

Krzysztof Gozdziwski

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6561170/krzysztof-gozdziwski-publications-by-year.pdf>
Version: 2024-04-04

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78 papers	1,998 citations	32 h-index	42 g-index
81 ext. papers	2,219 ext. citations	3.7 avg, IF	5.07 L-index

#	Paper	IF	Citations
78	Planet-planet scattering in presence of a companion star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022 , 510, 5050-5061	4.3	1
77	An Exact, Generalized Laplace Resonance in the HR 8799 Planetary System. <i>Astrophysical Journal Letters</i> , 2020 , 902, L40	7.9	10
76	Two Super-Earths in the 3:2 MMR around KOI-1599. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 4601-4616	4.3	9
75	A periodic configuration of the Kepler-25 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 480, 1767-1777	4.3	3
74	The Orbital Architecture and Debris Disks of the HR 8799 Planetary System. <i>Astrophysical Journal, Supplement Series</i> , 2018 , 238, 6	8	14
73	The architecture and formation of the Kepler-30 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 478, 2480-2494	4.3	12
72	Another look at AM Herculis radio-astrometric campaign with the e-EVN at 6 cm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018 , 475, 1399-1409	4.3	5
71	Is There a Circumbinary Planet around NSVS 14256825?. <i>Astronomical Journal</i> , 2017 , 153, 137	4.9	30
70	Searching for planets around eclipsing binary stars using timing method: NSVS 14256825. <i>Proceedings of the International Astronomical Union</i> , 2017 , 12, 405-406	0.1	
69	The origin and 9:7 MMR dynamics of the Kepler-29 system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 465, 2366-2380	4.3	28
68	The reversibility error method (REM): a new, dynamical fast indicator for planetary dynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 469-491	4.3	29
67	Search for exoplanets and brown dwarfs with VLBI. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016 , 461, 929-938	4.3	7
66	The HU Aqr planetary system hypothesis revisited. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015 , 448, 1118-1136	4.3	41
65	The Laplace resonance in the Kepler-60 planetary system. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2015 , 455, L104-L108	4.3	56
64	Mechanic: The MPI/HDF code framework for dynamical astronomy. <i>New Astronomy</i> , 2015 , 34, 98-107	1.8	8
63	PREDICTING A THIRD PLANET IN THE KEPLER-47 CIRCUMBINARY SYSTEM. <i>Astrophysical Journal</i> , 2015 , 799, 88	4.7	39
62	Revisiting the proposed circumbinary multiplanet system NSVS 14256825. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 438, 307-317	4.3	36

61	Multiple mean motion resonances in the HR 8799 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014 , 440, 3140-3171	4.3	76
60	Multi-site campaign for transit timing variations of WASP-12 b: possible detection of a long-period signal of planetary origin. <i>Astronomy and Astrophysics</i> , 2013 , 551, A108	5.1	41
59	A linear distribution of orbits in compact planetary systems?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2013 , 436, L25-L29	4.3	19
58	Testing a hypothesis of the ϵ Octantis planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013 , 430, 533-545	4.3	37
57	Review of the ultrafast time resolution photopolarimeters based on SPADs. <i>Proceedings of the International Astronomical Union</i> , 2013 , 9, 487-488	0.1	
56	The two-body problem of a pseudo-rigid body and a rigid sphere. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2012 , 112, 169-190	1.4	1
55	On the HU Aquarii planetary system hypothesis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 425, 930-949	4.3	54
54	A dynamical analysis of the Kepler-11 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 427, 770-789	4.3	44
53	New light-travel time models and orbital stability study of the proposed planetary system HU Aquarii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012 , 420, 3609-3620	4.3	59
52	THE PROPOSED QUADRUPLE SYSTEM SZ HERCULIS: REVISED LITE MODEL AND ORBITAL STABILITY STUDY. <i>Astronomical Journal</i> , 2012 , 144, 34	4.9	15
51	Aspects on the Dynamics and Detection of Additional Circumbinary Extrasolar Planets. <i>Proceedings of the International Astronomical Union</i> , 2012 , 8, 133-139	0.1	
50	International observational campaigns of the last two eclipses in ϵ Cephei: 2003 and 2008/9. <i>Astronomy and Astrophysics</i> , 2012 , 544, A53	5.1	11
49	The non-resonant, relativistic dynamics of circumbinary planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011 , 411, 565-583	4.3	32
48	Relative equilibria in the unrestricted problem of a sphere and symmetric rigid body. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 403, 848-858	4.3	10
47	Application of the MEGNO technique to the dynamics of Jovian irregular satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010 , 404, 837-857	4.3	59
46	Relativistic model of the Lidov-Kozai resonance in binaries. <i>EAS Publications Series</i> , 2010 , 42, 385-391	0.2	2
45	Secular dynamics of a coplanar, non-resonant planetary system under the general relativity and quadrupole moment perturbations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 392, 2-18	4.3	15
44	Equilibria in the secular, non-co-planar two-planet problem. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 395, 1777-1794	4.3	14

43	On the habitability of the OGLE-2006-BLG-109L planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 395, 1204-1212	4.3	5
42	First results from the Calan-Hertfordshire Extrasolar Planet Search: exoplanets and the discovery of an eccentric brown dwarf in the desert?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009 , 398, 911-917	4.3	57
41	Is the HR 8799 extrasolar system destined for planetary scattering?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009 , 397, L16-L20	4.3	72
40	A PLANET IN A 0.6 AU ORBIT AROUND THE K0 GIANT HD 102272. <i>Astrophysical Journal</i> , 2009 , 693, 276-289	4.7	69
39	A dynamical analysis of the 14 Herculis planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 385, 957-966	4.3	24
38	A secular theory of coplanar, non-resonant planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008 , 388, 789-802	4.3	30
37	The Successful Prediction of the Extrasolar Planet HD 74156d. <i>Astrophysical Journal</i> , 2008 , 680, L57-L60	4.7	36
36	Dynamics and stability of telluric planets within the habitable zone of extrasolar planetary systems. <i>Astronomy and Astrophysics</i> , 2008 , 488, 1133-1147	5.1	12
35	The long-term stability of extrasolar system HD 37124. Numerical study of resonance effects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007 , 383, 989-999	4.3	38
34	On the Extrasolar Multiplanet System around HD 160691. <i>Astrophysical Journal</i> , 2007 , 657, 546-558	4.7	50
33	Stability constraints in modeling of multi-planet extrasolar systems. <i>Proceedings of the International Astronomical Union</i> , 2007 , 3, 447-460	0.1	1
32	Planetary nebulae with emission-line central stars. <i>Astronomy and Astrophysics</i> , 2006 , 451, 925-935	5.1	39
31	Orbital Configurations and Dynamical Stability of Multiplanet Systems around Sun-like Stars HD 202206, 14 Herculis, HD 37124, and HD 108874. <i>Astrophysical Journal</i> , 2006 , 645, 688-703	4.7	47
30	About putative Neptune-like extrasolar planetary candidates. <i>Astronomy and Astrophysics</i> , 2006 , 449, 1219-1232	5.1	17
29	Trojan Pairs in the HD 128311 and HD 82943 Planetary Systems?. <i>Astrophysical Journal</i> , 2006 , 647, 573-586	4.7	62
28	Orbital Solutions to the HD 160691 (Arae) Doppler Signal. <i>Astrophysical Journal</i> , 2005 , 622, 1136-1148	4.7	37
27	Long-Term Stability and Dynamical Environment of the PSR 1257+12 Planetary System. <i>Astrophysical Journal</i> , 2005 , 619, 1084-1097	4.7	41
26	Fitting orbits. <i>Proceedings of the International Astronomical Union</i> , 2004 , 2004, 47-48	0.1	

25	Dynamical Properties of the Multiplanet System around HD 169830. <i>Astrophysical Journal</i> , 2004 , 610, 1093-1106	4.7	33
24	Stability of the Triangular Libration Points in the Unrestricted Planar Problem of a Symmetric Rigid Body and a Point Mass. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2003 , 85, 79-103	1.4	12
23	A dynamical analysis of the HD 7124 planetary system. <i>Astronomy and Astrophysics</i> , 2003 , 398, 315-325	5.1	23
22	Stability of the HD 12661 Planetary System. <i>Astronomy and Astrophysics</i> , 2003 , 398, 1151-1161	5.1	32
21	The Janus Head of the HD 12661 Planetary System. <i>Astrophysical Journal</i> , 2003 , 586, L153-L156	4.7	35
20	Where is the Second Planet in the HD 160691 Planetary System?. <i>Astrophysical Journal</i> , 2003 , 594, 1019-1032	4.7	46
19	Global dynamics of the Gliese 876 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002 , 332, 839-855	4.3	50
18	Stability of the 47 UMa planetary system. <i>Astronomy and Astrophysics</i> , 2002 , 393, 997-1013	5.1	33
17	Dynamical Analysis of the Orbital Parameters of the HD 82943 Planetary System. <i>Astrophysical Journal</i> , 2001 , 563, L81-L85	4.7	67
16	Global dynamics of planetary systems with the MEGNO criterion. <i>Astronomy and Astrophysics</i> , 2001 , 378, 569-586	5.1	93
15	Searching for integrable systems. An application of Kozlov theorem. <i>Reports on Mathematical Physics</i> , 2000 , 46, 175-182	0.8	1
14	Perturbations of Small Moons Orbits due to their rotation: The Model Problem. <i>International Astronomical Union Colloquium</i> , 1999 , 172, 379-380		
13	Unrestricted Planar Problem of a Symmetric Body and a Point Mass. Triangular Libration Points and Their Stability. <i>Celestial Mechanics and Dynamical Astronomy</i> , 1999 , 75, 251-285	1.4	28
12	Numerical evidence of nonintegrability of certain Lie-Poisson system. <i>Reports on Mathematical Physics</i> , 1999 , 44, 133-142	0.8	4
11	Special Version of the Three Body Problem		2
10	Nonlinear Stability of the Lagrangian Libration Points in the Chermnykh Problem		38
9	Rotational Dynamics of Janus and Epimetheus. <i>International Astronomical Union Colloquium</i> , 1997 , 165, 269-274		
8	Rotational Dynamics of Janus and Epimetheus		4

7	The Taylor series method for the problem of the rotational motion of a rigid satellite. <i>Astrophysics and Space Science</i> , 1995 , 232, 167-184	1.6	0
6	On the gravitational fields of Pandora and Prometheus. <i>Earth, Moon and Planets</i> , 1995 , 69, 25-50	0.6	13
5	A model of the gravitational field of Amalthea. <i>Earth, Moon and Planets</i> , 1994 , 64, 243-264	0.6	2
4	Nonintegrability, Separatrices Crossing and Homoclinic Orbits in the Problem of Rotational Motion of a Satellite. <i>NATO ASI Series Series B: Physics</i> , 1992 , 145-159		3
3	Normalization algorithms of Hamiltonian near an equilibrium point. <i>Astrophysics and Space Science</i> , 1991 , 179, 1-11	1.6	9
2	About stability of libration points in the restricted photogravitational three body problem. <i>Celestial Mechanics and Dynamical Astronomy</i> , 1991 , 52, 195-201	1.4	7
1	System for normalization of a hamiltonian function based on lie series. <i>Celestial Mechanics and Dynamical Astronomy</i> , 1990 , 49, 1-10	1.4	9