

Petr Zasche

List of Publications by Year in descending order

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73
papers

719
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567281

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73
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579
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#	ARTICLE	IF	CITATIONS
1	A New Look at the HS Hydrae System. <i>Astronomical Journal</i> , 2022, 163, 94.	4.7	1
2	The first study of four doubly eclipsing systems. <i>Astronomy and Astrophysics</i> , 2022, 659, A8.	5.1	3
3	Six new compact triply eclipsing triples found with <i>TESS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 4341-4360.	4.4	23
4	A 2+1+1 quadruple star system containing the most eccentric, low-mass, short-period, eclipsing binary known. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 2448-2463.	4.4	1
5	Possible substellar companions in dwarf eclipsing binaries. <i>Astronomy and Astrophysics</i> , 2021, 647, A65.	5.1	2
6	TIC 168789840: A Sextuply Eclipsing Sextuple Star System. <i>Astronomical Journal</i> , 2021, 161, 162.	4.7	28
7	BVR _c Observations, Third-body Orbital Study, and Analysis of the UV Leo-type, Pre-W UMA Binary V642 Virginis. <i>Astronomical Journal</i> , 2021, 161, 292.	4.7	0
8	TIC 454140642: A Compact, Coplanar, Quadruple-lined Quadruple Star System Consisting of Two Eclipsing Binaries. <i>Astrophysical Journal</i> , 2021, 917, 93.	4.5	19
9	The two eccentric eclipsing binaries in multiple systems: V539 Arae and V335 Serpentis. <i>New Astronomy</i> , 2021, 92, 101708.	1.8	0
10	A Survey of Novae in M83. <i>Astrophysical Journal</i> , 2021, 923, 239.	4.5	3
11	DX Cygni: A triple system with mass transfer. <i>New Astronomy</i> , 2020, 76, 101336.	1.8	2
12	CzeV1731: The unique doubly eclipsing quadruple system. <i>Astronomy and Astrophysics</i> , 2020, 642, A63.	5.1	4
13	First apsidal motion and light curve analysis of 162 eccentric eclipsing binaries from LMC. <i>Astronomy and Astrophysics</i> , 2020, 640, A33.	5.1	5
14	Light-time effect detected in fourteen eclipsing binaries. <i>Astronomy and Astrophysics</i> , 2020, 643, A130.	5.1	2
15	V348 And and V572 Per: Bright Triple Systems with Eccentric Eclipsing Binaries*. <i>Astronomical Journal</i> , 2019, 158, 95.	4.7	0
16	Apsidal Motion and Absolute Parameters of 21 Early-type Small Magellanic Cloud Eccentric Eclipsing Binaries. <i>Astronomical Journal</i> , 2019, 157, 87.	4.7	10
17	Doubly eclipsing systems. <i>Astronomy and Astrophysics</i> , 2019, 630, A128.	5.1	24
18	The first study of 54 new eccentric eclipsing binaries in our Galaxy. <i>Astronomy and Astrophysics</i> , 2018, 619, A85.	5.1	7

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37	APSIDAL MOTION AND A LIGHT CURVE SOLUTION FOR 13 LMC ECCENTRIC ECLIPSING BINARIES. <i>Astronomical Journal</i> , 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. <i>New Astronomy</i> , 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. <i>Astronomical Journal</i> , 2014, 147, 130.	4.7	7
40	Apsidal motion and a light curve solution for eighteen SMC eccentric eclipsing binaries. <i>Astronomy and Astrophysics</i> , 2014, 572, A71.	5.1	38
41	Ole R�mer's method still on the stage: the study of two bound eclipsing binaries in quintuple system V994 Her. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 3472-3476.	4.4	10
42	Apsidal motion and absolute parameters for five LMC eccentric eclipsing binaries. <i>Astronomy and Astrophysics</i> , 2013, 558, A51.	5.1	14
43	Apsidal motion in five eccentric eclipsing binaries. <i>Astronomy and Astrophysics</i> , 2013, 549, A108.	5.1	8
44	The first analysis of extragalactic binary-orbit precession. <i>Astronomy and Astrophysics</i> , 2013, 559, A41.	5.1	2
45	New eccentric eclipsing binary in triple system: SY Phe. <i>New Astronomy</i> , 2012, 17, 687-690.	1.8	1
46	GK Bootis and AE Fornacis: two low-mass eclipsing binaries with dwarf companions. <i>Astronomy and Astrophysics</i> , 2012, 537, A109.	5.1	3
47	Large distance of μ Aurigae inferred from interstellar absorption and reddening. <i>Astronomy and Astrophysics</i> , 2012, 546, A123.	5.1	9
48	HS Hydrae about to turn off its eclipses. <i>Astronomy and Astrophysics</i> , 2012, 542, L23.	5.1	13
49	The quest for companions to post-common envelope binaries. <i>Astronomy and Astrophysics</i> , 2012, 540, A8.	5.1	37
50	First detailed analysis of multiple system V2083 Cyg. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1196-1200.	4.4	1
51	Survey for δ Sct components in eclipsing binaries and new correlations between pulsation frequency and fundamental stellar characteristics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1250-1262.	4.4	47
52	Unique sextuple system: 65 Ursae Majoris. <i>Astronomy and Astrophysics</i> , 2012, 542, A78.	5.1	5
53	Eclipsing Binaries Within Visual Ones: Prospects of Combined Solution. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 207-208.	0.0	0
54	NSVS 01031772 Cam: A New Low-Mass Triple?. <i>Proceedings of the International Astronomical Union</i> , 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. <i>New Astronomy</i> , 2011, 16, 157-160.	1.8	10
56	A comprehensive study of six Algol type binaries. <i>New Astronomy</i> , 2011, 16, 530-538.	1.8	12
57	V456 Ophiuchi and V490 Cygni: Systems with the shortest apsidal-motion periods. <i>Astronomy and Astrophysics</i> , 2011, 527, A43.	5.1	3
58	Period analysis of the eclipsing binary AI Dra. <i>Astrophysics and Space Science</i> , 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. <i>New Astronomy</i> , 2010, 15, 150-154.	1.8	6
60	The field high-amplitude SXÂPhe variable BLÂCam: results from a multisite photometric campaign. <i>Astronomy and Astrophysics</i> , 2010, 515, A39.	5.1	12
61	A UNIFIED SOLUTION FOR THE ORBIT AND LIGHT-TIME EFFECT IN THE V505 Sgr SYSTEM. <i>Astronomical Journal</i> , 2010, 139, 2258-2268.	4.7	8
62	The triple system KR Comae Berenices. <i>Astronomy and Astrophysics</i> , 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. <i>Astronomical Journal</i> , 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. <i>New Astronomy</i> , 2009, 14, 121-128.	1.8	65
66	The data mining: An analysis of 20 eclipsing binary light-curves observed by the INTEGRAL/OMC. <i>New Astronomy</i> , 2009, 14, 129-132.	1.8	10
67	Period changes in six semi-detached Algol-type binaries. <i>New Astronomy</i> , 2008, 13, 405-413.	1.8	20
68	The first light-curve analysis of eclipsing binaries observed by the INTEGRAL/OMC. <i>New Astronomy</i> , 2008, 13, 481-484.	1.8	4
69	The field high-amplitude SXÂPhoenicis variable BLÂCamelopardalis: results from a multisite photometric campaign. <i>Astronomy and Astrophysics</i> , 2007, 471, 255-264.	5.1	17
70	Combining astrometry with the light-time effect: The case of VW Cep, <i>Phe</i> and HT Vir. <i>Astronomische Nachrichten</i> , 2007, 328, 928-937.	1.2	15
71	BVRI Light Curves and Period Analysis of the Beta Lyrae System XX Leonis. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 551-554.	0.0	0
72	Eclipsing Binaries with Possible Light-Time Effect. <i>Astrophysics and Space Science</i> , 2006, 304, 177-179.	1.4	3

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73	Eclipsing Binaries Showing Light-Time Effect. <i>Astrophysics and Space Science</i> , 2005, 296, 127-130.	1.4	2