TabarÃ© Gallardo

List of Publications by Year
in descending order

30	877	567281 15	526287 27
papers	citations	h-index	g-index

31	31	31	466
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Are There Many Inactive Jupiter-Family Comets among the Near-Earth Asteroid Population?. Icarus, 2002, 159, 358-368.	2.5	145
2	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
3	Atlas of the mean motion resonances in the Solar System. Icarus, 2006, 184, 29-38.	2.5	112
4	Survey of Kozai dynamics beyond Neptune. Icarus, 2012, 220, 392-403.	2.5	81
5	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
6	Atlas of three body mean motion resonances in the Solar System. Icarus, 2014, 231, 273-286.	2.5	39
7	The Dynamics of the HD 12661 Extrasolar Planetary System. Astrophysical Journal, 2005, 628, 1006-1013.	4.5	37
8	The occurrence of high-order resonances and Kozai mechanism in the scattered disk. Icarus, 2006, 181, 205-217.	2.5	36
9	Dynamical evolution and end states of active and inactive Centaurs. Planetary and Space Science, 2018, 158, 6-15.	1.7	35
10	Planetary and satellite three body mean motion resonances. Icarus, 2016, 274, 83-98.	2.5	27
11	Strength, stability and three dimensional structure of mean motion resonances in the solar system. Icarus, 2019, 317, 121-134.	2.5	26
12	The dynamical evolution of escaped Jupiter Trojan asteroids, link to other minor body populations. Icarus, 2019, 319, 828-839.	2.5	25
13	Three-dimensional structure of mean motion resonances beyond Neptune. Celestial Mechanics and Dynamical Astronomy, 2020, 132, 1.	1.4	24
14	The relativistic factor in the orbital dynamics of point masses. Celestial Mechanics and Dynamical Astronomy, 2008, 101, 289-307.	1.4	20
15	Assessing the physical nature of near-Earth asteroids through their dynamical histories. Icarus, 2014, 238, 1-12.	2.5	20
16	Understanding Libration Via Time-Frequency Analysis. Astronomical Journal, 1997, 113, 863.	4.7	15
17	Origin and sustainability of the population of asteroids captured in the exterior resonance 1:2 with Mars. Icarus, 2011, 214, 632-644.	2.5	13
18	The end states of long-period comets and the origin of Halley-type comets. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3075-3088.	4.4	13

#	Article	IF	Citations
19	The Mars 1:2 resonant population. Icarus, 2007, 190, 280-282.	2.5	8
20	Resonances in the asteroid and transâ€“Neptunian belts: A brief review. Planetary and Space Science, 2018, 157, 96-103.	1.7	7
21	Semianalytical model for planetary resonances. Astronomy and Astrophysics, 2021, 646, A148.	5.1	7
22	Orbital stability in the Solar system for arbitrary inclinations and eccentricities: planetary perturbations versus resonances. Monthly Notices of the Royal Astronomical Society, 2019, 487, 1709-1716.	4.4	6
23	On the origin of the Kreutz family of sungrazing comets. Monthly Notices of the Royal Astronomical Society, 2021, 508, 789-802.	4.4	6
24	Is the orbital distribution of multiplanet systems influenced by pure three-planet resonances?. Monthly Notices of the Royal Astronomical Society, 2022, 513, 541-550.	4.4	5
25	The Scattered Disk Population and the Oort Cloud. Earth, Moon and Planets, 2003, 92, 43-48.	0.6	2
26	The Scattered Disk Population and the Oort Cloud. , 2004, , 43-48.		2
27	Exploring the orbital evolution of planetary systems. European Journal of Physics, 2017, 38, 035002.	0.6	1
28	Secular evolution of resonant small bodies: semi-analytical approach for arbitrary eccentricities in the coplanar case. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1153-1166.	4.4	1
29	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
30	Coâ€“orbital resonance with a migrating protoâ€“giant planet. Planetary and Space Science, 2018, 161, 76-83.	1.7	0