Petr Zasche

List of Publications by Year in descending order

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		567281	642732
73	719	15	23
papers	citations	h-index	g-index
73 all docs	73 docs citations	73 times ranked	579 citing authors

#	Article	IF	CITATIONS
1	A New Look at the HS Hydrae System. Astronomical Journal, 2022, 163, 94.	4.7	1
2	The first study of four doubly eclipsing systems. Astronomy and Astrophysics, 2022, 659, A8.	5.1	3
3	Six new compact triply eclipsing triples found with <i>TESS </i> Astronomical Society, 2022, 513, 4341-4360.	4.4	23
4	A $2+1\hat{A}+\hat{A}1$ quadruple star system containing the most eccentric, low-mass, short-period, eclipsing binary known. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2448-2463.	4.4	1
5	Possible substellar companions in dwarf eclipsing binaries. Astronomy and Astrophysics, 2021, 647, A65.	5.1	2
6	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. Astronomical Journal, 2021, 161, 162.	4.7	28
7	BVR _c l _c Observations, Third-body Orbital Study, and Analysis of the UV Leo-type, Pre-W UMA Binary V642 Virginis. Astronomical Journal, 2021, 161, 292.	4.7	0
8	TIC 454140642: A Compact, Coplanar, Quadruple-lined Quadruple Star System Consisting of Two Eclipsing Binaries. Astrophysical Journal, 2021, 917, 93.	4.5	19
9	The two eccentric eclipsing binaries in multiple systems: V539 Arae and V335 Serpentis. New Astronomy, 2021, 92, 101708.	1.8	0
10	A Survey of Novae in M83. Astrophysical Journal, 2021, 923, 239.	4.5	3
11	DXÂCygni: A triple system with mass transfer. New Astronomy, 2020, 76, 101336.	1.8	2
12	CzeV1731: The unique doubly eclipsing quadruple system. Astronomy and Astrophysics, 2020, 642, A63.	5.1	4
13	First apsidal motion and light curve analysis of 162 eccentric eclipsing binaries from LMC. Astronomy and Astrophysics, 2020, 640, A33.	5.1	5
14	Light-time effect detected in fourteen eclipsing binaries. Astronomy and Astrophysics, 2020, 643, A130.	5.1	2
15	V348 And and V572 Per: Bright Triple Systems with Eccentric Eclipsing Binaries*. Astronomical Journal, 2019, 158, 95.	4.7	0
16	Apsidal Motion and Absolute Parameters of 21 Early-type Small Magellanic Cloud Eccentric Eclipsing Binaries. Astronomical Journal, 2019, 157, 87.	4.7	10
17	Doubly eclipsing systems. Astronomy and Astrophysics, 2019, 630, A128.	5.1	24
18	The first study of 54 new eccentric eclipsing binaries in our Galaxy. Astronomy and Astrophysics, 2018, 619, A85.	5.1	7

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19	Physical properties of $\langle i \rangle \hat{l}^2 \langle i \rangle$ Lyrae A and its opaque accretion disk. Astronomy and Astrophysics, 2018, 618, A112.	5.1	11
20	New inclination changing eclipsing binaries in the Magellanic Clouds. Astronomy and Astrophysics, 2018, 609, A46.	5.1	13
21	Possible substellar companions in low-mass eclipsing binaries: GU Bootis and YY Geminorum. Astronomy and Astrophysics, 2018, 620, A72.	5.1	5
22	Improved model of the triple system V746 Cassiopeiae that has a bipolar magnetic field associated with the tertiary. Astronomy and Astrophysics, 2018, 609, A5.	5.1	2
23	Analysis of eight binaries in Lyncis constellation: RVÂLyn, AAÂLyn, AHÂLyn, CDÂLyn, CFÂLyn, DRÂLyn, EKÂLyn, and FSÂLyn. New Astronomy, 2017, 53, 53-60.	1.8	O
24	The first study of the light-travel time effect in bright eclipsing binaries in the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2952-2958.	4.4	4
25	V773 Cas, QS Aql, AND BR Ind: ECLIPSING BINARIES AS PARTS OF MULTIPLE SYSTEMS*. Astronomical Journal, 2017, 153, 36.	4.7	2
26	Photometric Study of Fourteen Low-mass Binaries < sup>â^— . Astronomical Journal, 2017, 154, 30.	4.7	4
27	The first study of the light-traveltime effect in bright eclipsing binaries in the Small Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2241-2248.	4.4	10
28	The first study of the light-travel time effect in massive LMC eclipsing binaries. Astronomy and Astrophysics, 2016, 590, A85.	5.1	13
29	Time-dependent spectral-feature variations of stars displaying the B[e] phenomenon. Astronomy and Astrophysics, 2016, 586, A116.	5.1	13
30	Substellar companions in low-mass eclipsing binaries. Astronomy and Astrophysics, 2016, 587, A82.	5.1	13
31	$\langle i \rangle \hat{i}^3 / \langle i \rangle$ Tauri: a unique laboratory to study the dynamic interaction in a compact hierarchical quadruple system. Astronomy and Astrophysics, 2016, 594, A55.	5.1	22
32	First analysis of eight Algol-type binaries: El Aur, XY Dra, BP Dra, DD Her, VX Lac, WX Lib, RZ Lyn, and TY Tri. New Astronomy, 2016, 42, 1-9.	1.8	0
33	Updated study of the quintuple system V994 Herculis. Astronomy and Astrophysics, 2016, 588, A121.	5.1	17
34	Properties and nature of Be stars. Astronomy and Astrophysics, 2015, 573, A107.	5.1	15
35	TEN <i>KEPLER</i> ECLIPSING BINARIES CONTAINING THE THIRD COMPONENTS. Astronomical Journal, 2015, 149, 197. The system V389 Cas: Algol-type binary with <mml:math "<="" altimg="si69.gif" overflow="scroll" td=""><td>4.7</td><td>16</td></mml:math>	4.7	16
36	xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xss="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www New Astrono	1.8	2

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37	APSIDAL MOTION AND A LIGHT CURVE SOLUTION FOR 13 LMC ECCENTRIC ECLIPSING BINARIES. Astronomical Journal, 2015, 150, 183.	4.7	9
38	First analysis of eight Algol-type systems: V537 And, GS Boo, AM CrB, V1298 Her, EL Lyn, FW Per, RU Tri, and WW Tri. New Astronomy, 2015, 34, 253-261.	1.8	1
39	THE PERIOD ANALYSIS OF V418 AQL, SU BOO, RV CVn, CR CAS, GV CYG, V432 PER, AND BD+42 2782. Astronomical Journal, 2014, 147, 130.	4.7	7
40	Apsidal motion and a light curve solution for eighteen SMC eccentric eclipsing binaries. Astronomy and Astrophysics, 2014, 572, A71.	5.1	38
41	Ole RÃ,mer's method still on the stage: the study of two bound eclipsing binaries in quintuple system V994 Her. Monthly Notices of the Royal Astronomical Society, 2013, 429, 3472-3476.	4.4	10
42	Apsidal motion and absolute parameters for five LMC eccentric eclipsing binaries. Astronomy and Astrophysics, 2013, 558, A51.	5.1	14
43	Apsidal motion in five eccentric eclipsing binaries. Astronomy and Astrophysics, 2013, 549, A108.	5.1	8
44	The first analysis of extragalactic binary-orbit precession. Astronomy and Astrophysics, 2013, 559, A41.	5.1	2
45	New eccentric eclipsing binary in triple system: SY Phe. New Astronomy, 2012, 17, 687-690.	1.8	1
46	GK Bootis and AE Fornacis: two low-mass eclipsing binaries with dwarf companions. Astronomy and Astrophysics, 2012, 537, A109.	5.1	3
47	Large distance oflµÂAurigae inferred from interstellar absorption and reddening. Astronomy and Astrophysics, 2012, 546, A123.	5.1	9
48	HS Hydrae about to turn off its eclipses. Astronomy and Astrophysics, 2012, 542, L23.	5.1	13
49	The quest for companions to post-common envelope binaries. Astronomy and Astrophysics, 2012, 540, A8.	5.1	37
50	First detailed analysis of multiple system V2083 Cyg. Monthly Notices of the Royal Astronomical Society, 2012, 421, 1196-1200.	4.4	1
51	Survey for δSct components in eclipsing binaries and new correlations between pulsation frequency and fundamental stellar characteristics. Monthly Notices of the Royal Astronomical Society, 2012, 422, 1250-1262.	4.4	47
52	Unique sextuple system: 65 Ursae Majoris. Astronomy and Astrophysics, 2012, 542, A78.	5.1	5
53	Eclipsing Binaries Within Visual Ones: Prospects of Combined Solution. Proceedings of the International Astronomical Union, 2011, 7, 207-208.	0.0	0
54	NSVS 01031772 Cam: A New Low-Mass Triple?. Proceedings of the International Astronomical Union, 2011, 7, 490-491.	0.0	0

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55	The data mining III: An analysis of 21 eclipsing binary light-curves observed by the INTEGRAL/OMC. New Astronomy, 2011, 16, 157-160.	1.8	10
56	A comprehensive study of six Algol type binaries. New Astronomy, 2011, 16, 530-538.	1.8	12
57	V456 Ophiuchi and V490 Cygni: Systems with the shortest apsidal-motion periods. Astronomy and Astrophysics, 2011, 527, A43.	5.1	3
58	Period analysis of the eclipsing binary Al Dra. Astrophysics and Space Science, 2010, 326, 119-123.	1.4	4
59	The data mining II: An analysis of 33 eclipsing binary light-curves observed by the INTEGRAL/OMC. New Astronomy, 2010, 15, 150-154.	1.8	6
60	The field high-amplitude SXÂPhe variable BLÂCam: results from a multisite photometric campaign. Astronomy and Astrophysics, 2010, 515, A39.	5.1	12
61	A UNIFIED SOLUTION FOR THE ORBIT AND LIGHT-TIME EFFECT IN THE V505 Sgr SYSTEM. Astronomical Journal, 2010, 139, 2258-2268.	4.7	8
62	The triple system KR Comae Berenices. Astronomy and Astrophysics, 2010, 519, A78.	5.1	6
63	Physical parameters determination of the RR Lyrae Star a CM, SW, SZ and UY in Bootes., 2009,,.		0
64	A CATALOG OF VISUAL DOUBLE AND MULTIPLE STARS WITH ECLIPSING COMPONENTS. Astronomical Journal, 2009, 138, 664-679.	4.7	21
65	Period changes in six contact binaries: WZ And, V803 Aql, DF Hya, PY Lyr, FZ Ori, and AH Tau. New Astronomy, 2009, 14, 121-128.	1.8	65
66	The data mining: An analysis of 20 eclipsing binary light-curves observed by the INTEGRAL/OMC. New Astronomy, 2009, 14, 129-132.	1.8	10
67	Period changes in six semi-detached Algol-type binaries. New Astronomy, 2008, 13, 405-413.	1.8	20
68	The first light-curve analysis of eclipsing binaries observed by the INTEGRAL/OMC. New Astronomy, 2008, 13, 481-484.	1.8	4
69	The field high-amplitude SXÂPhoenicis variable BLÂCamelopardalis: results from a multisite photometric campaign. Astronomy and Astrophysics, 2007, 471, 255-264.	5.1	17
70	Combining astrometry with the lightâ€time effect: The case of VW Cep, <i>ζ</i> Phe and HT Vir. Astronomische Nachrichten, 2007, 328, 928-937.	1.2	15
71	BVRI Light Curves and Period Analysis of the Beta Lyrae System XX Leonis. Proceedings of the International Astronomical Union, 2006, 2, 551-554.	0.0	0
72	Eclipsing Binaries with Possible Light-Time Effect. Astrophysics and Space Science, 2006, 304, 177-179.	1.4	3

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#	Article	IF	CITATIONS
73	Eclipsing Binaries Showing Light–Time Effect. Astrophysics and Space Science, 2005, 296, 127-130.	1.4	2