

TabarÃ© Gallardo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/489595/publications.pdf>

Version: 2024-02-01

30
papers

877
citations

567281

15
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Secular evolution of resonant small bodies: semi-analytical approach for arbitrary eccentricities in the coplanar case. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1153-1166.	4.4	1
2	Is the orbital distribution of multiplanet systems influenced by pure three-planet resonances?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 541-550.	4.4	5
3	Semianalytical model for planetary resonances. <i>Astronomy and Astrophysics</i> , 2021, 646, A148.	5.1	7
4	On the origin of the Kreutz family of sungrazing comets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 789-802.	4.4	6
5	Three-dimensional structure of mean motion resonances beyond Neptune. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2020, 132, 1.	1.4	24
6	Strength, stability and three dimensional structure of mean motion resonances in the solar system. <i>Icarus</i> , 2019, 317, 121-134.	2.5	26
7	Orbital stability in the Solar system for arbitrary inclinations and eccentricities: planetary perturbations versus resonances. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 1709-1716.	4.4	6
8	The dynamical evolution of escaped Jupiter Trojan asteroids, link to other minor body populations. <i>Icarus</i> , 2019, 319, 828-839.	2.5	25
9	Resonances in the asteroid and trans-Neptunian belts: A brief review. <i>Planetary and Space Science</i> , 2018, 157, 96-103.	1.7	7
10	Co-orbital resonance with a migrating proto-giant planet. <i>Planetary and Space Science</i> , 2018, 161, 76-83.	1.7	0
11	Dynamical evolution and end states of active and inactive Centaurs. <i>Planetary and Space Science</i> , 2018, 158, 6-15.	1.7	35
12	Exploring the orbital evolution of planetary systems. <i>European Journal of Physics</i> , 2017, 38, 035002.	0.6	1
13	Planetary and satellite three body mean motion resonances. <i>Icarus</i> , 2016, 274, 83-98.	2.5	27
14	The end states of long-period comets and the origin of Halley-type comets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 461, 3075-3088.	4.4	13
15	Atlas of three body mean motion resonances in the Solar System. <i>Icarus</i> , 2014, 231, 273-286.	2.5	39
16	Assessing the physical nature of near-Earth asteroids through their dynamical histories. <i>Icarus</i> , 2014, 238, 1-12.	2.5	20
17	Survey of Kozai dynamics beyond Neptune. <i>Icarus</i> , 2012, 220, 392-403.	2.5	81
18	Origin and sustainability of the population of asteroids captured in the exterior resonance 1:2 with Mars. <i>Icarus</i> , 2011, 214, 632-644.	2.5	13

#	ARTICLE	IF	CITATIONS
19	How to take into account the relativistic effects in dynamical studies of comets. Proceedings of the International Astronomical Union, 2009, 5, 106-109.	0.0	0
20	The relativistic factor in the orbital dynamics of point masses. Celestial Mechanics and Dynamical Astronomy, 2008, 101, 289-307.	1.4	20
21	The Mars 1:2 resonant population. Icarus, 2007, 190, 280-282.	2.5	8
22	Atlas of the mean motion resonances in the Solar System. Icarus, 2006, 184, 29-38.	2.5	112
23	The occurrence of high-order resonances and Kozai mechanism in the scattered disk. Icarus, 2006, 181, 205-217.	2.5	36
24	The Dynamics of the HD 12661 Extrasolar Planetary System. Astrophysical Journal, 2005, 628, 1006-1013.	4.5	37
25	On The Origin of The High-Perihelion Scattered Disk: The Role of The Kozai Mechanism And Mean Motion Resonances. Celestial Mechanics and Dynamical Astronomy, 2005, 91, 109-129.	1.4	113
26	The scattered disk population as a source of Oort cloud comets: evaluation of its current and past role in populating the Oort cloud. Icarus, 2004, 172, 372-381.	2.5	51
27	The Scattered Disk Population and the Oort Cloud. , 2004, , 43-48.		2
28	The Scattered Disk Population and the Oort Cloud. Earth, Moon and Planets, 2003, 92, 43-48.	0.6	2
29	Are There Many Inactive Jupiter-Family Comets among the Near-Earth Asteroid Population?. Icarus, 2002, 159, 358-368.	2.5	145
30	Understanding Libration Via Time-Frequency Analysis. Astronomical Journal, 1997, 113, 863.	4.7	15