOS

4. [1.1] NICHOLS, J.S. - DEPASQUALE, J. - KELLOGG, E. - ANDERSON, C.S. - SOKOŁOSKI, J. Discovery of rapid hard X-ray variability and new jet activity in the symbiotic binary R Aquarii. In ASTROPHYSICAL JOURNAL. ISSN 0004-637X, MAY 1 2007, vol. 660, no. 1, Part 1, p. 651-661., WOS

CROCKER, Matthew M. - DAVIS, Richard J. - SPENCER, Ralph E. - EYRES, Steward P.S. - BODE, Michael F. - SKOPAL, Augustin. The symbiotic star CH Cygni. III. A precessing radio jet. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 2002, vol.335, p.1100-1108. (5.249 - IF 2007).

**Citácie registrované v indexoch WOS: 2**

1. [1.1] KAROVSKA, M. - CARILLI, C.L. - RAYMOND, J.C. - MATTEI, J.A. CH Cygni X-ray jet activity and multicomponent structures. In ASTROPHYSICAL JOURNAL. ISSN 0004-637X, JUN 1 2007, vol. 661, no. 2, Part 1, p. 1048-1054., WOS

2. [1.1] LUNA, G.J.M. - SOKOŁOSKI, J.L. The nature of the hard X-ray-emitting symbiotic star RT Cru. In ASTROPHYSICAL JOURNAL. ISSN 0004-637X, DEC 10 2007, vol. 671, no. 1, p. 741-747., WOS

CSATÁRYOVÁ, Mária - SKOPAL, Augustin. Notices to investigation of symbiotic binaries: III. Approximation of the Roche lobe parameters for asynchronously rotating star in a binary system. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2005, vol. 35, p. 17-22.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GOKHALE, V. - PENG, X.M. -FRANK, J. Evolution of close white dwarf binaries. In THE ASTROPHYSICAL JOURNAL. ISSN 0004-637X, 2007, vol. 655, no. 2, p. 1010-1024., NASA ADS

CURDT, Werner - KUČERA, Aleš - RYBÁK, Ján - SCHUEHLE, Udo - WOHL, Hubertus. Dynamical Properties of the Chromosphere and Transition Region in the Supergranular Network: What Precision of the Spectral Line Characteristics Can Be Reached?. In *5th SOHO Workshop 'The Corona and Solar Wind Near Minimum Activity'*. - Noordwijk, The Netherlands: European Space Agency Publication Division, Special Publication-404, ISBN 92-9092-693-7, 1997, p.307-312.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GANGOPADHYAY, P. - DIDKOVSKY, L. - GHADIMI, H. - WIEMAN, S. - JUDGE, D.I. Ultra-low-frequency solar He II 30.4 nm pulsations. In THE ASTROPHYSICAL JOURNAL. ISSN 0004-637X, 2007, vol. 670, no. 2, p. 1414-1419., NASA ADS

DWORETSKY, Mike - BUDAJ, Ján. Neon abundances in normal late-B and mercury-manganese stars. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 2000, vol.318, p.1264-1272. (5.249 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] TORRES, G. Astrometric-spectroscopic determination of the absolute masses of the HgMn binary star phi Herculis. In *ASTRONOMICAL JOURNAL*. ISSN 0004-6256, JUN 2007, vol. 133, no. 6, p. 2684-2695., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

2. [9] KRTIČKA, J. - KUBÁT, J. Radiatively driven winds of OB stars - from micro to macro. In *ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES*. ISBN 978-1-58381-229-7, 2007, vol. 361, p. 153-164., NASA ADS

EYRES, Steward P.S. - BODE, Michael F. - SKOPAL, Augustin - CROCKER, Matthew M. - DAVIS, Richard J. - TAYLOR, Andrew R. - TEODORANI, Massimo - ERRICO, Luigi - VITTONI, Alberto A. - ELKIN, Vladimir G. The symbiotic star CH Cygni. II. The ejecta from the 1998-2000 active phase. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 2002, vol.335, p.526-538. (5.249 - IF 2007).

**Citácie registrované v indexoch WOS: 4**

1. [1.1] KAROVSKA, M. - CARILLI, C.L. - RAYMOND, J.C. - MATTEI, J.A. CH Cygni X-ray jet activity and multicomponent structures. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, JUN 1 2007, vol. 661, no. 2, Part 1, p. 1048-1054., WOS
2. [1.1] PHILLIPS, J.P. 2MASS near-infrared photometry of symbiotic stars. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, APR 11 2007, vol. 376, no. 3, p. 1120-1132., WOS
3. [1.1] STUTE, M. - SAHAI, R. Hydrodynamical simulations of the jet in the symbiotic star MWC 560. III. Application to X-ray jets in symbiotic stars. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, AUG 10 2007, vol. 665, no. 1, Part 1, p. 698-706., WOS
4. [1.1] YOO, K.H. CH Cygni in 2004 - II: Nebular spectrum features. In *NEW ASTRONOMY*. ISSN 1384-1076, OCT 2007, vol. 12, no. 7, p. 569-577., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

5. [9] BALEGA, I.I. - BALEGA, YU.YU. - MAKSIMOV, A.F. - MALOGOLOVETS, E.V. - RASTEGAEV, D.A. - SHKHAGOSHEVA, Z.U. - WEIGELT, G. Speckle interferometry of nearby multiple stars. IV. Measurements in 2004 and new orbits. In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 4, p. 339-351., NASA ADS

GÖMÖRY, Peter - KUČERA, Aleš - RYBÁK, Ján - CURDT, Werner - WÖHL, Hubertus. SOHO/CDS observations of waves above the network. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2006, vol. 448, p. 1169-1175. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] TRIMBLE, V. - ASCHWANDEN, M.J. - HANSEN, C.J. Astrophysics in 2006. In *SPACE SCIENCE REVIEWS*. ISSN: 0038-6308, 2007, vol. 132, p. 1-181., WOS

HAJDUK, Anton. Structure of the meteor stream associated with comet Halley. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1970, vol.21, p.37-45.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] TRIGO-RODRIGUEZ, J.M. - MADIEDO, J.M. - LLORCA, J. - GURAL, P.S. - PUJOLS, P. - TEZEL, T. The 2006 Orionid outburst imaged by all-sky CCD cameras from Spain: meteoroid spatial fluxes and orbital elements. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, 2007, vol. 380, p. 126-132., WOS

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

2. [3] RENDTEL, J. Three days of enhanced Orionid activity in 2006 - Meteoroids from

a resonance region? In JOURNAL OF THE INTERNATIONAL METEOR ORGANIZATION. ISSN 1016-3115, 2007, vol. 35, no. 2, p. 41-45.

HARMANEC, Petr - BOZIC, Hrvoje - EENENS, Philippe - ŽIŽŇOVSKÝ, Jozef. BD+61 2213: An interesting ellipsoidal or eclipsing variable in the open cluster NGC 7160. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1999, vol.366, p.87-90. (4.259 - IF 2007).

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] KOENIGSBERGER, G. - MORENO, E. - TOLEDANO, O. Line profile variability from tidal interactions: can it distort the RV curves? In ASTRONOMICAL SOCIETY OF PACIFIC CONFERENCE SERIES. ISBN 978-1-583812-35-8, 2007, vol. 367, p. 89-94., NASA ADS

HAVLICEK, Hans - SANIGA, Metod. Projective ring line of a specific qudit. In *Journal of Physics A: Mathematical and Theoretical*. ISSN 1751-8113, 2007, vol. 40, p. F943-F952. (1.680 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] PLANAT, M. - BABOIN, A.C. Qudits of composite dimension, mutually unbiased bases and projective ring geometry. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. ISSN 1751-8113, NOV 16 2007, vol. 40, no. 46, p. F1005-F1012., WOS

HORVATH, Helmuth - KASAHARA, Mikio - TOHNO, Susumu - KOCIFAJ, Miroslav. Angular scattering of the Gobi Desert aerosol and its influence on radiative forcing. In *Journal of aerosol science*. ISSN 0021-8502, 2006, vol. 37, no. 10, p. 1287-1302. (1.902 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] MISHCHENKO, M.I. - GEOGDZHAYEV, I.V. - CAIRNS, B. - CARLSON, B.E. - CHOWDHARY, J. - LACIS, A.A. - LIU, L. - ROSSOW, W.B. - TRAVIS, L.D. Past, present, and future of global aerosol climatologies derived from satellite observations: A perspective. In JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER. ISSN 0022-4073, 2007, vol. 106, p. 325-347., WOS

CHOCHOL, Drahomír. Close binary SZ Camelopardalis - a semidetached system. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1980, vol.31, p.321-343.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GORDA, S.YU. - BALEGA, YU.YU. - PLUZHNIK, E.A. - SHKHAGOSHEVA, Z.U. Parameters of the apparent relative orbit of the third body in the SZ Cam system. In ASTROPHYSICAL BULLETIN. ISSN 1990-3413, 2007, vol. 62, no. 4, p. 352-359., NASA ADS

CHOCHOL, Drahomír. Photoelectric photometry of the close binary SZ Camelopardalis in the intermediate passband filters. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1981, vol.10, p.89-124.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GORDA, S.YU. - BALEGA, YU.YU. - PLUZHNIK, E.A. - SHKHAGOSHEVA, Z.U. Paramters of the apparent relative orbit of the third body in the SZ Cam system. In ASTROPHYSICAL BULLETIN. ISSN 1990-3413, 2007, vol. 62, no. 4, p. 352-359., NASA ADS

CHOCHOL, Drahomír - GRYGAR, Jiří. Spectral Line Variations of the Early-Type Star 10 Lacertae in the Years 1972-1973. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1976, vol.27, p.181-190.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] DE CAT, P.- BRIQUET, M.- AERTS, C.- GOOSSENS, K.- SAESEN, S.- CUYPERS, J.- YAKUT, K.- SCUFLAIRE, R.- DUPRET, M.A.- UYTTERHOEVEN, K. - VAN WINCKEL, H.- RASKIN, G.- DAVIGNON, G. - LE GUILLOU, L.- VAN MALDEREN, M. - REYNIERS, M.- ACKE, B. - DE MEESTER, W.- VANAUTGAERDEN, J.- VANDENBUSSCHE, B.- VERHOELST, T.- WAELKENS, C.- DEROO, P.- REYNIERS, K. - AUSSELOOS, M.- BROEDERS, E. - DASZYNSKA- DASZKIEWICZ - DEBOSSCHER, J.- DE RUYTER, S. - LEFEVER K.- DECIN, G. - KOLENBERG, K.- MAZUMDAR, A.- VAN KERCKHOVEN, C.- DE RIDDER, J.- DRUMMOND, R.- BARBAN, C.- VANHOLLEBEKE, E.- MAAS, T.- DECIN, L. Long term photometric monitoring with the Mercator telescope. Frequencies and mode identification of variable O-B stars. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 463, no. 1, p. 243-249., NASA ADS

CHOCHOL, Drahomír - GRYGAR, Jiří - PRIBULLA, Theodor - KOMŽÍK, Richard - HRIC, Ladislav - ELKIN, Vladimir G. The expansion of the envelope of Nova V1974 Cyg and the distance problem. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1997, vol.318, p.908-924. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 2**

1. [1.1] KATO, M. - HACHISU, I. Modeling of the super-Eddington phase for classical novae: Five IUE novae. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, MAR 10 2007, vol. 657, no. 2, Part 1, p. 1004-1012., WOS
2. [1.1] SANTANDER-GARCIA, M. - CORRADI, R.L.M. - WHITELOCK, P.A. - MUNARI, U. - MAMPASO, A. - MARANG, F. - BOFFI, F. - LIVIO, M. HST and VLT observations of the symbiotic star Hen 2-147 - Its nebular dynamics, its Mira variable and its distance. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, APR 2007, vol. 465, no. 2, p. 481-491., WOS

CHOCHOL, Drahomír - HRIC, Ladislav - URBAN, Zdeněk - KOMŽÍK, Richard - GRYGAR, Jiří - PAPOUŠEK, Jiří. Spectroscopic and photometric behaviour of Nova Cygni 1992 in the first nine months following outburst. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1993, vol.277, p.103-113. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] SKOPAL, A. On the effect of emission lines on UBVR photometry. In *NEW ASTRONOMY*. ISSN 1384-1076, OCT 2007, vol. 12, no. 7, p. 597-604., WOS

CHOCHOL, Drahomír - PARIMUCHA, Štefan - PRIBULLA, Theodor - SHUGAROV, S. Yu. - VAŇKO, Martin. Long-term photometry of the symbiotic nova HM Sge. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2004, vol. 34, no. 1, p. 5-19.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] SACUTO, S. - CHESNEAU, O. - VANNIER, M. CRUZALEBES, P. A compact dust shell in the symbiotic system HM Sagittae. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 465, no. 2, p. 469-480., NASA ADS

CHOCHOL, Drahomír - PRIBULLA, Theodor. Photometric study of Nova Cas 1995. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1997, vol.27, p.53-69.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GORANSKIJ, V.P. - KATYSHEVA, N.A. - KUSAKIN, A.V. - METLOVA, N.V. - POGROSHEVA, T.M. - SHUGAROV, S.YU. - BARSUKOVA, E.A. - FABRIKA, S.N. - BORISOV, N.V. - BURENKOV, A.N. - PRAMSKY, A.G. - KARITSKAYA, E.A. - RETTER, A. Photometric and spectroscopic study of nova Cassiopeiae 1995 (V723 Cas). In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 2, p. 125-146., NASA ADS

CHOCHOL, Drahomír - PRIBULLA, Theodor. Photometric variability of the slow nova V723 Cas. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1998, vol.28, no.2, p.121-141.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GORANSKIJ, V.P. - KATYSHEVA, N.A. - KUSAKIN, A.V. - METLOVA, N.V. - POGROSHEVA, T.M. - SHUGAROV, S.YU. - BARSUKOVA, E.A. - FABRIKA, S.N. - BORISOV, N.V. - BURENKOV, A.N. - PRAMSKY, A.G. - KARITSKAYA, E.A. - RETTER, A. Photometric and spectroscopic study of nova Cassiopeiae 1995 (V723 Cas). In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 2, p. 125-146., NASA ADS

CHOCHOL, Drahomír - PRIBULLA, Theodor - PARIMUCHA, Štefan - VANĀKO, Martin. Long-term photometry of very slow novae. In *Baltic Astronomy* ISSN 1392-0049, 2003, vol. 12, p. 610-615. (0.590 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] YOO, K.H. Nebular spectrum of PU Vul in 2004. In *JOURNAL OF THE KOREAN ASTRONOMICAL SOCIETY*. ISSN 1225-4614, JUN 30 2007, vol. 40, no. 2, p. 39-47., WOS

CHOCHOL, Drahomír - PRIBULLA, Theodor - TAMURA, Shinichi. Pulsating AGB star in the symbiotic nova PU Vulpeculae. In *Information Bulletin on Variable Stars*. ISSN 0374-0676, 1998, no.4571, p.1-4.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] YOO, K.H. Nebular spectrum of PU Vul in 2004. In *JOURNAL OF THE KOREAN ASTRONOMICAL SOCIETY*. 2007, vol. 40, no. 2, p. 39-47., NASA ADS

CHOCHOL, Drahomír - PRIBULLA, Theodor - TAMURA, Shinichi - TAJITSU, Akito - KANAMITSU, Osamu. Physical processes in the very slow symbiotic nova PU Vul - possible triple system. In *Physical processes in symbiotic binaries and related systems*. Ed. J. Mikolajewska, CFPA Warsaw, ISBN 83-85962-06-9, 1997, p. 127-132.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] YOO, K.H. Nebular spectrum of PU Vul in 2004. In *JOURNAL OF THE KOREAN ASTRONOMICAL SOCIETY*. 2007, vol. 40, no. 2, p. 39-47., NASA ADS

CHOCHOL, Drahomír - RUŠIN, Vojtech - KULČÁR, Ladislav - VANÝSEK, Vladimír. Emission features in the solar corona after the perihelion passage of comet 1979 XI. In *Astrophysics and Space Science*. ISSN 0004-640X, 1983, vol.91, p.71-77. (0.834 - IF 2007).

**Citácie registrované v databáze Scopus: 1**

1. [1.2] HUEBNER, W.F. - BOICE, D.C. - SCHWADRON, N.A. Sungrazing comets as

solar probes and dust analyzers. In *ADVANCES IN SPACE RESEARCH*. ISSN 0273-1177, vol. 39, no. 3, p. 413-420., SCOPUS

CHOCHOL, Drahomír - WILSON, Robert. Variation mechanisms in symbiotic nova V1329 Cygni. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 2001, vol. 326, p. 437-452. (5.249 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] ZAMANOV, R.K. - BODE, M.F. - MELO, C.H.F. - BACHEV, R. - GOMBOC, A. - STATEVA, I.K. - PORTER, J.M. - PRITCHARD, J. Rotational velocities of the giants in symbiotic stars - II. Are S-type symbiotics synchronized?. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, SEP 21 2007, vol. 380, no. 3, p. 1053-1063., WOS

ILIEV, Iian - FEŇOVČÍK, Marián - BUDAJ, Ján - ŽIŽNOVSKÝ, Jozef - ZVERKO, Juraj - BARZOVA, Ina - STATEVA, Ivanka. A search for SB2 systems among selected Am binaries. In *Proceedings of IAU Symp. 224 "The A-star puzzle"*, Ed. by Juraj Zverko, Jozef Žižňovský, Saul J. Adelman, Werner W. Weiss, Cambridge Univ. Press, 2004, p.301.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] ROMANYUK, I.I. Main-sequence magnetic CP stars: II. Physical parameters and chemical composition of the atmosphere. In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 1, p. 62-89., NASA ADS

JAKUBÍK, Marián - NESLUŠAN, Luboš. The Planetary ejection of comets to the Oort cloud: The range of appropriate initial semi-major axes. In *Proceedings of Asteroids, comets, meteors, ACM 2002*, Noordwijk: European Space Agency Publications Division, 2002. ISBN 92-9092-810-7, p. 441-444.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] HORNER, J. - MUSIS, O. - HERSANT, F. Constraints on the formation regions of comets from their D:H ratios. In *EARTH, MOON, AND PLANETS*. ISSN 0167-9295, 2007, vol. 100, p. 43-56., NASA ADS

KAPIŠINSKÝ, Igor. Nongravitational effects affecting small meteoroids in interplanetary space. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1984, vol. 12, p. 99-111.

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

1. [3] KRIVOV, A.V. Physics of debris disks. In *WORKSHOP ON DUST IN PLANETARY SYSTEMS*. European Space Agency Special Publications. ESTEC, Noordwijk, The Netherlands, ISBN 92-9092-207-9, 2007, vol. 643, p. 123-132.

KELLEY, Michael S. - WOODWARD, Charles E. - HARKER, David E. - WOODEN, Diane H. - GEHRZ, Robert D. - CAMPINS, Humberto - HANNER, Martha S. - LEDERER, Susan M. - OSIP, David J. - PITTICHOVÁ, Jana - POLOMSKI, Elisha. A Spitzer Study of Comets 2P/Encke, 67P/Churyumov-Gerasimenko, and C/2001 HT50 (LINEAR-NEAT). In *Astrophysical Journal*. ISSN 0036-8075, 2006, vol. 651, p. 1256-1271.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] AGARVAL, J. - MULLER, M. - GRUN, E. Dust Environment Modelling of Comet 67P/Churyumov-Gerasimenko. In *SPACE SCIENCE REVIEWS*. ISSN 0038 6308, 2007, vol. 128, p. 79-131., WOS

KLÁČKA, Jozef - KOCIFAJ, Miroslav. Motion of nonspherical dust particle under the action of electromagnetic radiation. In *Journal of Quantitative Spectroscopy and Radiative Transfer*. ISSN 0022-4073, 2001, vol. 70, p. 595-610. (1.972 - IF 2007).

**Citácie registrované v databáze SCOPUS: 1**

1. [1.2] KRAUSS, O. - WURM, G. Radiation pressure on single graphite aggregates. In WORKSHOP ON DUST IN PLANETARY SYSTEMS. European Space Agency Special Publications. ESTEC, Noordwijk, The Netherlands, ISBN 92-9092-207-9, 2007, vol. 643, p. 35-44., SCOPUS

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

2. [3] BORGHESE, F. - DENTI, P. - SAIJA, R. Scattering from Model Nonspherical Particles. Theory and Applications to Environmental Physics. ISBN 978-3-540-37413-8, Springer, New York, 2007, p. 1-348.

KOCIFAJ, Miroslav. Optical air mass and refraction in a Rayleigh atmosphere. In *Contribution of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1996, vol. 26, no. 1, p. 23-30.

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

1. [3] HUESTIS, D.L. Mathematics of radiation propagation in planetary atmospheres: absorption, refraction, time delay, occultation, and Abel inversion. In LUNAR AND PLANETARY CONTRIBUTION. ISSN 0031-9201, 2007, vol. 1376, p. 56-57.

KOCIFAJ, Miroslav - HORVATH, Helmuth. Inversion of extinction data for irregularly shaped particles. In *Atmospheric Environment*. ISSN 1352-2310, 2005, vol. 39, p. 1481-1495. (2.549 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] WAGNER, R. - BENZ, S. - MOEHLER, O. - SAATHOFF, H. - SCHNAITER, M. - LEISNER, T. Influence of particle aspect ratio on the midinfrared extinction spectra of wavelength-sized ice crystals. In JOURNAL OF PHYSICAL CHEMISTRY A. ISSN 1089-5639, 2007, vol. 111, p. 13003-13022., WOS

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

2. [3] DAI, B. - HE, A.Z. Influences of the optical thickness on the multiple scattering through a medium with the particles. In OPTICAL TECHNIQUE. ISSN 1002-1582, 2007, vol. 33, p. 691-693.

KOCIFAJ, Miroslav - HORVATH, Helmuth. Retrieval of size distribution for urban aerosols using multispectral optical data. In *Journal of Physics: conference series*. ISSN 1742-658, 2005, vol. 6, p. 97-102.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] CLAVANO, W.R. - BOSS, E. - KARP-BOSS, L. Inherent optical properties of non-spherical marine-like particles -From theory to observation. In OCEANOGRAPHY AND MARINE BIOLOGY. ISSN 0078-3218, 2007, vol. 45, 1-38., WOS

**Citácie registrované v databáze SCOPUS: 1**

2. [1.2] BADARINATH, K.V.S. - KHAROL, S.K. - LATHA, K.M. - CHAND, T.R.K. - PRASAD, V.K. - JYOTHSNA, A.N. - SAMATHA, K. Multiyear ground-based and satellite observations of aerosol properties over a tropical urban area in India. In ATMOSPHERIC SCIENCE LETTERS. ISSN 1530-261X, 2007, vol. 8, p. 7-13., SCOPUS

KOCIFAJ, Miroslav - KAPIŠINSKÝ, Igor - KUNDRACIK, František. Optical effects of irregular cosmic dust particle U2015 B10. In *Journal of Quantitative Spectroscopy and*



*Radiative Transfer*. ISSN 0022-4073, 1999, vol.63, p.1-14. (1.972 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] ELLMERS, J. - WRIEDT, T. T-matrix light scattering simulation of rough, non-symmetrical spherical particles. In *JOURNAL OF QUANTITATIVE SPECTROSCOPY AND RADIATIVE TRANSFER*. ISSN 0022-4073, 2007, vol. 106, p. 90-103., WOS

KOUTCHMY, Olga - KOUTCHMY, Serge - NITSCHHELM, Christian - SÝKORA, Július - SMARTT, Raymond N. Image processing of coronal pictures. In *Solar and Stellar Coronal Structures*. Sunspot, NM: NOAO/Sacramento Peak Observatory, 1988, p.256-266.

**Citácie registrované v iných citačných indexoch a databázach: 2**

1. [9] MORGAN, H. - HABBAL, S.R. Are solar maximum fan streamers a consequence of twisting sheet structures? In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 465, no. 3, p. L47-L50., NASA ADS
2. [9] PASACHOFF, J.M. - RUŠIN, V. - DRUCKMULLER, M. - SANIGA, M. Fine structures in the white-light solar corona at the 2006 eclipse. In *THE ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, 2007, vol. 665, no. 1, p. 824-829., NASA ADS

KOZA, Július - SÜTTERLIN, Peter - KUČERA, Aleš - RYBÁK, Ján. Temporal variations in fibril orientation. In *The Physics of Chromospheric Plasmas*. Astronomical Society of Pacific, San Francisco, 2007. ISBN 978-1-58381-236-5. Vol. 368, p. 115-118.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] DE PONTIEU, B. - HANSTEEN, V.H. - ROUPPE VAN DER VOORT, M. - CARLSSON, M. High-resolution observations and numerical simulations of chromospheric fibrils and mottles. In *ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES*. ISBN 978-1-58381-236-5, 2007, vol. 368, p. 65-80., NASA ADS

KREIDL, Tobias J. - GARRIDO, Rafael - HUANG, Lin - GUO, Zihe - BELMONTE, Juan A. - FERNIE, J. Don - ZVERKO, Juraj - ŽIŽŇOVSKÝ, Jozef - WEISS, Werner W. - ELLIOT, Ian - MATTHEWS, Jaymie M. Variability of the Ap star 21 Com: results from multiple-site campaigns. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 1990, vol. 245, p. 642-651. (5.249 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] AURIERE, M. - WADE, G.A. - SILVESTER, J. - LIGNIERES, F. - BAGNULO, S. - BALE, K. - DINTRANS, B. - DONATI, J.F. - FOLSOM, C.P. - GRUBERBAUER, M. - HOA, A.H.B. - JEFFERS, S. - JOHNSON, N. - LANDSTREET, J.D. - LEBRE, A. - LUEFTINGER, T. - MARSDEN, S. - MOUILLET, D. - NASERI, S. - PALETOU, F. - PETIT, P. - POWER, J. - RINCON, F. - STRASSER, S. - TOQUE, N. Weak magnetic fields in Ap/Bp stars - Evidence for a dipole field lower limit and a tentative interpretation of the magnetic dichotomy. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, DEC 2007, vol. 475, no. 3, p. 1053-U111., WOS

KRESÁK, Ľubor. A meteor mission into the orbit of sun-grazing comets. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1966, vol.17, p.188-195.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] SEKANINA, Z. - CHODAS, P.W. Fragmentation hierarchy of bright sungrazing comets and the birth and orbital evolution of the Kreuz system. II. the case for cascading fragmentation. In *THE ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, 2007, vol. 663, p. 657-676., WOS

KRESÁK, Ľubor. An alternate interpretation of the Oort Cloud of comets ?, In: *Comets, Asteroids, Meteorites*, ed. A.H.Delsemme, IAU Colloquium 39, Toledo, Ohio, 1977, p. 93-97.

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

1. [3] EMELYANENKO, N.Yu. Orbital evolution of short-period comets with high values of the Tisserand constant. In IAU Symp. 236, NEAR EARTH OBJECTS, OUR CELESTIAL NEIGHBORS: OPPORTUNITY AND RISK. Eds. A. Milani, G.B.Valsecchi, D.Vokrouhlicky, Cambridge, University Press, ISBN 0-521-86345-7, 2007, p. 35-42.

KRESÁK, Ľubor. Cometary dust trails and meteor storms. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1993, vol. 279, p. 646-660. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 2**

1. [1.1] REACH, W.T. - KELLEY, M.S. - SYKES, M.V. A survey of debris trails from short-period comets. In ICARUS. ISSN 0019-1035, 2007, vol. 191, p. 298-322., WOS
2. [1.1] CHRISTOU, A.A. - VAUBAILLON, J. - WITHERS, P. The dust trail complex of comet 79P/du Toit-Hartley and meteor outbursts at Mars. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, 2007, vol. 471, p. 321-329., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

3. [9] JENNISKENS, P. - VAUBAILLON, J. Aurigid predictions for 2007 September 1. In WGN, JOURNAL OF THE INTERNATIONAL METEOR ORGANIZATION. ISSN 1016-3115, 2007, vol. 35, no. 2, p. 30-34., NASA ADS

KRESÁK, Ľubor. Dynamical interrelations among comets and asteroids, In: *Asteroids*, ed. T.Gehrels, Tucson, 1979, ISBN 8165-0428-8, p. 289-309.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] HICKS, M.D.- BAUER, J.M. P/2006 HR30 (Siding Springs): A low-activity comet in near-earth space. In ASTROPHYSICAL JOURNAL, ISSN 0004-637X, 2007, vol. 662, L47-L50., WOS

KRESÁK, Ľubor. Structure and evolution of meteor streams. In IAU Symp. 33, *Physics and Dynamics of Meteors*, eds. Ľ.Kresák and P.M.Millman, D. Reidel Publ. Company, Dordrecht-Holland, 1968, p.391-403.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] RUBINCAM, David P. - PADDACK, Stephen J. As tiny worlds turn. In SCIENCE. ISSN 0036-8075, 2007, vol. 316, p. 211-212., WOS

KRESÁK, Ľubor. The bias of the distribution of cometary orbits by observational selection. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1975, vol.26, p.92-111.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] NESLUŠAN, L. The fading problem and the population of the Oort cloud. In ASTRONOMY AND ASTROPHYSICS. ISSN 0004-6361, 2007, vol. 461, p. 741-750., WOS

KRESÁK, Ľubor. The outbursts of periodic comet Tuttle-Giacobini-Kresak. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1974, vol.25, p.293-304.

**Citácie registrované v iných citačných indexoch a databázach: 2**

1. [9] GRONKOWSKI, P. A model of cometary outbursts based on the idea of fragmentation of ice grains. In MONTHLY NOTICES OF THE ROYAL

ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 379, p. L30-L34., NASA ADS

2. [9] GRONKOWSKI, P. The search for a cometary outbursts mechanism: a comparison of various theories. In *ASTRONOMISCHE NACHRICHTEN*. ISSN 0004-6337, 2007, vol. 328, p. 126-136., NASA ADS

KRESÁK, Ľubor - KRESÁKOVÁ, Margita. The mass loss rates of periodic comets, In: *The Diversity and Similarity of Comets*, eds. E.J.Rolfe and B.Batrick, European Space Agency Special Publications 278, 1987, ISSN 0379-6566, p.739-744.

**Citácie registrované v indexoch WOS: 1**

1. [1.1.] REACH, W.T.- KELLEY, M.S.- SYKES, M.V. A survey of debris trails from short-period comets. In *ICARUS*. ISSN 0019-1035, 2007, vol. 191, p.298-322. WOS

KRESÁK, Ľubor - KRESÁKOVÁ, Margita. Updating of the catalog of absolute magnitudes of periodic comets. In *Planetary and Space Science*. ISSN 0032-0633, 1994, vol. 42, p. 199-204. (1.842 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] REACH, W.T. - KELLEY, M.S. - SYKES, M.V. A survey of debris trails from short-period comets. In *ICARUS*. ISSN 0019-1035, 2007, vol. 191, p. 298-322., WOS

KRESÁK, Ľubor - PITTICH, Eduard M. The intrinsic number density of active long-period comets in the inner solar system. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1978, vol.29, p.299-309.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] NESLUŠAN, L. The fading problem and the population of the Oort cloud. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 461, p. 741-750., WOS

KRESÁK, Ľubor - PORUBČAN, Vladimír. The dispersion of meteors in meteor streams. I. The size of the radiant areas. In *Bulletin of the Astronomical Institutes of Czechoslovakia*, ISSN 0004-6248, 1970, Vol. 21, p. 153-169.

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

1.[4] HAJDUKOVÁ, M. Vplyv chýb v určení polohy radiantov meteorov na hyperbolické dráhy. In *METEORICKÉ SPRÁVY*, 2007, vol. 28, p. 12-16.

KRESÁK, Ľubor - SLANČÍKOVÁ, Judita. On the structure of the Giacobinid meteor shower. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1975, vol.26, p.327-342.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] KOTEN, P. - BOROVIČKA, J. - SPURNÝ, P. - STORK, R. Optical observations of enhanced activity of the 2005 Draconid meteor shower. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 466, p. 729-735., WOS

KRTIČKA, Jiří - MIKULÁŠEK, Zdeněk - ZVERKO, Juraj - ŽIŽŇOVSKÝ, Jozef. The light variability of the helium strong star HD 37776 as a result of its inhomogenous elemental surface distribution. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2007, vol. 470, p. 1089-1098. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] SMITH, M.A. - BOHLENDER, D.A. Variations of the high-level Balmer line

spectrum of the helium-strong star sigma Orionis. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, DEC 2007, vol. 475, no. 3, p. 1027-1037., WOS

KUBÁČEK, Dalibor - PITTICH, Eduard - ZVOLÁNKOVÁ, Judita - TICHÁ, Jana - TICHÝ, Miloš. Aberration angles of comet Bradfield 1987 29 plasma tail. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1995, vol. 25, p. 83-89.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] SIZONENKO, YU. V. Comets C/2001 Q4 and C/2004 Q2: structure of plasma tails. In *KINEMATICS AND PHYSICS OF CELESTIAL BODIES*. ISSN 0884-5913, 2007, vol. 23, no. 5, p. 207-213., NASA ADS

KUČERA, Aleš - BALTHASAR, Horst - RYBÁK, Ján - WOEHL, Hubertus. Heights of formation of Fe I photospheric lines. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1998, vol.332, no.3, p.1069-1074.  
(4.259 - IF 2007).

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] RUTTEN, R.J. Observing of solar chromosphere. In *ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES*. ISBN 978-1-58381-235-8, 2007, vol. 368, p. 27-48., NASA ADS

KUČERA, Aleš - RYBÁK, Ján - WÖHL, Hubertus. Observations of Fe I lines in the quiet solar photosphere. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1995, vol.298, p.917-922.  
(4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] CHEUNG, M.C.M. - SCHUSSLER, M. - MORENO-INSERTIS, F. The origin of the reversed granulation in the solar photosphere. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, JAN 2007, vol. 461, no. 3, p. 1163-1171., WOS

KUDELA, Karel - RYBÁK, Ján - ANTALOVÁ, Anna - STORINI, Marisa. Time Evolution of Low Frequency Periodicities in Cosmic Ray Intensity. In *Solar Physics*, ISSN 0038-0938, 2002, vol. 205, p. 165-175.

**Citácie registrované v indexoch WOS: 2**

1. [1.1] CHARVATOVA, I. In *ANNALES GEOPHYSICAE*, ISSN 0992-7689, 2007, vol. 25, p.1227-1232., WOS
2. [1.1] SABBAH, I. - DULDIG, M.L. In *SOLAR PHYSICS*, ISSN 0038-0938, 2007, vol. 243, p.231-235., WOS

LINDBLAD, Bertil A. - NESLUŠAN, Luboš - PORUBČAN, Vladimír - SVOREŇ, Ján. IAU meteor database of photographic orbits - version 2003. In *Earth, Moon and Planets*. ISSN 0167-9295, 2003, vol. 93, p. 249-260. (0.558 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [2.1] HAJDUKOVÁ, M. - PAULECH, T. Hyperbolic and interstellar meteors in the IAU MDC radar data. In *CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO*. ISSN 1335-1842, 2007, vol. 37, p. 18-30., WOS

**Citácie v publikáciách neregistrovaných v citačných indexoch: 3**

2. [4] HAJDUKOVÁ, M. Vplyv chýb v určení polohy radiantov meteorov na hyperbolické dráhy. In *METEORICKÉ SPRÁVY*, 2007, vol. 28, p. 12-16.
3. [4] KORNOŠ, L. - TÓTH, J. - VEREŠ, P. Příbram a Neuschwanstein. In *METEORICKÉ SPRÁVY*, 2007, vol. 28, p. 83-90.

4. [3] TRIGO-RODRÍGUEZ, J.M. - LLORCA, J. Meteoroids and IDPs of cometary origin: lessons from Stardust. In EUROPEAN PLANETARY SCIENCE CONGRESS, 2007, vol. 2, A-00471.

LINDBLAD, Bertil A. - NESLUŠAN, Luboš - SVOREŇ, Ján - PORUBČAN, Vladimír. The updated version of the IAU MDC database of photographic meteor orbits. In: *Meteoroids - European Space Agency Special Publications* 495, ed. B. Warmbein, European Space Agency, Noordwijk, 2001, ISBN 92-9092-805-0, p.73-75.

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

1. [4] HAJDUKOVA, M. - PAULECH, T. Hyperbolic and interstellar meteors in the IAU MDC radar data. In CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO. ISSN 1335-1842, 2007, vol. 37, p. 18-30.

LINDBLAD, Bertil A. - PORUBČAN, Vladimír. Radiant ephemeris and radiant area of the Perseid meteoroid stream. In *Earth, Moon, and Planets* ISSN 0167-9295, 1995, vol.68, p. 409-418 (0.558 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] IYE, M. - TANAKA, M. - YANAGISAWA, M. - EBIZUKA, N. - OHNISHI, K. - HIROSE, C. - ASAMI, N. - KOMIYAMA, Y. - FURUSAWA, H. SuprimeCam observation of sporadic meteors during Perseids 2004. In PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN. ISSN 0004-6264, 2007, vol. 59, p. 841-855., WOS

MAYER, Pavel - CHOCHOL, Drahomír - HANNA, Magdy A. - WOLF, Marek. Radial velocities of six early-type evolved stars. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1994, vol.24, p.65-68.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] McSWAIN, M.V. - BOYAJIAN, T.S. - GRUNDSTROM, E.D. - GIES, D.R. A spectroscopic study of field and runaway OB stars. In THE ASTROPHYSICAL JOURNAL. ISSN 0004-637X, 2007, vol. 655, no. 1, p. 473-483., NASA ADS

MAYER, Pavel - LORENZ, Reinald - CHOCHOL, Drahomír - IRSMAMBETOVA, Tatyana R. SZ Cam - early-type eclipsing binary with a third body. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1994, vol.288, p.L13-L16. (4.259 - IF 2007).

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GORDA, S.YU. - BALEGA, YU.YU. - PLUZHNIK, E.A. - SHKHAGOSHEVA, Z.U. Parameters of the apparent relative orbit of the third body in the SZ Cam system. In ASTROPHYSICAL BULLETIN. ISSN 1990-3413, 2007, vol. 62, no. 4, p. 352-359., NASA ADS

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

2. [3] MICHALSKA, G. - KUBÁT, J. - KORČÁKOVÁ, D. - KAWKA, A. - CENIGA, M. - KUČEROVÁ, B. - VOTRUBA, V. The Multiple System SZ Cam. In PROCEEDINGS OF IAU SYMPOSIUM No. 240. ISBN 0521863481, 2007, vol. 240, p. 555-557.

MCINTOSH, Bruce A. - HAJDUK, Anton. Comet Halley meteor stream: A new model. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 1983, vol.205, p.931-943. (5.249 - IF 2007).

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] TRIGO-RODRIGUEZ, J.M. - MADIEDO, J.M. - LLORCA, J. - GURAL, P.S. -

PUJOLS, P. - TEZEL, T. The 2006 Orionid outburst imaged by all-sky CCD cameras from Spain: meteoroid spatial fluxes and orbital elements. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 380, p. 126-132., NASA ADS

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, 2004, p. 317-335.

**Citácie v publikáciách neregistrovaných v citačných indexoch: 11**

1. [3] FERRÍN, I. Secular light curve of Comet 9P/Tempel 1. In ICARUS. ISSN 0019-1035, 2007, vol. 191, Iss. 2, p. 567-572.
2. [3] FERRÍN, I. Secular light curves of comets, II: 133P/Elst Pizarro, an asteroidal belt comet. In ICARUS. ISSN 0019-1035, 2006, vol. 185, p. 523-543.
3. [3] FURUSHO, R. - IKEDA, Y. - KINOSHITA, D. - IP, W.-H. - KAWAKITA, H. - KASUGA, T. - SATO, Y. - LIN, H.-C. - CHANG, M.-S. - LIN, Z.-Y. - WATANABE, J.-I. Imaging polarimetry of comet 9P/Tempel before and after Deep Impact. In ICARUS. ISSN 0019-1035, 2007, vol. 190, p. 454-458.
4. [3] FURUSHO, R. - KAWAKITA, H. - FUSE, T. - WATANABE, J. Forbidden oxygen emission lines of Comet 116P/Wild 4 at 2.4 AU. In ADVANCES IN SPACE RESEARCH. ISSN 0273-1177, 2006, vol. 38, p. 1983-1986.
5. [3] KADONO, T. - SUGITA, S. - SAKO, S. - OOTSUBO, T. - HONDA, M. - KAWAKITA, H. - MIYATA, T. - FURUSHO, R. - WATANABE, J. The Thickness and Formation Age of the Surface Layer on Comet 9P/Tempel. In THE ASTROPHYSICAL JOURNAL LETTERS. ISSN 0004-637X, 2007, vol. 661, L89-L92.
6. [3] MAZZOTTA EPIFANI, E. - PALUMBO, P. - CAPRIA, M.T. - CREMONESE, G. - FULLE, M. - COLANGELI, L. The distant activity of short-period comets - I. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY LETTERS. ISSN 1745-3925, 2007, vol. 381, p. 713-722.
7. [3] MAZZOTTA EPIFANI, E. - PALUMBO, P. - CAPRIA, M.T. - CREMONESE, G. - FULLE, M. - COLANGELI, L. The dust coma of the active Centaur P/2004 A1 (LONEOS): a CO-driven environment? In ASTRONOMY AND ASTROPHYSICS. ISSN 0365-0138, 2006, vol. 460, p. 935-944.
8. [3] REACH, T. - KELLEY, M.S. - SYKES, M.V. A survey of debris trails from short-period comets. In ICARUS. ISSN 0019-1035, 2007, vol. 191, p. 298-322.
9. [3] SMITH, M. - BLOCK, K. - BYRAM, S. - KARPOWICZ, B.M. - LANZA, N. - MASIERO, J. - MILLER, C. - SINGER, S. - SMITH, B. - WINFIELD, A. - WYE, L. - BALINT, T. The Wirtanen Analysis and Surface Probe: Concept for a New Frontiers Comet Surface Sample Return Mission. In BULLETIN OF THE AMERICAN ASTRONOMICAL SOCIETY. ISSN 0002-7537, 2007, vol. 39, p. 478.
10. [3] SUGITA, S. - KADONO, T. - SAKO, S. - OOTSUBO, T. - HONDA, M. - KAWAKITA, H. - FURUSHO, R. - WATANABE, J. MID-IR Observations of Deep Impact Reveal the Primordial Origin of a Surface of Comet 9P/Tempel 1. In LUNAR AND PLANETARY SCIENCE. ISSN 1095-9203, 2007, vol. 38, 1911.pdf.
11. [3] WOODWARD, CH.E. - KELLEY, M.S. - BOCKELÉE-MORVAN, D. - GEHRZ, R.D.: Water in Comet C/2003 K4 (LINEAR) with Spitzer. In THE ASTROPHYSICAL JOURNAL. ISSN 0004-637X, 2007, vol. 671, p. 1065-1074.

MIKULÁŠEK, Zdeněk - SVOREŇ, Ján - ŽIŽŇOVSKÝ, Jozef: Atmospheric extinction at the Brno and Skalnaté Pleso Observatories. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2003, vol. 33, p. 21-28.

### **Citácie v publikáciách neregistrovaných v citačných indexoch: 2**

1. [3] BUDDING, E., DEMIRCAN, O. Themes of astronomical photometry. In INTRODUCTION TO ASTRONOMICAL PHOTOMETRY. ISBN-10: 0521847117, Cambridge, University Press, 2007, p. 72-160.
2. [3] FERRERO, G.A. - GUEVARA DAY, W.R. - NAVARRETE, V. - PELAYO, M. Searching astronomical sites in Peru: Determinant variables analysis. In ENCUESTRO CIENTIFICO INTERNATIONAL PERU. ISSN 1813-0194, 2006, vol. 3, p. 25-28.

MINAROVJECH, Milan - RYBANSKÝ, Milan - RUŠIN, Vojtech. Time-latitude Prominence and the Green Corona Distribution Over the Solar Activity Cycle. In *New Perspectives on Prominences, IAU Colloquium 167*. 1998. ISBN 1-886733-70-8, 1, p.484-487.

### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] LI, K.J. - MU, J. - LI, Q.X. On long-term solar activity at high latitudes. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY: LETTERS. ISSN 0035-8711, 2007, vol. 376, no. 1, p. L39-L42., NASA ADS

MINAROVJECH, Milan - RYBANSKÝ, Milan - RUŠIN, Vojtech. Prominences and the green corona over the solar activity cycles. In *Solar Physics*. ISSN 0038-0938, 1998, vol.177, p.357-364. (2.479 - IF 2007).

### **Citácie registrované v indexoch WOS: 1**

1. [1.1] LI, K.J. - LI, Q.X. - GAO, P.X. - MU, J. - CHEN, H.D. - SU, T.W. Activity cycle of solar filaments. In JOURNAL OF ASTROPHYSICS AND ASTRONOMY. ISSN 0250-6335, JUN-SEP 2007, vol. 28, no. 2-3, p. 147-156., WOS

MINAROVJECH, Milan - RUŠIN, Vojtech - RYBANSKÝ, Milan - SAKURAI, Takashi - ICHIMOTO, Kiyoshi. Oscillations in the coronal green line intensity observed at Lomnický štít and Norikura nearly simultaneously. In *Solar Physics*. ISSN 0038-0938, 2003, vol 213, p. 269-290. (2.479 - IF 2007).

### **Citácie registrované v indexoch WOS: 1**

1. [1.1] TOMCZYK, S. - MCINTOSH, S.W. - KEIL, S.L. - JUDGE, P.G. - SCHAD, T. - SEELEY, D.H. - EDMONDSON, J. Alfvén waves in the solar corona. In SCIENCE. ISSN 0036-8075, AUG 31 2007, vol. 317, no. 5842, p. 1192-1196., WOS

NESLUŠAN, Luboš. An orbital inhomogeneity of new comets and the fading problem. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2006, vol. 36, p. 5-14.

### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] TRIMBLE, V. - ASCHWANDEN, M.J. - HANSEN, C.J. Astrophysics in 2006. In SPACE SCIENCE REVIEWS. ISSN 0038-6308, 2007, vol. 132, no. 1, p. 1-182., NASA ADS

NESLUŠAN, Luboš. On the global electrostatic charge of stars. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2001, vol.372, p.913-915. (4.259 - IF 2007).

### **Citácie registrované v indexoch WOS: 2**

1. [1.1] RAY, S. - DAS, B. - RAHAMAN, F. - RAY, S. Physical properties of Tolman-Bayin solutions: Some cases of static charged fluid spheres in general relativity. In INTERNATIONAL JOURNAL OF MODERN PHYSICS D. ISSN 0218-2718, 2007, vol. 16, p. 1745-1759., WOS
2. [1.1] THORNHILL, W. The Z-pinch morphology of supernova 1987A and electric

stars. In IEEE TRANSACTIONS ON PLASMA SCIENCE. ISSN 0093-3813, 2007, vol. 35, p. 832-844., WOS

NESLUŠAN, Luboš. The potential meteoroid streams crossing the orbits of terrestrial planets. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2005, vol. 35, p.163-179.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] TRIMBLE, V. - ASCHWANDEN, M.J. - HANSEN, C.J. Astrophysics in 2006. In SPACE SCIENCE REVIEWS. ISSN 0038-6308, 2007, vol. 132, no. 1, p. 1-182., NASA ADS

NESLUŠAN, Luboš - SVOREŇ, Ján - PORUBČAN, Vladimír. A computer program for calculation of a theoretical meteor-stream radiant. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1998, vol.331, p.411-413.

**Citácie registrované v indexoch WOS: 2**

1. [1.1] VAUBAILLON, J. - JENNISKENS, P. Dust trail evolution applied to long-period comet C/1854 L1 (Klinkerfues) and the epsilon-Eridanids. In ADVANCES IN SPACE RESEARCH. ISSN 0273-1177, 2007, vol. 39, p. 612-615., WOS
2. [1.1] TRIGO-RODRIGUEZ, J.M. - MADIEDO, J.M. - LLORCA, J. - GURAL, P.S. - PUJOLS, P. - TEZEL, T. The 2006 Orionid outburst imaged by all-sky CCD cameras from Spain: meteoroid spatial fluxes and orbital elements. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 380, p. 126-132., WOS

**Citácie v publikáciách neregistrovaných v citačných indexoch: 2**

3. [3] ARLT, R. - RENDTEL, J. A new working list of meteor showers. In PROC. OF THE INTERNATIONAL METEOR CONFERENCE, 14-17. Sept. 2006, Roden, the Netherlands, eds. F.Bettonvil and J.Kac, Publ. IMO, ISBN 978-2-87355-018-9, 2007, p. 76-86.
4. [4] VEREŠ, P. - TÓTH, J. - KLAČKA, J. - KÓMAR, L.: Slapy ako mechanizmus úniku asteroidálnych meteoroidov. In METEORICKÉ SPRÁVY. 2007, vol. 28, p. 75-82.

ÖZGÜC, Atila - ATAÇ, Tamer - RYBÁK, Ján. Temporal variability of the flare index (1966-2001). In *Solar Physics* ISSN 0038-0938, 2003, vol. 214, p. 375-396. (2.479 - IF2007).

**Citácie registrované v indexoch WOS: 5**

1. [1.1] OBRIDKO, V.N. - SHELTING, B.D. Occurrence of the 1.3-year periodicity in the large-scale solar magnetic field for 8 solar cycles. In ADVANCES IN SPACE RESEARCH. ISSN 0273-1177, 2007, vol. 40, no. 7, p. 1006-1014., WOS
2. [1.1] YIN, Z.Q. - HAN, Y.B. - MA, L.H. - LE, G.M. - HAN, Y.G. Short-term period variation of relative sunspot numbers. In CHINESE JOURNAL OF ASTRONOMY AND ASTROPHYSICS. ISSN 1009-9271, 2007, vol. 7, no. 6, p. 823-830., WOS
3. [1.1] SEN, A.K. - LITAK, G. - SYTA, A. Cutting process dynamics by nonlinear time series and wavelet analysis. In CHAOS. ISSN 1054-1500, JUN 2007, vol. 17, no. 2., Art. No. 023133., WOS
4. [1.1] SEN, A.K. Multifractality as a measure of complexity in solar flare activity. In SOLAR PHYSICS. ISSN 0038-0938, MAR 2007, vol. 241, no. 1, p. 67-76., WOS
5. [1.1] FORGACS-DAJKA, E. - BORKOVITS, T. Searching for mid-term variations in different aspects of solar activity - looking for probable common origins and studying temporal variations of magnetic polarities. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, JAN 2007, vol. 374, no. 1, p. 282-291., WOS



### **Citácie registrované v databáze Scopus: 1**

6. [1.2] SONG, W.B. - WANG, J.X. Periodicities in solar filament activity. In ACTA ASTRONOMICA SINICA. ISSN 0001-5245, 2007, vol. 48, no. 1, p. 29-35., SCOPUS

ÖZGÜC, Atila - ATAÇ, Tamer - RYBÁK, Ján. Evaluation of the short-term periodicities in the flare index between the years 1966-2002. In *Solar Physics*. ISSN 0038-0938, 2004, vol. 223, p. 287-304. (2.479 - IF2007).

### **Citácie registrované v indexoch WOS: 2**

1. [1.1] YIN, Z.Q. - HAN, Y.B. - MA, L.H. - LE, G.M. - HAN, Y.G. Short-term period variation of relative sunspot numbers. In CHINESE JOURNAL OF ASTRONOMY AND ASTROPHYSICS. ISSN 1009-9271, 2007, vol. 7, no. 6, p. 823-830., WOS

2. [1.1] SEN, A.K. Multifractality as a measure of complexity in solar flare activity. In SOLAR PHYSICS. ISSN 0038-0938, MAR 2007, vol. 241, no. 1, p. 67-76., WOS

PARIMUCHA, Štefan - ARKHIPOVA, Vera P. - CHOCHOL, Drahomír - KROLL, Peter - PRIBULLA, Theodor - SHUGAROV, Sergey Yu. - ULYANIKHINA, Oksana - CHINAROVA, Lydia. L. Long-term photometry of the symbiotic nova V1016 Cyg. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2000, vol.30, p.99-116.

### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] SKOPAL, A. On the effect of emission lines on UBV photometry. In NEW ASTRONOMY. ISSN 1384-1076, OCT 2007, vol. 12, no. 7, p. 597-604., NASA ADS

PARIMUCHA, Štefan - VAŇKO, Martin. Determination of the Interstellar Extinction of Symbiotic Stars from the Ultraviolet Continuum. In *Astronomical Society of the Pacific Conference Series*. 2006, ISBN 1-58381-217-2, vol. 349, p. 309.

### **Citácie registrované v iných citačných indexoch a databázach: 1**

1.[9] PHILLIPS, J. P. 2MASS near-infrared photometry of symbiotic stars. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, ISSN 0035-8711, 2007, vol. 376, Issue 3, p. 1120 - 1132., NASA ADS

PASACHOFF, Jay M. - RUŠIN, Vojtech - DRUCKMÜLLER, Miloslav - SANIGA, Metod. Fine structures in the white-light solar corona at the 2006 eclipse. In *The Astrophysical Journal*. ISSN 0004-637X, 2007, vol. 665, p. 824-829. (6.405 - IF2007).

### **Citácie registrované v databáze Scopus: 1**

1. [1.2] ST. CYR, O.C - DAVILA, J.M. - GUHATHAKURTA, M. - SENSENEY, R.S. Science eclipses politics during 2006 U. S. eclipse expedition to Libya. In THE EOS, TRANSACTIONS AMERICAN GEOPHYSICAL UNION. ISSN 0096-3941, 2007, vol. 88, p. 539-540., SCOPUS

PITTICH, Eduard. Space distribution of the splitting and outbursts of comets. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1971, vol.22, p.143-153.

### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GRONKOWSKI, P. The search for a cometary outbursts mechanism: a comparison of various theories. In ASTRONOMISCHE NACHRICHTEN. ISSN 0004-6337, 2007, vol. 328, p. 126-136., NASA ADS

PITTICH, Eduard - KLAČKA, Jozef. Origin of the Taurid meteor stream. In *Planetary and Space Science*. ISSN 0032-0633, 1998, vol.46, p.881-886. (1.842 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] DUBIETIS, A. - ARLT, R. Taurid resonant-swarm encounters from two decades of visual observations. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 376, p. 890-894., WOS

PITTICHOVÁ, Jana - SEKANINA, Zdenek - BIRKLE, Kurt - BOENHARDT, Herman - ENGELS, Dieter - KELLER, Lindsay, P. An Early Investigation of the Striated Tail of Comet Hale-Bopp (C/1995 O1). In *Earth, Moon, and Planets*. ISSN 167-9295, 1997, vol. 78, p. 329-338.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] OBEREC, P. Organics-glued dust aggregates in Halley's coma and some implications of the snow line inward motion for the formation of comets. In ICARUS. ISSN 0019-1035, 2007, vol. 186, p. 303-316., NASA ADS

PLANAT, Michel - SANIGA, Metod. Galois algebras of squeezed quantum phase states. In *Journal of Optics B: Quantum Semiclass Optics*. ISSN 1464-4266 2005, vol. 7, p. S484-S489. (1.813 IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] ALBOUY, O. - KIBLER, M.R. SU<sub>2</sub> nonstandard bases: case of mutually unbiased bases. In SYMMETRY, INTEGRABILITY AND GEOMETRY: METHODS AND APPLICATIONS. ISSN 1815-0659, 2007, vol. 3, paper 076.

PLANAT, Michel - SANIGA, Metod. Pauli graph and finite projective lines/geometries. In *Photon Counting Applications, uantum optics, and Quantum Cryptography, Proceedings of the SPIE International Conference on Optics and Optoelectronics*, Editors: Ivan Prochazka, Alan L. Migdall, Alexandre Pauchard, Miloslav Dusek, Mark S. Hillery, Wolfgang P. Schleich, ISBN: 9780819467119, 2007. Vol. 6583, p. 1-12.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] VOURDAS, A. Quantum systems with finite Hilbert space: Galois fields in quantum mechanics. In JOURNAL OF PHYSICS A: MATHEMATICAL AND THEORETICAL. ISSN 1751-8113, 2007, vol. 40, no. 33, p. R285-R331., WOS

PLANAT, Michel - SANIGA, Metod. Abstract algebra, projective geometry and time encoding of quantum information. In *Proceedings of the ZiF Interdisciplinary Research Workshop on Endophysics, Time, Quantum and the Subjective*, World Scientific, 2005. ISBN 981-256-509-4. p. 409-426.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] LEVAY, P. Strings, black holes, the tripartite entanglement of seven qubits, and the Fano plane. In PHYSICAL REVIEW D. ISSN 1550-7998, 2007, vol. 75, p. 0240241-02402419. WOS

PLANAT, Michel - SANIGA, Metod - KIBLER, Maurice R. Quantum entanglement and projective ring geometry, In *Symmetry, Integrability and Geometry: Methods and Applications*. ISSN 1815-0659, 2006, vol. 2, paper 066, 14 pages.

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

PORUBČAN, Vladimír - CEVOLANI, Giordano. Unusual display of the Lyrid meteor shower in 1982. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1985, vol.13, p.247-253.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] RENDTEL, J. - ARLT, R. The Lyrid meteor shower in 2006 and 2007. In JOURNAL OF THE INTERNATIONAL METEOR ORGANIZATION. ISSN 1016-3115, 2007, vol. 35, p. 74-78., NASA ADS

PORUBČAN, Vladimír - GETMAN, Vladimir S. Distribution of meteor heights and solar cycle activity. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1992, vol. 22, p. 33-39.

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

1. [3] DUBIETIS, A. - ARLT, R. Long-term variability of visual sporadic meteor rates. In JOURNAL OF THE INTERNATIONAL METEOR ORGANIZATION. ISSN 1016-3115, 2007, vol. 35, p. 134-138.

PORUBČAN, Vladimír - HAJDUK, Anton - MCINTOSH, Bruce A. Visual meteor results from International Halley Watch. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1991, vol.42, p.199-204.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] RENDTEL, J. Three days of enhanced Orionid activity in 2006 - Meteoroids from a resonance region? In JOURNAL OF THE INTERNATIONAL METEOR ORGANIZATION. ISSN 1016-3115, 2007, vol. 35, no. 2, p. 41-45., NASA ADS

PRIBULLA, Theodor. Efficiency of the mass transfer and outflow in close binaries. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1998, vol.28, no.2, p.101-108.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] SEPINSKY, J.F. - WILLEMS, B. - KALOGERA, V. - RASIO, F.A. Interacting binaries with eccentric orbits: secular orbital evolution due to conservative mass transfer. In THE ASTROPHYSICAL JOURNAL. ISSN 0004-637X, 2007, vol. 667, no. 2, p. 1170-1184., NASA ADS

PRIBULLA, Theodor - BALUŽANSKÝ, Daniel - CHOCHOL, Drahomír - CHRASTINA, Marek - PARIMUCHA, Štefan - PETRÍK, Karol - SZÁSZ, Gabriel - VAŇKO, Martin - ZBORIL, Milan. New minima of selected eclipsing close binaries. In *Information Bulletin on Variable Stars*. ISSN 0374-0676, 2006, no. 5668, p. 1-6.

**Citácie registrované v iných citačných indexoch a databázach: 4**

1. [9] OZKARDES, B. - ERDEM, A. Photometric analysis of the contact binary system V829 Hercules. In ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES. ISBN 978-1-58381-238-9, 2007, vol. 370, p. 237-243., NASA ADS
2. [9] SANCHEZ-BAJO, F. - GARCIA-MELENDO, E. - GOMEZ-FORRELLAD, J.M. Photometric study of the W UMa eclipsing binaries VW LMi and BX Dra. In ASTROPHYSICS AND SPACE SCIENCE. ISSN 0004-640X, 2007, vol. 312, no. 3-4, p. 151-159., NASA ADS
3. [9] YUAN, J. - QIAN, S. Variation of the period and light curves of the solar-type contact binary EQ Tauri. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 381, no. 2, p. 602-610., NASA ADS

4. [9] ZHANG, X.B. - ZHANG, R.X. The physical nature of the short-period RS CVn system DV Psc. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 382, no. 3, p. 1133-1138., NASA ADS

PRIBULLA, Theodor - CHOCHOL, Drahomír - HECKERT, Paul - ERRICO, Luigi - VITTONI, Alberto - PARIMUCHA, Štefan - TEODORANI, Massimo. An active binary XY UMa revisited. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2001, vol. 371, 997-1011. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] ZHANG, L.Y. - GU, S.H. Photometric study of the short-period RS Canum Venaticorum binary RT Andromedae. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, AUG 2007, vol. 471, no. 1, p. 219-U16., WOS

PRIBULLA, Theodor - CHOCHOL, Drahomír - MILANO, Leopoldo. - ERRICO, Luigi - VITTONI, Alberto A. - BARONE, Fabricio - PARIMUCHA, Štefan. Active eclipsing binary RT Andromedae revisited. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2000, vol. 362, p. 169-188. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] ZHANG, L.Y. - GU, S.H. Photometric study of the short-period RS Canum Venaticorum binary RT Andromedae. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, AUG 2007, vol. 471, no. 1, p. 219-U16., WOS

PRIBULLA, Theodor - CHOCHOL, Drahomír - PARIMUCHA, Štefan. Photoelectric minima of some eclipsing systems. In *Information Bulletin on Variable Stars*. ISSN 0374-0676, 1999, no.4751, p.1-4.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] ZHANG, L.Y. - GU, S.H. Photometric study of the short-period RS Canum Venaticorum binary RT Andromedae. In ASTRONOMY AND ASTROPHYSICS. ISSN 0004-6361, 2007, vol. 471, no. 1, p. 219-226., NASA ADS

PRIBULLA, Theodor - CHOCHOL, Drahomír - TREMKO, Jozef - KREINER, Jerzy M. The light-time effect in short-period eclipsing binaries. In *The light-time effect in astrophysics: causes and cures of the O-C diagram*. - San Francisco: Astronomical Society of the Pacific, 2005. ISBN 1-58381-200-8, p. 103-113.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] PILECKI, B. - FABRYCKY, D. - POLESKI, R. All-sky automated survey eclipsing binaries with observed high period change rates. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 378, no. 2, p. 757-767., NASA ADS

PRIBULLA, Theodor - CHOCHOL, Drahomír - TREMKO, Jozef - PARIMUCHA, Štefan - VANKO, Martin - KREINER, Jerzy M. Period study of the contact system VW Cep. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2000, vol. 30, no. 2, p. 117-139.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] ZASCHE, P. - WOLF, M. Combining astrometry with the light-time effect: the case of VW Cep, ZETA Phe and HT VIR. In ASTRONOMISCHE NACHRICHTEN. ISSN 0004-6337, 2007, vol. 328, no. 9, p. 928-937., NASA ADS

PRIBULLA, Theodor - CHOCHOL, Drahomír - VITTONI, Alberto A. Short-period active binaries - Retrospect and prospects. In *Chinese Journal of Astronomy and Astrophysics*. ISSN 1009-9271, 2003, vol. 3, p. 361-366. (0.652 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] ZHANG, L.Y. - GU, S.H. Photometric study of the short-period RS Canum Venaticorum binary RT Andromedae. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, AUG 2007, vol. 471, no. 1, p. 219-U16., WOS

PRIBULLA, Theodor - KREINER, Jerzy M. - TREMKO, Jozef. Catalogue of the field contact binary stars. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2003, vol. 33, no. 1, p. 38-70.

**Citácie registrované v iných citačných indexoch a databázach: 7**

1. [9] DE CAT, P. - BRIQUET, M. - AERTS, C. - GOOSSENS, K. - SAESEN, S. - CUYPERS, J. - YAKUT, K. - SCUFLAIRE, R. - DUPRET, M.A. - YTTERHOEVEN, K. - VAN WINCKEL, H. - RASKIN, G. - DAVIGNON, G. - LE GUILLOU, L. - VAN MALDEREN, M. - REYNIERS, M. - ACKE, B. - DE MEESTER, W. - VANAUTGAERDEN, J. - VANDENBUSSCHE, B. - VERHOELST, T. - WAELKENS, C. - DEROO, P. - REYNIERS, K. - AUSSELOOS, M. - BROEDERS, E. - DASZYNSKA-DASZKIEWICZ-DEBOSSCHER, J. - DE RUYTER, S. - LEFEVER, K. - DECIN, G. - KOLENBERG, K. - MAZUMDAR, A. - VAN KERCKHOVEN, C. - DE RIDDER, J. - DRUMMOND, R. - BARBAN, C. - VANHOLLEBEKE, E. - MAAS, T. - DECIN, L. Long term photometric monitoring with the Mercator telescope. Frequencies and mode identification of variable O-B stars. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 463, no. 1, p. 243-249., NASA ADS
2. [9] DUERBECK, H.W. - RUCINSKI, S.M. Radial velocity studies of southern close binary stars. II. spring/summer systems. In *ASTRONOMICAL JOURNAL*. ISSN 0004-6256, 2007, vol. 133, no. 1, p. 169-176., NASA ADS
3. [9] MALKOV, O.YU. - OBLAK, E. - AVVAKUMOVA, E.A. - TORRA, J. A procedure for the classification of eclipsing binaries. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 465, no. 2, p. 549-556., NASA ADS
4. [9] MOLI, P. - WOLF, M. - ZEJDA, M. New period study of the eclipsing binary V865 Cygni. In *ASTROPHYSICS AND SPACE SCIENCE*. ISSN 0004-640X, 2007, vol. 310, no. 1-2, p. 149-152., NASA ADS
5. [9] NORTON, A.J. - WHEATLEY, P.J. - WEST, R.G. - HASWELL, C.A. - STREET, R.A. - COLLIER, C.A. - CHRISTIAN, D.J. - CLARKSON, W.I. - ENOCH, B. - GALLAWAY, M. - HELLIER, C. - HORNE, K. - IRWIN, J. - KANE, S.R. - LISTER, T.A. - NICHOLAS, J.P. - PARLEY, N. - POLLACO, D. - RYANS, R. - SKILLEN, I. - WILSON, D.M. New periodic variable stars coincident with ROSAT sources discovered using Super WASP. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 467, no. 2, p. 785-905., NASA ADS
6. [9] RUCINSKI, S. The short-period end of the contact binary period distribution based on the all-sky automated survey. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, 2007, vol. 382, no. 1, p. 393-396., NASA ADS
7. [9] SZALAI, T. - KISS, L.L. - MESZAROS, SZ. - VINKO, J. - CSIZMADIA, SZ. Physical parameters and multiplicity of five southern close eclipsing binaries. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 465, no. 3, p. 943-952., NASA ADS

PRIBULLA, Theodor - RUCINSKI, Slavek M. Contact binaries with additional components. I. The extant data. In *The Astronomical Journal*. ISSN 0004-6256, 2006, vol. 131, p. 2986-3007. (5.019 - IF2007).

**Citácie registrované v indexoch WOS: 15**

1. [1.1] BORKOVITS, T. - FORGACS-DAJKA, E. - REGALY, Z. Tidal and rotational effects in the perturbations of hierarchical triple stellar systems - II. Eccentric systems - The case of AS Camelopardalis. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, OCT 2007, vol. 473, no. 1, p. 191-U35., WOS
2. [1.1] FABRYCKY, D. - TREMAINE, S. Shrinking binary and planetary orbits by kozai cycles with tidal friction. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, NOV 10 2007, vol. 669, no. 2, Part 1, p. 1298-1315., WOS
3. [1.1] HE, J.J. - QIAN, S.B. An orbital period investigation of the W UMa-type binary Y Sextantis. In *PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN*. ISSN 0004-6264, 2007, vol. 59, no. 6, p. 1115-1119., WOS
4. [1.1] KALOMENI, B. - YAKUT, K. - KESKIN, V. - DEGIRMENCI, O.L. - ULAS, B. - KOSE, O. Absolute properties of the binary system BB Pegasi. In *ASTRONOMICAL JOURNAL*. ISSN 0004-6256, AUG 2007, vol. 134, no. 2, p. 642-647., WOS
5. [1.1] LI, L.F. - JIANG, T.Y. - ZHANG, F.H. - HAN, Z.W. - JIANG, D.K. Is the evolutionary outcome of Algol-type systems T Leonis Minoris and RW Monocerotis the WUMa systems?. In *PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN*. ISSN 0004-6264, 2007, vol. 59, no. 6, p. 1121-1126., WOS
6. [1.1] LI, L.F. - ZHANG, F.H. - HAN, Z.W. - JIANG, D.K. Formation and evolution of W Ursae Majoris contact binaries. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, JUN 10 2007, vol. 662, no. 1, Part 1, p. 596-601., WOS
7. [1.1] LIU, L. - QIAN, S.B. - BOONRUCKSAR, S. - ZHU, L.Y. - HE, J.J. - YUAN, J.Z. CCD photometric study of the contact binary TX Cnc in the young open cluster NGC 2632. In *PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN*. ISSN 0004-6264, 2007, vol. 59, no. 3, p. 607-614., WOS
8. [1.1] PILECKI, B. - FABRYCKY, D. - POLESKI, R. All-Sky Automated Survey eclipsing binaries with observed high period change rates. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, JUN 21 2007, vol. 378, no. 2, p. 757-767., WOS
9. [1.1] QIAN, S.B. - YUAN, J.Z. - SOONTHORNTHUM, B. - ZHU, L.Y. - HE, J.J. - YANG, Y.G. AD Cancri: A shallow contact solar-type eclipsing binary and evidence for a dwarf third component and a 16 year magnetic cycle. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, DEC 10 2007, vol. 671, no. 1, p. 811-820., WOS
10. [1.1] QIAN, S.B. - YUAN, J.Z. - XIANG, F.Y. - SOONTHORNTHUM, B. - ZHU, L.Y. - HE, J.J. Ternarity, activity, and evolutionary state of the WUMa-type binary UX Eridani. In *ASTRONOMICAL JOURNAL*. ISSN 0004-6256, NOV 2007, vol. 134, no. 5, p. 1769-1776., WOS
11. [1.1] SZALAI, T. - KISS, L.L. - MESZAROS, S. - VINKO, J. - CSIZMADIA, S. Physical parameters and multiplicity of five southern close eclipsing binaries. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, APR 2007, vol. 465, no. 3, p. 943-952., WOS
12. [1.1] TORRES, G. - LATHAM, D.W. - STEFANIK, R.P. Cross-correlation in four dimensions: Application to the quadruple-lined spectroscopic system HD 110555. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, JUN 10 2007, vol. 662, no. 1, Part 1, p. 602-612., WOS
13. [1.1] TRIMBLE, V. - ASCHWANDEN, M.J. - HANSEN, C.J. Astrophysics in 2006.

In SPACE SCIENCE REVIEWS. ISSN 0038-6308, SEP 2007, vol. 132, no. 1, p. 1-182., WOS

14. [1.1] YANG, Y.G. - DAI, J.M. - YIN, X.G. - XIANG, F.Y. Orbital period changes for the weak-contact binary TY bootis. In ASTRONOMICAL JOURNAL. ISSN 0004-6256, JUL 2007, vol. 134, no. 1, p. 179-184., WOS

15. [1.1] ZASCHE, P. - WOLF, M. Combining astrometry with the light-time effect: The case of VW Cep, zeta Phe and HT Vir. In ASTRONOMISCHE NACHRICHTEN. ISSN 0004-6337, SEP 2007, vol. 328, no. 9, p. 928-937., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

16. [9] IVANOVA, N. Stellar dynamics and feedback connections to stellar evolution. In HIGHLIGHTS OF ASTRONOMY. 2007, ISBN 978-0521-89683-2, vol. 14, p. 432-433., NASA ADS

PRIBULLA, Theodor - RUCINSKI, Slavek M. - WENXIAN, Lu - MOCHNACKI, Stefan W. - CONIDIS, George - BLAKE, R. M. - DEBOND, Heide - THOMSON, Jim R. - PSYCH, Vojtek - OGLOZA, Waldemar - SIWAK, Michal. Radial velocity studies of close binary stars. XI. In *The Astronomical Journal*. ISSN 0004-6256, 2006, vol. 132, p. 769-780. (5.019 - IF2007).

**Citácie registrované v indexoch WOS: 4**

1. [1.1] LIU, L. - QIAN, S.B. - BOONRUCKSAR, S. - ZHU, L.Y. - HE, J.J. - YUAN, J.Z. CCD photometric study of the contact binary TX Cnc in the young open cluster NGC 2632. In PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN. ISSN 0004-6264, 2007, vol. 59, no. 3, p. 607-614., WOS

2. [1.1] QIAN, S.B. - LIU, L. - SOONTHORNTHUM, B. - ZHU, L.Y. - HE, J.J. Deep, low mass ratio overcontact binary systems. VII. QX Andromedae in the intermediate-age open cluster NGC 752. In ASTRONOMICAL JOURNAL. ISSN 0004-6256, OCT 2007, vol. 134, no. 4, p. 1475-1482., WOS

3. [1.1] SANCHEZ-BAJO, F. - GARCIA-MELENDO, E. - GOMEZ-FORRELLAD, J.M. Photometric study of the W UMa eclipsing binaries VW LMi and BX Dra. In ASTROPHYSICS AND SPACE SCIENCE. ISSN 0004-640X, DEC 2007, vol. 312, no. 3-4, p. 151-159., WOS

4. [1.1] TORRES, G. - LATHAM, D.W. - STEFANIK, R.P. Cross-correlation in four dimensions: Application to the quadruple-lined spectroscopic system HD 110555. In ASTROPHYSICAL JOURNAL. ISSN 0004-637X, JUN 10 2007, vol. 662, no. 1, Part 1, p. 602-612., WOS

**Citácie registrované v iných citačných indexoch a databázach: 2**

5. [9] HENSBERGE, H. - PAVLOVSKI, K. Modern analysis techniques for spectroscopic binaries. In PROCEEDINGS OF IAU SYMPOSIUM. ISBN 0521863481, 2007, vol. 240, p. 136-147., NASA ADS

6. [9] LIU, L. - QIAN, S.B. - SOONTHORNTHUM, B. - ZHU, L.Y. - HE, J.J. - YUAN, J.Z. CCD photometric study of the contact binary TX Cnc in the young open cluster NGC 2632. In PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN. ISSN 0004-6264, 2007, vol. 59, no. 3, p. 607-614., NASA ADS

PRIBULLA, Theodor - VAŇKO, Martin. Photoelectric photometry of eclipsing contact binaries: U Peg, YY CrB, OU Ser and EQ Tau. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2002, vol.32, no.1, p.79-98.

**Citácie registrované v iných citačných indexoch a databázach: 2**

1. [9] OH, K.D. - KIM, C.H. - KIM, H.I. - LEE, W.B. The low-mass-ratio contact binaries - V410 Aur, V776 Cas, HN UMa, II UMa. In ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES. ISBN 978-1-58381-230-3, 2007, vol. 362, p.

82-86., NASA ADS

2. [9] YUAN, J. - QIAN, S. Variation of the period and light curves of the solar-type contact binary EQ Tauri. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, 2007, vol. 381, no. 2, p. 602-610., NASA ADS

PRIBULLA, Theodor - VAŇKO, Martin - CHOCHOL, Drahomír - PARIMUCHA, Štefan. Photoelectric photometry of the eclipsing contact binaries" EF Dra GW Cep and CW Cas. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2001, vol. 31, no. 1, p. 26-42.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] OH, K.D. - KIM, C.H. - KIM, H.I. - LEE, W.B. The low-mass-ratio contact binaries - V410 Aur, V776 Cas, HN UMa, II UMa. In ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES. ISBN 978-1-58381-230-3, 2007, vol. 362, p. 82-86., NASA ADS

PRIBULLA, Theodor - VAŇKO, Martin - PARIMUCHA, Štefan - CHOCHOL, Drahomír. New photoelectric minima and updated ephemerides of selected eclipsing binaries. In *Information Bulletin on Variable Stars*. ISSN 0374-0676, 2001, no.5056, p.1-4.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1.[9] YUAN, J. - QIAN, S. Variation of the period and light curves of the solar-type contact binary EQ Tauri. In *Monthly Notices of the Royal Astronomical Society*, ISSN 0035-8711, 2007, vol. 381, Issue 2, p. 602 - 610., NASA ADS

PRIBULLA, Theodor - VAŇKO, Martin - PARIMUCHA, Štefan - CHOCHOL, Drahomír. New photoelectric and CCD minima and updated ephemerides of selected eclipsing binaries. In *Information Bulletin on Variable Stars*. ISSN 0374-0676, 2002, no.5341, p.1-4.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] LIU, L. - QIAN, S.B. - BOONRUCKSAR, S. - ZHU, L.Y. - HE, J.J. - YUAN, J.Z. CCD photometric study of the contact binary TX Cnc in the young open cluster NGC 2632. In PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN. ISSN 0004-6264, 2007, vol. 59, no. 3, p. 607-614., NASA ADS

ROBINSON, Keith - BODE, Michael F. - SKOPAL, Augustin - IVISON, Rob J. - MEABURN, John. On the nature of the emission-line profiles of symbiotic stars - I. Accretion disks. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 1994, vol.269, p.1-12. (5.249 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] LEE, H.W. - KANG, S. Raman-scattered O VI  $\lambda$  6825 and the accretion disk emission model in the symbiotic stars V1016 Cygni and HM Sagittae. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, NOV 10 2007, vol. 669, no. 2, Part 1, p. 1156-1166., WOS

RUŠIN, Vojtech. Shape and structure of the white-light corona over solar cycles. In *The last total solar eclipse of the milenium in Turkey. - Astronomical Society of the Pacific Conference Series* 205, 2000. ISBN 9781583810323, p.17-31.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] WITKOWSKI, M. - RANDELL, D. A model of modes of attention and inattention for artificial perception. In *BIOINSPIRATION AND BIOMIMETICS*. ISSN 1748-3182, 2007, vol. 2, no. 3, p. S94-S115., NASA ADS



RUŠIN, Vojtech - MINAROVJECH, Milan - RYBANSKÝ, Milan. Long-term cyclic variations of prominences, green and red coroneae over solar cycles. In *Journal of Astrophysics and Astronomy*. ISSN 0250-6335, 2000, vol.21, p.201-204. (0.439 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] LI, K.J. - LI, Q.X. - GAO, P.X. - MU, J. - CHEN, H.D. - SU, T.W. Activity cycle of solar filaments. In *JOURNAL OF ASTROPHYSICS AND ASTRONOMY*. ISSN 0250-6335, JUN-SEP 2007, vol. 28, no. 2-3, p. 147-156., WOS

RUŠIN, Vojtech - RYBANSKÝ, Milan. The Green Corona and Magnetic Fields. In *Solar Physics*. ISSN 0038-0938, 2002, vol.207, p.47-61. (2.479 - IF 2007).

**Citácie registrované v indexoch WOS: 2**

1. [2.1] BADALYAN, O.G. - BLUDOVA, N.G. - SÝKORA, J. Comparisons of the green-line corona brightness with the magnetic field strength and the summary sunspot area. In *CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATÉ PLESO*. ISSN 1335-1842, JUN 2007, vol. 37, no. 2, p. 125-141., WOS
2. [1.1] BADALYAN, O.G. - OBRIDKO, V.N. To the problem of solar coronal heating. In *ASTRONOMY LETTERS-A JOURNAL OF ASTRONOMY AND SPACE ASTROPHYSICS*. ISSN 1063-7737, MAR 2007, vol. 33, no. 3, p. 182-191., WOS

RUŠIN, Vojtech - ZVERKO, Juraj. Periodicities in the green corona for the Sun as a star. In *Solar Physics*, ISSN 0038-0938, 1990, vol. 128, p. 261

**Citácie registrované v databáze Scopus: 1**

1. [1.2] SONG, W.B - WANG, J.X. A study of the periodicities of solar filament activity. In *CHINESE ASTRONOMY AND ASTROPHYSICS*. ISSN 0275-1062, 2007, vol. 31, no. 3, p. 270-276., SCOPUS

**Citácie registrované v iných citačných indexoch a databázach: 1**

2. [9] SONG, W.B. - WANG, J.X. Periodicities in solar filament activity. In *ACTA ASTRONOMICA SINICA*. ISSN 0001-5245, 2007, vol. 48, p. 29-35, NASA ADS

RYBÁK, Ján - ANTALOVÁ, Anna - STORINI, Marisa. The intermittency of the solar intermediate-term periodicity (1969-1998). In *The 1-st Solar and Space Weather Euroconference 'The Solar Cycle and Terrestrial Climate'*. Noordwijk: European Space Agency Publication Division, SP-463, ISBN 90-9092-299-0, 2000, p.419-422

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] SONG, W.B. - WANG, J.X. Periodicities in solar filament activity. In *ACTA ASTRONOMICA SINICA*. ISSN 0001-5245, 2007, vol. 48, no. 1, p. 29-35., NASA ADS

RYBÁK, Ján - DOROTOVIČ, Ivan. Temporal Variability of the Coronal Green-Line Index (1947-1998). In *Solar Physics*. ISSN 0038-0938, 2002, vol.205, p.177-187. (2.479 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] FORGACS-DAJKA, E. - BORKOVITS, T. Searching for mid-term variations in different aspects of solar activity - looking for probable common origins and studying temporal variations of magnetic polarities. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, 2007, vol. 374, no. 1, p. 282-291., WOS

RYBÁK, Ján - KARLOVSKÝ, Vladimír. Mutual relations of the intermediate periodicities of the wolf sunspot number. In *Solar variability as an input to the Earth's environment* :

*international solar cycle studies (ISCS) symposium 2003*. - Noordwijk: European Space Agency Publications Division, 2003. ISBN 92-9092-845-X, p. 145-148.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] SONG, W.B. - WANG, J.X. Periodicities in solar filament activity. In ACTA ASTRONOMICA SINICA. ISSN 0001-5245, 2007, vol. 48, no. 1, p. 29-35., NASA ADS

RYBÁK, Ján - ÖZGÜC, Atila - ATAÇ, Tamer - SOZEN, Engin. Intermittence of the short-term periodicities of the flare index. In *Advances in Space Research*. ISSN 0273-1177, 2005, vol. 35, p. 406-409. (0.774 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] SEN, A.K. Multifractality as a measure of complexity in solar flare activity. In SOLAR PHYSICS. ISSN 0038-0938, MAR 2007, vol. 241, no. 1, p. 67-76., WOS

**Citácie registrované v databáze Scopus: 1**

2. [1.2] SEN, A.K. - DOSTROVSKY, J.O. Evidence of intermittency in the local field potentials recorded from patients with Parkinson's disease: A wavelet-based approach. In COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE. ISSN 1748-670X, 2007, vol. 8, no. 3, p. 165-171., SCOPUS

RYBANSKÝ, Milan - RUŠIN, Vojtech - GAŠPAR, Peter - ALTROCK, Richard C. Coronal index of solar activity VII, years 1988 - 1991. In *Solar Physics*. ISSN 0038-0938, 1994, vol.152, p.487-495. (2.479 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] DE LA TOORE, L. - GIMENO, L. - ANEL, J.A. - NIETO, R. The role of the solar cycle in the relationship between the, North Atlantic Oscillation and Northern Hemisphere surface temperatures. In ADVANCES IN ATMOSPHERIC SCIENCES. ISSN 0256-1530, MAR 2007, vol. 24, no. 2, p. 191-198., WOS

RYBANSKÝ, Milan - RUŠIN, Vojtech - MINAROVJECH, Milan. The green corona index and soft X-ray flux. In *Solar Physics*. ISSN 0038-0938, 1998, vol.177, p.305-310. (2.479 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] KANE, R.P. Solar terrestrial effects of two distinct types. In ADVANCES IN SPACE RESEARCH. ISSN 0273-1177, 2007, vol. 39, no. 12, p. 1890-1897., WOS

RYBANSKÝ, Milan - RUŠIN, Vojtech - MINAROVJECH, Milan. Coronal index of solar activity. In *Space Science Reviews*. ISSN 0038-6308, 2001, vol.95, p.227-234. (2.954 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] GUPTA, M. - MISHRA, V.K. - MISHRA, A.P. Solar activity parameters and their interrelationship: Continuous decrease in flare activity from solar cycles 20 to 23. In JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS. ISSN 0148-0227, MAY 18 2007, vol. 112, no. A5., WOS

**Citácie registrované v databáze Scopus: 1**

2. [1.2] PRIKRYL, P. - MULDREW, D.B. - SOFKO, G.J. Do auroral atmospheric gravity waves influence mesoscale processes, extratropical and tropical cyclones? In 12TH CONFERENCE ON MESOSCALE PROCESSES. 2007., Paper 11.5., SCOPUS

RYBANSKÝ, Milan - RUŠIN, Vojtech - MINAROVJECH, Milan - KLOCOK, Ľubomír.  
Reexamination of the coronal index of solar activity. In *Journal of Geophysical Research*.  
ISSN 0148-0227, 2005, vol. 110, a08106, p. 1-9. (2.953 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] GUPTA, M. - MISHRA, V.K. - MISHRA, A.P. Solar activity parameters and their interrelationship: Continuous decrease in flare activity from solar cycles 20 to 23. In *JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS*. ISSN 0148-0227, MAY 2007, vol. 112, no. A5., WOS

**Citácie registrované v databáze Scopus: 2**

2. [1.2] KANE, R.P. Hysteresis loops of Cosmic Ray intensity decreases versus solar and interplanetary parameters. In *ANNALES GEOPHYSICAE*. ISSN 0992-7689, 2007, vol. 25, no. 9, p. 2087-2097., SCOPUS
3. [1.2] PRIKRYL, P. - MULDREW, D.B. - SOFKO, G.J. Do auroral atmospheric gravity waves influence mesoscale processes, extratropical cyclones? In *12TH CONFERENCE ON MESOSCALE PROCESSES*. 2007., Paper 11.5., SCOPUS

SANIGA, Metod. Cremona transformations and the conundrum of dimensionality and signature of macro-spacetime. In *Chaos, Solitons & Fractals*. ISSN 0960-0779, 2001, vol.12, no.12, p.2127-2142. (3.025 IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] BONTEMS, V. - GINGRAS, Y. De la science normale a la science marginale. Analyse d'une bifurcation de trajectoire scientifique: Le cas de la Theorie de la Relativite 'd Echelle. In *SOCIAL SCIENCE INFORMATION*. ISSN 0539-0184, 2007, vol. 46, no. 4, p. 607-653., WOS

SANIGA, Metod. Lines on Del Pezzo surfaces and transfinite heterotic string space-time. In *Chaos, Solitons & Fractals*. ISSN 0960-0779, 2002, vol.13, p.1371-1373. (3.025 IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] EL NASCHIE, M.S. A review of applications and results of E-infinity theory. In *INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION*. ISSN 1565-1339, 2007, vol. 8, no. 1, p. 11-20., WOS

SANIGA, Metod. On an intriguing signature-reversal exhibited by Cremonian spacetimes. In *Chaos, Solitons and Fractals*. ISSN 0960-0779, 2004, vol. 19, p. 739-741. (3.025 IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] CASTRO, C. - PAVSIC, M. The extended relativity theory in Clifford spaces. In *MONOGRAPH QUANTIZATION IN ASTROPHYSICS, BROWNIAN MOTION AND SUPERSYMMETRY*, MathTiger Publishers, 2007. ISBN 819021909X. p. 97-161.

SANIGA, Metod. On an observer-related unequivalence between spatial dimensions of a generic Cremonian universe. In *Chaos, Solitons and Fractals*. ISSN 0960-0779, 2005, vol. 23, p. 1935-1939. (3.025 - IF2007).

**Citácie registrované v databáze Scopus: 1**

1. [1.2] KETATA, C. - SATISH, M.G. - ISLAM, M.R. Multiple-solution nature of chaos number-oriented equations. In *CIMCA 2006: INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE FOR MODELLING, CONTROL AND AUTOMATION, JOINTLY WITH IAWTIC 2006: INTERNATIONAL CONFERENCE ON INTELLIGENT AGENTS WEB TECHNOLOGIES*. 2007, ISBN 0-7695-2731-0, art. no. 4052720., SCOPUS

SANIGA, Metod - PLANAT, Michel. Projective planes over “Galois“ double numbers and a geometrical principle of complementarity. In *Chaos, Solitons and Fractals*. ISSN 0960-0779, 2005, vol. 36, p. 374-381. (3.025 - IF2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

SANIGA, Metod - PLANAT, Michel. Viewing sets of mutually unbiased bases as arcs in finite projective planes. In *Chaos, Solitons and Fractals*. ISSN 0960-0779, 2005, vol. 26, p. 1267-1270. (3.025 - IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] ALBOUY, O. - KIBLER, M.R. SU<sub>2</sub> nonstandard bases: case of mutually unbiased bases. In SYMMETRY, INTEGRABILITY AND GEOMETRY: METHODS AND APPLICATIONS. ISSN 1815-0659, 2007, vol. 3, paper 076.

SANIGA, Metod - PLANAT, Michel. Finite geometries in quantum theory: from Galois (fields) to Hjelmslev (rings). In *International Journal of Modern Physics B*. ISSN 0217-9792, 2006, vol. 20, p. 1885-1892. (0.647 - IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 2**

1. [3] ALBOUY, O. - KIBLER, M.R. SU<sub>2</sub> nonstandard bases: case of mutually unbiased bases. In SYMMETRY, INTEGRABILITY AND GEOMETRY: METHODS AND APPLICATIONS. ISSN 1815-0659, 2007, vol. 3, paper 076.
2. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

SANIGA, Metod - PLANAT, Michel. Hjelmslev geometry of mutually unbiased bases. In *Journal of physics A: mathematical and general*. ISSN 0305-4470, 2006, vol. 39, p. 435-440. (1.680 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] VOUDAS, A. Quantum systems with finite Hilbert space: Galois fields in quantum mechanics. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. ISSN 1751-8113, AUG 17 2007, vol. 40, no. 33, p. R285-R331., WOS

**Citácie v publikáciách neregistrovaných v citačných databázach: 2**

2. [3] ALBOUY, O. - KIBLER, M.R. SU<sub>2</sub> nonstandard bases: case of mutually unbiased bases. In SYMMETRY, INTEGRABILITY AND GEOMETRY: METHODS AND APPLICATIONS. ISSN 1815-0659, 2007, vol. 3, paper 076.
3. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

SANIGA, Metod - PLANAT, Michel. Projective line over the finite quotient ring  $GF(2)[x]/(x^3 - x)$  and quantum entanglement: theoretical background. In *Theoretical and Mathematical Physics*. ISSN 0040-5779, 2007, vol. 151, p. 474-481. (0.622 - IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

SANIGA, Metod - PLANAT, Michel. On the fine structure of the projective line over  $GF(2) \times GF(2) \times GF(2)$ . In *Chaos, Solitons and Fractals*. ISSN 0960-0779, 2007, vol. 37, no. 2, p. 337-345. (3.025 IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

SANIGA, Metod - PLANAT, Michel. Multiple qubits as symplectic polar spaces of order two. In *Advanced Studies in Theoretical Physics*. ISSN 1313-1311, 2007, vol. 1, p. 1-4.

**Citácie registrované v indexoch WOS: 1**

1. [1.1] VOURDAS, A. Quantum systems with finite Hilbert space: Galois fields in quantum mechanics. JOURNAL OF PHYSICS A: MATHEMATICAL AND THEORETICAL. ISSN 1757-8113, 2007, vol. 40, no. 33, p. R285-R331., WOS

SANIGA, Metod - PLANAT, Michel - KIBLER, Maurice R. - PRACNA, Petr. A classification of the projective lines over small rings. In *Chaos, Solitons and Fractals*. ISSN 0960-0779, 2007, vol. 33, p. 1095-1102. (3.025 IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

SANIGA, Metod - PLANAT, Michel - MINAROVJECH, Milan. Projective line over the finite quotient ring  $GF(2)[x]/(x^3 - x)$  and quantum entanglement: Mermin "magic" square/pentagram. In *Theoretical and Mathematical Physics*. ISSN 0040-5779, 2007, vol. 151, p. 625-631. (0.622 - IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

SANIGA, Metod - PLANAT, Michel - PRACNA, Petr. Projective ring line encompassing two-qubits. In *Theoretical and Mathematical Physics*. ISSN 0040-5779, 2007, vol. 155 p. 905-913. (0.622 - IF 2007).

**Citácie v publikáciách neregistrovaných v citačných databázach: 1**

1. [3] HAVLICEK, H. From pentacyclic coordinates to chain geometries, and back. In MITTEILUNGEN DER MATHEMATISCHEN GESELLSCHAFT IN HAMBURG. ISSN 0340-4358, 2007, vol. 26, p. 75-94.

SANIGA, Metod - PLANAT, Michel - ROSU, Haret. Mutually unbiased bases and finite projective planes. In *Journal of Optics B: Quantum and Semiclassical Optics*. ISSN 1464-4266, 2004, vol. 6, p. L19-L20. (1,813 - IF 2007).

**Citácie registrované v indexoch WOS: 5**

1. [1.1] ALBOUY, O. - KIBLER, M.R. A unified approach to SIC-POVMs and MUBs. In JOURNAL OF RUSSIAN LASER RESEARCH. ISSN 1071-2836, SEP 2007, vol. 28, no. 5, p. 429-438., WOS
2. [1.1] APPLEBY, D.M. Symmetric informationally complete measurements of arbitrary rank. In OPTICS AND SPECTROSCOPY. ISSN 0030-400X, SEP 2007, vol.

103, no. 3, p. 416-428., WOS

3. [1.1] BJORK, G. - ROMERO, J.L. - KLIMOV, A.B. - SANCHEZ-SOTO, L.L. Mutually unbiased bases and discrete Wigner functions. In JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS. ISSN 0740-3224, FEB 2007, vol. 24, no. 2, p. 371-378., WOS

4. [1.1] ROY, A. - SCOTT, A.J. Weighted complex projective 2-designs from bases: Optimal state determination by orthogonal measurements. In JOURNAL OF MATHEMATICAL PHYSICS. ISSN 0022-2488, JUL 2007, vol. 48, no. 7., WOS

5. [1.1] VOUDAS, A. Quantum systems with finite Hilbert space: Galois fields in quantum mechanics. In JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL. ISSN 1751-8113, AUG 17 2007, vol. 40, no. 33, p. R285-R331., WOS

#### **Citácie registrované v databáze Scopus: 1**

6. [1.2] BENGTTSSON, I. Three ways to look at mutually unbiased bases. In AMERICAN INSTITUTE OF PHYSICS CONFERENCE PROCEEDINGS . ISBN 978-0-7354-0391-8, 2007, vol. 889, p. 40-51., SCOPUS

#### **Citácie v publikáciách neregistrovaných v citačných databázach: 2**

7. [3] ALBOUY, O. - Kibler, M.R. SU<sub>2</sub> nonstandard bases: Case of mutually unbiased bases. In SYMMETRY, INTEGRABILITY AND GEOMETRY: METHODS AND APPLICATIONS ISSN 1815-0659, 2007, vol. 3, paper 076.

8. [3] CHATURVEDI, S. - ERCOLESSI, E. - MARMO, G. - MORANDI, G. - MUKUNDA, N. - SIMON, R. Ray space 'Riccati' evolution and geometric phases for N-level quantum systems. In PRAMANA. ISSN 0304-4289, 2007, vol. 69, p. 317-327.

SHAVRINA, Angelina V. - POLOSUKHINA, Nina S. - PAVLENKO, Yakiv V. - YUSHCHENKO, Alexander V. - QUINET, Peter - HACK, Margarida - NORTH, Pierre - GOPKA, Vera F. - ZVERKO, Juraj - ŽIŽŇOVSKÝ, Jozef - VELES, Alex. The spectrum of the roAp star HD 101065 (Przysbzylski's star) in the Li I 6708 Å spectral region. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2003, vol. 409, p. 707-713. (4.259 - IF2007).

#### **Citácie registrované v indexoch WOS: 1**

1. [1.1] GORIELY, S. Nucleosynthesis by accelerated particles to account for the surface composition of HD 101065. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, MAY 2007, vol. 466, no. 2, p. 619-626., WOS

#### **Citácie registrované v databáze Scopus: 1**

2. [1.2] GORIELY, S. Spallation nucleosynthesis by accelerated charged-particles in stellar envelopes of magnetic stars. In AMERICAN INSTITUTE OF PHYSICS CONFERENCE PROCEEDINGS. ISBN 978-0-7354-0395-6, vol. 891, p. 246-253., SCOPUS

#### **Citácie registrované v iných citačných indexoch a databázach: 1**

3. [9] MYKHAILYTSKA, N.G. Analysis of the lithium lines in the atmosphere of the roAp star HD 24712. In KINEMATICS AND PHYSICS OF CELESTIAL BODIES. ISSN 0884-9513, 2007, vol. 23. no. 3, p. 101-107., NASA ADS

SHAVRINA, Angelina V. - POLOSUKHINA, Nina S. - ZVERKO, Juraj - MASHONKINA, Lyudmila I. - KHALACK, Victor - ŽIŽŇOVSKÝ, Jozef - HACK, Margarida - TSYMBAL, Viktor - NORTH, Pierre - VYGONEC, Vladimir V. Lithium on the surface of cool magnetic CP stars. II. Spectrum analysis of HD83368 and HD60435 with lithium spots. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2001, vol. 372, p. 571-578. (4.259 - IF 2007).

#### **Citácie registrované v indexoch WOS: 1**

1. [1.1] DEBOSSCHER, J. - SARRO, L.M. - AERTS, C. - CUYPERS, J. -

VANDENBUSSCHE, B. - GARRIDO, R. - SOLANO, E. Automated supervised classification of variable stars - I. methodology. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, DEC 2007, vol. 475, no. 3, p. 1159-1183, WOS

SKOPAL, Augustin. Photometric observations of eclipses in the symbiotic triple system CH Cygni. In *IAU Commission 27th Information Bulletin on Variable Stars*, ISSN 0374-0676, 1995, vol. 4157, p. 1-4.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] BALEGA, I.I. - BALEGA, YU.YU. - MAKSIMOV, A.F. - MALOGOLOVETS, E.V. - RASTEGAEV, D.A. - SHKHAGOSHEVA, Z.U. - WEIGELT, G. Speckle interferometry of nearby multiple stars. IV. Measurements in 2004 and new orbits. In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 4, p. 339-351., NASA ADS

SKOPAL, Augustin. What mimics the reflection effect in symbiotic binaries?. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2001, vol.366, no.1, p.157-165. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] FEKEL, F.C. - HINKLE, K.H. - JOYCE, R.R. - WOOD, P.R. - LEBZELTER, T. Infrared spectroscopy of symbiotic stars. V. First orbits for three S-type systems: Henize 2-173, CL Scorpii, and AS 270. In *ASTRONOMICAL JOURNAL*. ISSN 0004-6256, JAN 2007, vol. 133, no. 1, p. 17-25., WOS

SKOPAL, Augustin. Discovery of the eclipse in the symbiotic binary Z Andromedae. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2003, vol. 401, p. L17-L20. (4.259 - IF2007).

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] LI, X.R. - HU, Z.Y. - ZHAO, Y.H. - LIU, Z.T. Spectral preprocess and its influence on galaxy and quasar classification. In *ACTA ASTRONOMICA SINICA*. ISSN 0001-5245, 2007, vol. 48, no. 3, p. 280-288., NASA ADS

SKOPAL, Augustin. Disentangling the composite continuum of symbiotic binaries : I. S-type systems. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2005, vol. 440, p. 995-1031. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 2**

1. [1.1] KIM, H.J. - LEE, H.W. - KANG, S. A Monte Carlo study of polarization structures in the Thomson-scattered line radiation. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, JAN 2007, vol. 374, no. 1, p. 187-195., WOS

2. [1.1] ZAMANOV, R.K. - BODE, M.F. - MELO, C.H.F. - BACHEV, R. - GOMBOC, A. - STATEVA, I.K. - PORTER, J.M. - PRITCHARD, J. Rotational velocities of the giants in symbiotic stars - II. Are S-type symbiotics synchronized?. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, SEP 21 2007, vol. 380, no. 3, p. 1053-1063., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

3. [9] HRIC, L. - GALIS, R. Is there an accretion disc, envelope, or torus in the YY Her binary? In *MEMORIE DELLA SOCIETA ASTRONOMICA ITALIANA*. ISSN 0037-8720, 2007, vol. 78, p. 400-402., NASA ADS

SKOPAL, Augustin - BODE, Michael F. - BRYCE, Myfanwy - CHOCHOL, Drahomír - DAVIS, Richard J. - ERRICO, Luigi - EVANS, Aneurin - EYRES, Steward P.S. - HRIC, Ladislav - IVISON, Robert J. - KENNY, Harold T. - KOMŽÍK, Richard - MEABURN, John -

TAMURA, Shinichi - TAYLOR, Andrew R. - URBAN, Zdeněk - VITTONI, Alberto A. Multifrequency observation of the eclipsing symbiotic triple system CH Cyg during the 1992-94 active phase. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 1996, vol.282, p.327-346. (5.249 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] YOO, K.H. CH Cygni in 2004 - II: Nebular spectrum features. In *NEW ASTRONOMY*. ISSN 1384-1076, OCT 2007, vol. 12, no. 7, p. 569-577., WOS

**Citácie registrované v databáze Scopus: 1**

2. [1.2] KORRECK, K.E. - KELLOGG, E. - SOKOLOSKI, J.L. A study of the mass loss rates of symbiotic star systems. In *AMERICAN INSTITUTE OF PHYSICS CONFERENCE PROCEEDINGS*. ISBN 978-0-7354-0434-2, vol. 924, p. 903-906., SCOPUS.

SKOPAL, Augustin - BODE, Michael F. - CROCKER, Matthew M. - DRECHSEL, Horst - EYRES, Steward P.S. - KOMŽÍK, Richard. The symbiotic star CH Cygni. IV. Basic kinematics of the circumstellar matter during active phases. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 2002, vol.335, p.1109-1119. (5.249 - IF 2007).

**Citácie registrované v indexoch WOS: 3**

1. [1.1] KAROVSKA, M. - CARILLI, C.L. - RAYMOND, J.C. - MATTEI, J.A. CH Cygni X-ray jet activity and multicomponent structures. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, JUN 1 2007, vol. 661, no. 2, Part 1, p. 1048-1054., WOS
2. [1.1] KELLOGG, E. - ANDERSON, C. - KORRECK, K. - DEPASQUALE, J. - NICHOLS, J. - SOKOLOSKI, J.L. - KRAUSS, M. - PEDELTY, J. Outer jet X-ray and radio emission in R Aquarii: 1999.8 to 2004.0. In *ASTROPHYSICAL JOURNAL*. ISSN 0004-637X, AUG 1 2007, vol. 664, no. 2, Part 1, p. 1079-1087., WOS
3. [1.1] YOO, K.H. CH Cygni in 2004 - II: Nebular spectrum features. In *NEW ASTRONOMY*. ISSN 1384-1076, OCT 2007, vol. 12, no. 7, p. 569-577., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

4. [9] BALEGA, I.I. - BALEGA, YU.YU. - MAKSIMOV, A.F. - MALOGOLOVETS, E.V. - RASTEGAEV, D.A. - SHKHAGOSHEVA, Z.U. - WEIGELT, G. Speckle interferometry of nearby multiple stars. IV. Measurements in 2004 and new orbits. In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 4, p. 339-351., NASA ADS

SKOPAL, Augustin - BODE, Michael F. - LLOYD, Hyu M. - TAMURA, Shinichi. Eclipses in the symbiotic system CH Cyg. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1996, vol.308, p.L9-L12. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] MUKAI, K. - ISHIDA, M. - KLLBOURNE, C. - MORI, H. - TERADA, Y. - CHAN, K.W. - SOONG, Y. An apparent hard X-ray decline of CH Cygni. In *PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF JAPAN*. ISSN 0004-6264, 2007, vol. 59, Sp. Iss. 1, p. S177-S183., WOS

SKOPAL, Augustin - PRIBULLA, Theodor - VAŇKO, Martin - VELIČ, Zdeno - SEMKOV, Evgeni - WOLF, Marek - JONES, Albert. Photometry of symbiotic stars XI. In *Contributions of the Astronomical Observatory Skalnaté Pleso*, ISSN 1335-1842, 2004, vol. 34, p. 45-69.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] YOO, K.-H. High resolution spectrum of symbiotic star AG Pegasi. In *PUBLICATIONS OF THE KOREAN ASTRONOMICAL SOCIETY*, ISSN 1225-1534, 2006, vol. 21, p. 35-42., NASA ADS



SKOPAL, Augustin - VITTONI, Alberto A. - ERRICO, Luigi - OTSUKA, Masaaki - TAMURA, Shinichi - WOLF, Marek - ELKIN, Vladimir, G. Structure of the hot object in the symbiotic prototype Z Andromedae during its 2000-03 active phase. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2006, vol. 453, p. 279-293. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 3**

1. [1.1] BURMEISTER, M. - LEEDJARV, L. Evidence for bipolar jets from the optical spectra of the prototypical symbiotic star Z Andromedae. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, JAN 2007, vol. 461, no. 1, p. L5-L8., WOS
2. [1.1] TOMOV, N.A. - TOMOVA, M.T. - BISIHALO, D.V. Bipolar ejection by the symbiotic binary system Z And during its 2006 outburst. In *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*. ISSN 0035-8711, MAR 21 2007, vol. 376, no. 1, p. L16-L19., WOS
3. [1.1] VAN HOOFF, P.A.M. - VAN DE STEENE, G.C. IRAS 12316-6401: A new symbiotic Mira?. In *BALTIC ASTRONOMY*. ISSN 1392-0049, 2007, vol. 16, no. 1, p. 59-61., WOS

SOLOVAYA, Nina - PITTICH, Eduard. The dynamical stability of extra-solar planets in binary systems. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 2004, vol. 34, p. 105-118.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] TORREZ, G. The Planet Host Star? Cephei: Physical Properties, the Binary Orbit, and the Mass of the Substellar Companion. In *ASTROPHYSICAL JOURNAL*. ISSN 0036-8075, 2007, vol. 654, p. 1095-1109., NASA ADS

STORINI, Marisa - PASE, Stefano - SÝKORA, Július - PARISI, Massimo. Two components of cosmic ray modulation. In *Solar Physics*. ISSN 0038-0938, 1997, vol.172, p.317-325. (2.479 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] KANE, R.P. Latitude dependence of the "Gnevyshev" peaks and gaps. In *SOLAR PHYSICS*. ISSN 0038-0938, OCT 2007, vol. 245, no. 2, p. 415-421., WOS

STORINI, Marisa - SÝKORA, Július. The green corona data: 1947-1976 re-visited. In *Nuovo Cimento*. ISSN 0390-5551, 1997, vol.20 C, no.6, p.923-931. (0.347 - IF 2007).

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] BADALYAN, O.G. - OBRIDKO, V.N. To the problem of solar coronal heating. In *ASTRONOMY LETTERS*. ISSN 1063-7737, 2007, vol. 33, no. 3, p. 182-191., NASA ADS

SVOREŇ, Ján. Comet astrometry made at the Skalnaté Pleso Observatory in the year 1986. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1993, vol. 23, p. 63-72.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] COVAZZI, H.A., NIKE, B.C., ALBERTELLI, G. Soft-bottom macrobenthic community composition and biomass in a Posidonia oceanica meadow in the Ligurian Sea (NW Mediterranean). In *ESTUARINE, COASTAL AND SHELF SCIENCE*. ISSN 0272-7714, 2006, vol. 70, p. 251-258., NASA ADS

SVOREŇ, Ján. Narrow-band photometry of comet Austin 1990 V. In *Planetary and Space Science*. ISSN 0032-0633, 1996, vol. 44, p. 1001-1004.

**Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

1. [3] BUDDING, E., DEMIRCAN, O. Themes of astronomical photometry. In INTRODUCTION TO ASTRONOMICAL PHOTOMETRY. ISBN-10: 0521847117, Cambridge, University Press, 2007, p. 72-160.

SVOREŇ, Ján. Brightness of long-period comets observed at large heliocentric distances - I. The computer catalogue for 1861-1941. In *Planetary and Space Science*. ISSN 0032-0633, 1997, vol. 45, p. 795-797.

**Citácie registrované v databázach WOS: 1**

- 1.[1.1] NESLUŠAN, L.: The fading problem and the population of the Oort cloud. In ASTRONOMY AND ASTROPHYSICS. ISSN 0004-6361, 2007, vol. 461, p. 741-750., WOS

SÝKORA, Július. Time and shape changes of the supergranular network. In *Solar Physics*. ISSN 0038-0938, 1970, vol.13, p.292-300. (2.479 - IF 2007).

**Citácie registrované v databáze Scopus: 2**

1. [1.2] CROUCH, A.D. - CHARBONNEAU, P. - THIBAUT, K. Supergranulation as an emergent length scale. In ASTROPHYSICAL JOURNAL. ISSN 0004-637X, 2007, vol. 662, no. 1, Part 1, p. 715-729., SCOPUS
2. [1.2] MEUNIER, N. - ROUDIER, T. - TKACZUK, R. Are supergranule sizes anti-correlated with magnetic activity? In ASTRONOMY AND ASTROPHYSICS. ISSN 1009-9271, 2007, vol. 466, no. 3, p. 1123-1130., SCOPUS

SÝKORA, Július. Some remarks on the summary use of existing corona measurements. In *Bulletin of the Astronomical Institutes of Czechoslovakia*. ISSN 0004-6248, 1971, vol.22, p.12-18.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] BADALYAN, O.G. - OBRIDKO, V.N. To the problem of solar coronal heating. In ASTRONOMY LETTERS. ISSN 1063-7737, 2007, vol. 33, no. 3, p. 182-191., NASA ADS

SÝKORA, Július. The longitudinal distribution of the green corona activity. In *Solar Physics*. ISSN 0038-0938, 1971, vol.18, p.72-83. (2.479 - IF 2007).

**Citácie registrované v databáze Scopus: 1**

1. [1.2] BALTHASAR, H. Rotational periodicities in sunspot relative numbers. In ASTRONOMY AND ASTROPHYSICS. ISSN 1009-9271, 2007, vol. 471, no. 1, p. 281-287., SCOPUS

SÝKORA, Július. The coronal responses to the large-scale and long-term phenomena of the lower layers of the Sun. In *Solar and Interplanetary Dynamics*. - Dordrecht : D. Reidel Publ. Co., ISBN 90-277-1162-3, 1980, p.87-104.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] KANE, R.P. Latitude dependence of the "Gnevyshev" peaks and gaps. In SOLAR PHYSICS. ISSN 0038-0938, 2007, vol. 245, no. 2, p. 415-421., NASA ADS

SÝKORA, Július. The green corona, the solar wind and geoactivity. In *Solar Physics*. ISSN 0038-0938, 1992, vol.140, p.379-392. (2.479 - IF 2007).

### **Citácie registrované v indexoch WOS: 1**

1. [1.1] BADALYAN, O.G. - OBRIDKO, V.N. To the problem of solar coronal heating. In *ASTRONOMY LETTERS-A JOURNAL OF ASTRONOMY AND SPACE ASTROPHYSICS*. ISSN 1063-7737, MAR 2007, vol. 33, no. 3, p. 182-191., WOS

SÝKORA, Július - BADALYAN, Olga G. - OBRIDKO, Vladimir N. Relationship between the coronal shape and the magnetic field topology during the solar cycle. In *Advances in Space Research*. ISSN 0273-1177, 2002, vol. 29, no. 3, p. 395-400. (0.774 - IF 2007).

### **Citácie registrované v indexoch WOS: 2**

1. [1.1] SAEZ, F. - LLEBARIA, A. - LAMY, P. - VIBERT, D. Three-dimensional reconstruction of the streamer belt and other large-scale structures of the solar corona. In *ASTRONOMY & ASTROPHYSICS*. ISSN 0004-6361, OCT 2007, vol. 473, no. 1, p. 265-277., WOS
2. [1.1] WILHELM, K. - MARSCH, E. - DWIVEDI, B.N. - FELDMAN, U. Observations of the Sun at vacuum-ultraviolet wavelengths from space. Part II: Results and interpretations. In *SPACE SCIENCE REVIEWS*. ISSN 0038-6308, DEC 2007, vol. 133, no. 1-4, p. 103-179., WOS

SÝKORA, Július - RYBÁK, Ján. Coronal manifestations of solar variability. In *Advances in Space Research*. ISSN 0273-1177, 2005, vol. 35, p. 393-399. (0.774 - IF2007).

### **Citácie registrované v indexoch WOS: 1**

1. [1.1] BADALYAN, O.G. - OBRIDKO, V.N. To the problem of solar coronal heating. In *ASTRONOMY LETTERS-A JOURNAL OF ASTRONOMY AND SPACE ASTROPHYSICS*. ISSN 1063-7737, MAR 2007, vol. 33, no. 3, p. 182-191., WOS

SÝKORA, Július - STORINI, Marisa. A simple-minded concept of the even and odd solar cycles is physically relevant. In *Hvar Observatory Bulletin*. ISSN 0351-2657, 1997, vol.21, no.1, p.21-32.

### **Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] GUPTA, M. - MISHRA, V.K. - MISHRA, A.P. Solar activity parameters and their interrelationship: continuous decrease in flare activity from solar cycles 20 to 23. In *JOURNAL OF GEOPHYSICAL RESEARCH*. ISSN 0148-0227, 2007, vol. 112, no. A5, citeID A05105., NASA ADS

ŠTOHL, Ján. Meteor contribution by short period comets. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1987, vol. 187, p. 933-934.

### **Citácie v publikáciách neregistrovaných v citačných indexoch: 1**

1. [3] CAMPBELL-BROWN, M. The meteoroid environment: shower and sporadic meteors. In *WORKSHOP ON DUST IN PLANETARY SYSTEMS*. European Space Agency Special Publications. ESTEC, Noordwijk, The Netherlands, ISBN 92-9092-207-9, 2007, vol. 643, p. 11-21.

TEMMER, Manuela - RYBÁK, Ján - BENDÍK, Pavol - VERONIG, Astrid - VOGLER, Franz - OTRUBA, Wolfgang - PÖTZI, Werner - HANSLMEIER, Arnold. Hemispheric sunspot numbers  $R_n$  and  $R_s$  from 1945-2004: catalogue and N-S asymmetry analysis for solar cycles 18-23. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2006, vol. 447, p.735-743. (4.259 - IF2007).

### **Citácie registrované v indexoch WOS: 3**

1. [1.1] CARBONELL, M. - TERRADAS, J. - OLIVER, R. - BALLESTER, J.L. The statistical significance of the North-South asymmetry of solar activity revisited. In

ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, DEC 2007, vol. 476, no. 2, p. 951-957., WOS

2. [1.1] CLETTE, F. - BERGHMANS, D. - VANLOMMEL, P. - VAN DER LINDEN, R.A.M. - KOECKELENBERGH, A. - WAUTERS, L. From the Wolf number to the International Sunspot Index: 25 years of SIDC. In ADVANCES IN SPACE RESEARCH. ISSN 0273-1177, 2007, vol. 40, no. 7, p. 919-928., WOS

3. [1.1] FORGACS-DAJKA, E. - BORKOVITS, T. Searching for mid-term variations in different aspects of solar activity - looking for probable common origins and studying temporal variations of magnetic polarities. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, JAN 2007, vol. 374, no. 1, p. 282-291., WOS

**Citácie registrované v iných citačných indexoch a databázach: 1**

4. [9] JOSHI, B. - PANT, P. - MANOHARAN, P.K. - PANDEY, K. North-south asymmetry of solar activity during cycle 23. In ASTRONOMICAL SOCIETY OF THE PACIFIC CONFERENCE SERIES. ISBN 978-1-58381-235-8, 2007, vol. 368, p. 539-542., NASA ADS

TEMMER, Manuela - VERONIG, Astrid - RYBÁK, Ján - BRAJŠA, Roman - HANSLMEIER, Arnold. On the 24-day period observed in solar flare occurrence. In *Solar Physics*. ISSN 0038-0938, 2004, vol. 221, p. 325-335. (2.479 - IF2007).

**Citácie registrované v databáze Scopus: 1**

1. [1.2] SONG, W.B. - WANG, J.X. Periodicities in solar filament activity. In ACTA ASTRONOMICA SINICA. ISSN 0001-5245, 2007, vol. 48, no. 1, p. 29-35., SCOPUS

**Citácie registrované v iných citačných indexoch a databázach: 1**

2. [9] SEN, A.K. Multifractality as a measure of complexity in solar activity. In SOLAR PHYSICS. ISSN 0038-0938, 2007, vol. 241, no. 1, p. 67-76., NASA ADS

THE, Pik Sin - BAKKER, R.- ANTALOVÁ, Anna - Studies of the Carina Nebula: IV. A new determination of the distances of the open clusters Tr 14, Tr 16 and Cr 228 based on the Walraven photometry. In *Astronomy and Astrophysics, Supplement Series*. ISSN 0365-0138, 1980, vol.41, p.93-107.

**Citácie registrované v iných citačných indexoch a databázach: 2**

1. [9] ASCENSO, J. - ALVES, J. - VICENTE, S. - LAGO, M.T.V.T. NTT and VLT diffraction limited imaging of Trumpler 14: revealing a massive core-halo cluster. In ASTRONOMY AND ASTROPHYSICS. ISSN 0004-6361, 2007, vol. 476, no. 1, p. 199-215., NASA ADS

2. [9] SOUTHWORTH, J. - CLAUSEN, J.V. Absolute dimensions of eclipsing binaries. XXIV. The Be star system DW Carinae, a member of the open cluster Collinder 228. In ASTRONOMY AND ASTROPHYSICS. ISSN 0004-6361, 2007, vol. 461, no. 3, p. 1077-1093., NASA ADS

VAŇKO, Martin - PARIMUCHA, Štefan - PRIBULLA, Theodor - CHOCHOL, Drahomír. New parameters of the contact binary systems YY Crb and EQ Tau. In *Baltic Astronomy*. ISSN 1392-0049, 2004, vol. 13, p. 151-155. (0.590 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] YUAN, J.Z. - QIAN, S.B. Variation of the period and light curves of the solar-type contact binary EQ Tauri. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, OCT 21 2007, vol. 381, no. 2, p. 602-610., WOS

WEBB, David F. - FORBES, Terry G. - AURASS, Henry - CHEN, James - MARTENS, Piet - ROMPOLT, Bogdan - RUŠIN, Vojtech - MARTIN, Sara F. Material ejection. In *Solar Physics*. ISSN 0038-0938, 1994, vol. 153, no. 1-2, p. 73-89. (2.479 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] VIAL, J.C. - AUCHERE, F. - CHANG, J. - FANG, C. - GAN, W.Q. - KLEIN, K.L. - PRADO, J.Y. - TROTET, G. - WANG, C. - YAN, Y.H. SMESE: A Small explorer for solar eruptions. In *ADVANCES IN SPACE RESEARCH*. ISSN 0273-1177, 2007, vol. 40, no. 12, p. 1787-1801., WOS

WÖHL, Hubertus - KUČERA, Aleš - RYBÁK, Ján - HANSLMEIER, Arnold. Precise reduction of solar spectra obtained with large CCD arrays. In *Astronomy and Astrophysics*, ISSN 0004-6361, 2002, vol. 394, p. 1077-1091(4.259 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [9] TEPLITSKAYA, R. B. - TUROVA, I. P. - OZHOGINA, O. A.: The Lower Chromosphere in a Coronal Hole. In *SOLAR PHYSICS*, ISSN 0038-0938, 2007 vol 243, Issue 2, p.143-161., NASA ADS

ZBORIL, Milan. Spot modelling of the flare M4.5 dwarf YZ CMi. In *Astronomische Nachrichten*. ISSN 0004-6337, 2003, vol. 324, no. 6, p. 527-531. (1.461 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] SCALO, J. - KALTENEGGER, L. - SEGURA, A.G. - FRIDLUND, M. - RIBAS, I. - KULIKOV, Y.N. - GRENFELL, J.L. - RAUER, H. - ODERT, P. - LEITZINGER, M. - SELSIS, F. - KHODACHENKO, M.L. - EIROA, C. - KASTING, J. - LAMMER, H. M stars as targets for terrestrial exoplanet searches and biosignature detection. In *ASTROBIOLOGY*. ISSN 1531-1074, FEB 2007, vol. 7, no. 1, p. 85-166., WOS

ZBORIL, Milan - BUDAJ, Ján. Differential UBV photometry of two CP3 stars: 11 Her and 6 Her. In *Information Bulletin on Variable Stars*. ISSN 0374-0676, 1999, no. 4748, p. 1.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] BOZIC, H. - WOLF, M. - HARMANEC, P. - PRSA, A. - PERCY, J.R. - RUZDJAK, D. - SUDAR, D. - SLECHTA, M. - AK, H. - EENENS, P. HD 143418: an unusual light variable and a double-lined spectroscopic binary with a CP primary. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 464, no. 1, p. 362-375., NASA ADS

ZBORIL, Milan - BYRNE, Patrick B. Metallicity and photospheric abundances in field K and M dwarf stars. In *Monthly Notices of the Royal Astronomical Society*. ISSN 0035-8711, 1998, vol.299, p.753-758. (5.249 - IF 2007).

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] MALOGOLOVETS, E.V. - BALEGA, YU.YU. - RASTEGAEV, D.A. - HOFMANN, K.H. - WEIGELT, G. GJ 900: A new hierarchical system with low-mass components. In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 2, p. 117-124., NASA ADS

ZBORIL, Milan - DJURAŠEVIČ, Gojko. SV Cam spot activity in February 2001 - March 2002. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2003, vol. 406, p. 193-201. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] YUAN, J.Z. - QIAN, S.B. Variation of the period and light curves of the

solar-type contact binary EQ Tauri. In MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY. ISSN 0035-8711, OCT 21 2007, vol. 381, no. 2, p. 602-610., WOS

ZBORIL, Milan - NORTH, Pierre. Properties of He-rich stars II. CNO abundances and projected rotational velocities. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1999, vol. 345, p. 244-248. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 2**

1. [1.1] AHMAD, A. - BEHARA, N.T. - JEFFERY, C.S. - SAHIN, T. - WOOLF, V.M. An abundance analysis of a chemically peculiar B star - JL 87. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, APR 2007, vol. 465, no. 2, p. 541-U102., WOS
2. [1.1] CIDALE, L.S. - ARIAS, M.L. - TORRES, A.F. - ZOREC, J. - FREMAT, Y. - CRUZADO, A. Fundamental parameters of He-weak and He-strong stars. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, JUN 2007, vol. 468, no. 1, p. 263-U17., WOS

ZBORIL, Milan - NORTH, Pierre - GLAGOLEVSKIY, Yuriy V. - BETRIX, Frank. Properties of He-rich stars I. Their evolutionary state and helium abundance. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1997, vol. 324, 949-958. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] CIDALE, L.S. - ARIAS, M.L. - TORRES, A.F. - ZOREC, J. - FREMAT, Y. - CRUZADO, A. Fundamental parameters of He-weak and He-strong stars. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, JUN 2007, vol. 468, no. 1, p. 263-U17., WOS

ZBORIL, Milan - STRASSMEIER, Klaus G. - AVRETT, Eugen H. An atmospheric model for UZ Librae from mean Halfa-line profiles. In *Astronomy and Astrophysics*. ISSN 0004-6361, 2004, vol. 421, p. 295-303. (4.259 - IF2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] AYRES, T.R. - HODGES-KLUCK, E. - BROWN, A. X-ray and ultraviolet spectroscopy of intermediate-mass, first crossing giants. In ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES. ISSN 0067-0049, JUL 2007, vol. 171, no. 1, p. 304-330., WOS

ZVERKO, Juraj - ZBORIL, Milan - ŽIŽŇOVSKÝ, Jozef. Abundance determination in the CP star 21 Canum Venaticorum by means of spectrum synthesis. In *Astronomy and Astrophysics*. ISSN 0004-6361, 1994, vol.283, p.932-936. (4.259 - IF 2007).

**Citácie registrované v indexoch WOS: 1**

1. [1.1] DEBOSSCHER, J. - SARRO, L.M. - AERTS, C. - CUYPERS, J. - VANDENBUSSCHE, B. - GARRIDO, R. - SOLANO, E. Automated supervised classification of variable stars - I. methodology. In ASTRONOMY & ASTROPHYSICS. ISSN 0004-6361, DEC 2007, vol. 475, no. 3, p. 1159-1183., WOS

ZVERKO, Juraj - ŽIŽŇOVSKÝ, Jozef - KHOKHLOVA, Vera L. An analysis of disentangled spectra of the double-lined binary AR Aurigae by means of spectrum synthesis. Abundance determination of chosen chemical elements. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1997, vol.27, no.1, p.41-52.

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] AK, H. - CHADIMA, P. - HARMANEC, P. - DEMICRAN, O. - YANG, S. - KOUBSKY, P. - SKODA, P. - SLECHTA, M. - WOLF, M. - BOZIC, H. - RUZDJAK,

D. - SUDAR, D. New findings supporting the presence of a thick disc and bipolar jets in the Beta Lyrae system. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 463, no. 1, p. 233-241., NASA ADS

ŽIŽŇOVSKÝ, Jozef - SCHWARTZ, Pavol - ZVERKO, Juraj. The variable light curve of 56 Arietis. In *Information Bulletin on Variable Stars*. ISSN 0374-0676, 2000, vol. 4835, p.1-4

**Citácie registrované v iných citačných indexoch a databázach: 1**

1. [9] SOKOLOV, N.A. Ultraviolet variability of the mCP star 56 Arietis. In *Physics of magnetic stars*. PROCEEDINGS OF THE INTERNATIONAL CONFERENCE, eds. I.I. Romanyuk and D.O. Kudryavtsev, SAO RAS, Moscow, p. 348-359, NASA ADS

ŽIŽŇOVSKÝ, Jozef - ZVERKO, Juraj. Stratification of chromium abundance in CP-stars alpha2 Canum Venaticorum, epsilon Ursae Majoris, Sirius and Vega. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. ISSN 1335-1842, 1995, vol. 25, p. 39-44.

**Citácie registrované v iných citačných indexoch a databázach: 2**

1. [9] DEBOSSCHER, J. - SARRO, L.M. - AERTS, C. - CUYPERS, J. - VANDENBUSSCHE, B. - GARRIDO, R. - SOLANO, E. Automated supervised classification of variable stars. I. Methodology. In *ASTRONOMY AND ASTROPHYSICS*. ISSN 0004-6361, 2007, vol. 475, no. 3, p. 1159-1183., NASA ADS
2. [9] ROMANYUK, I.I. Main-sequence magnetic CP stars: II. Physical parameters and chemical composition of the atmosphere. In *ASTROPHYSICAL BULLETIN*. ISSN 1990-3413, 2007, vol. 62, no. 1, p. 62-89., NASA ADS

ŽIŽŇOVSKÝ, Jozef - ZVERKO, Juraj - ZBORIL, Milan - BUDAJ, Ján. A photometric and spectroscopic glance at the CP star HR 1643, In *Stellar Magnetism*, ed. Yuriy. V. Glagolevskij, Iosif. I. Romanyuk, (St. Petersburg: Nauka),1992, p. 223 - 225.

**Citácie registrované v iných citačných indexoch a databázach: 1**

- 1.[9] ADELMAN, S.J. - SUTTON, J.M. FCAPT *uvby* photometry of the mCP stars BN Cam, EP Vir, FF Vir, and HD 184905. In *THE PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC*, 2007, vol. 119, issue 857, p.733 - 741., NASA ADS