Gongjie Li

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1584817/publications.pdf

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33	1,265	567281 15	377865 34
papers	citations	h-index	g-index

35	35	35	1516
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Growth model interpretation of planet size distribution. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9723-9728.	7.1	311
2	ECCENTRICITY GROWTH AND ORBIT FLIP IN NEAR-COPLANAR HIERARCHICAL THREE-BODY SYSTEMS. Astrophysical Journal, 2014, 785, 116.	4.5	152
3	CHAOS IN THE TEST PARTICLE ECCENTRIC KOZAIâ€“LIDOV MECHANISM. Astrophysical Journal, 2014, 791, 86.	4.5	115
4	The Eccentric Kozaiâ€“Lidov Mechanism for Outer Test Particle. Astronomical Journal, 2017, 154, 18.	4.7	86
5	Cross-sections for planetary systems interacting with passing stars and binaries. Monthly Notices of the Royal Astronomical Society, 2015, 448, 344-363.	4.4	71
6	TOI-1338: TESSâ€™ First Transiting Circumbinary Planet. Astronomical Journal, 2020, 159, 253.	4.7	58
7	UNCOVERING CIRCUMBINARY PLANETARY ARCHITECTURAL PROPERTIES FROM SELECTION BIASES. Astrophysical Journal, 2016, 831, 96.	4.5	52
8	INTERACTION CROSS SECTIONS AND SURVIVAL RATES FOR PROPOSED SOLAR SYSTEM MEMBER PLANET NINE. Astrophysical Journal Letters, 2016, 823, L3.	8.3	48
9	ON THE SPIN-AXIS DYNAMICS OF A MOONLESS EARTH. Astrophysical Journal, 2014, 790, 69.	4.5	43
10	ARE TIDAL EFFECTS RESPONSIBLE FOR EXOPLANETARY SPINâ€“ORBIT ALIGNMENT?. Astrophysical Journal, 2016, 818, 5.	4.5	42
11	TIC 172900988: A Transiting Circumbinary Planet Detected in One Sector of TESS Data. Astronomical Journal, 2021, 162, 234.	4.7	30
12	Orbital Stability of Circumstellar Planets in Binary Systems. Astronomical Journal, 2020, 159, 80.	4.7	29
13	Order in the chaos. Astronomy and Astrophysics, 2021, 650, A189.	5.1	26
14	The Secular Dynamics of TNOs and Planet Nine Interactions. Astronomical Journal, 2018, 156, 263.	4.7	22
15	Obliquity Variations of Habitable Zone Planets Kepler-62f and Kepler-186f. Astronomical Journal, 2018, 155, 237.	4.7	22
16	Mildly Hierarchical Triple Dynamics and Applications to the Outer Solar System. Astronomical Journal, 2021, 161, 48.	4.7	15
17	Mutual Inclination Excitation by Stellar Oblateness. Astrophysical Journal Letters, 2020, 890, L31.	8.3	15
18	Application of Orbital Stability and Tidal Migration Constraints for Exomoon Candidates. Astrophysical Journal Letters, 2020, 902, L20.	8.3	15

#	Article	IF	Citations
19	Chaotic Dynamics of Trans-Neptunian Objects Perturbed by Planet Nine. Astronomical Journal, 2018, 155, 249.	4.7	14
20	Relativistic mean motion resonance. Physical Review D, 2019, 100, .	4.7	14
21	The Origin of Systems of Tightly Packed Inner Planets with Misaligned, Ultra-short-period Companions. Astronomical Journal, 2020, 160, 254.	4.7	14
22	Obliquity Evolution of Circumstellar Planets in Sun-like Stellar Binaries. Astrophysical Journal, 2019, 886, 56.	4.5	9
23	GRIT: A Package for Structure-Preserving Simulations of Gravitationally Interacting Rigid Bodies. Astrophysical Journal, 2021, 919, 50.	4.5	9
24	Inclination Excitation of Solar System Debris Disk Due to Stellar Flybys. Astrophysical Journal, 2020, 901, 92.	4.5	9
25	Gravitational wave heating of stars and accretion discs. Monthly Notices of the Royal Astronomical Society, 2012, 425, 2407-2412.	4.4	8
26	Eclipsing Stellar Binaries in the Galactic Center. Astrophysical Journal, 2017, 851, 131.	4.5	8
27	Tilting Planets during Planet Scattering. Astrophysical Journal Letters, 2021, 915, L2.	8.3	6
28	Exomoons in Systems with a Strong Perturber: Applications to Î± Cen AB. Astronomical Journal, 2021, 162, 58.	4.7	5
29	Could There Be an Undetected Inner Planet Near the Stability Limit in Kepler-1647?. Astronomical Journal, 2019, 158, 8.	4.7	4
30	Multiple Transits during a Single Conjunction: Identifying Transiting Circumbinary Planetary Candidates from TESS. Astronomical Journal, 2020, 160, 174.	4.7	4
31	Effects of flux variation on the surface temperatures of Earth-analog circumbinary planets. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1506-1521.	4.4	3
32	Mutual Inclination of Ultra-short-period Planets with Time-varying Stellar J ₂ Moments. Astrophysical Journal, 2022, 930, 58.	4.5	2
33	Obliquity Variability of Terrestrial Planets in the Habitable Zone. Proceedings of the International Astronomical Union, 2018, 14, 291-292.	0.0	0