

Man Hoi Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8105403/publications.pdf>

Version: 2024-02-01

38
papers

2,378
citations

331670

21
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

1847
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multiple Time Step Symplectic Algorithm for Integrating Close Encounters. <i>Astronomical Journal</i> , 1998, 116, 2067-2077.	4.7	467
2	Dynamics and Origin of the 2 : 1 Orbital Resonances of the GJ 876 Planets. <i>Astrophysical Journal</i> , 2002, 567, 596-609.	4.5	442
3	The Kozai Mechanism and the Evolution of Binary Supermassive Black Holes. <i>Astrophysical Journal</i> , 2002, 578, 775-786.	4.5	260
4	Secular Evolution of Hierarchical Planetary Systems. <i>Astrophysical Journal</i> , 2003, 592, 1201-1216.	4.5	144
5	26Al decay: Heat production and a revised age for Iapetus. <i>Icarus</i> , 2009, 204, 658-662.	2.5	92
6	A Primordial Origin of the Laplace Relation Among the Galilean Satellites. <i>Science</i> , 2002, 298, 593-597.	12.6	90
7	Diversity and Origin of 2 : 1 Orbital Resonances in Extrasolar Planetary Systems. <i>Astrophysical Journal</i> , 2004, 611, 517-527.	4.5	78
8	N-Body Evolution of Dense Clusters of Compact Stars. <i>Astrophysical Journal</i> , 1993, 418, 147.	4.5	65
9	A survey of numerical solutions to the coagulation equation. <i>Journal of Physics A</i> , 2001, 34, 10219-10241.	1.6	63
10	On the 2 : 1 Orbital Resonance in the HD 82943 Planetary System. <i>Astrophysical Journal</i> , 2006, 641, 1178-1187.	4.5	61
11	CHARACTERIZING THE ORBITAL AND DYNAMICAL STATE OF THE HD 82943 PLANETARY SYSTEM WITH KECK RADIAL VELOCITY DATA. <i>Astrophysical Journal</i> , 2013, 777, 101.	4.5	61
12	ARE THE <i>KEPLER</i> NEAR-RESONANCE PLANET PAIRS DUE TO TIDAL DISSIPATION?. <i>Astrophysical Journal</i> , 2013, 774, 52.	4.5	58
13	Complete tidal evolution of Pluto–Charon. <i>Icarus</i> , 2014, 233, 242-258.	2.5	54
14	AN ANALYTIC THEORY FOR THE ORBITS OF CIRCUMBINARY PLANETS. <i>Astrophysical Journal</i> , 2013, 763, 107.	4.5	52
15	A DETAILED ANALYSIS OF THE HD 73526 2:1 RESONANT PLANETARY SYSTEM. <i>Astrophysical Journal</i> , 2014, 780, 140.	4.5	48
16	Precise radial velocities of giant stars. <i>Astronomy and Astrophysics</i> , 2014, 568, A64.	5.1	37
17	TILTING SATURN WITHOUT TILTING JUPITER: CONSTRAINTS ON GIANT PLANET MIGRATION. <i>Astronomical Journal</i> , 2015, 150, 157.	4.7	34
18	Gravitational lensing by smooth inhomogeneities in the Universe. <i>Monthly Notices of the Royal Astronomical Society</i> , 1991, 250, 407-413.	4.4	29

#	ARTICLE	IF	CITATIONS
19	PLANETARY MIGRATION AND ECCENTRICITY AND INCLINATION RESONANCES IN EXTRASOLAR PLANETARY SYSTEMS. <i>Astrophysical Journal</i> , 2009, 702, 1662-1672.	4.5	27
20	MAGNETIC COUPLING IN THE DISKS AROUND YOUNG GAS GIANT PLANETS. <i>Astrophysical Journal</i> , 2014, 783, 14.	4.5	25
21	Evolution of the obliquities of the giant planets in encounters during migration. <i>Icarus</i> , 2007, 190, 103-109.	2.5	24
22	On the origin of Pluto's small satellites by resonant transport. <i>Icarus</i> , 2014, 241, 180-189.	2.5	22
23	Two Jovian Planets around the Giant Star HD 202696: A Growing Population of Packed Massive Planetary Pairs around Massive Stars?. <i>Astronomical Journal</i> , 2019, 157, 93.	4.7	20
24	Precise radial velocities of giant stars. <i>Astronomy and Astrophysics</i> , 2016, 595, A55.	5.1	18
25	Adiabatic growth of a black hole in a rotating stellar system. <i>Astrophysical Journal</i> , 1989, 343, 594.	4.5	18
26	On the Early In Situ Formation of Pluto's Small Satellites. <i>Astronomical Journal</i> , 2018, 155, 175.	4.7	14
27	Breakthrough revisited: investigating the requirements for growth of dust beyond the bouncing barrier. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 167-180.	4.4	13
28	Precise radial velocities of giant stars. <i>Astronomy and Astrophysics</i> , 2019, 624, A18.	5.1	13
29	A Pair of Warm Giant Planets near the 2:1 Mean Motion Resonance around the K-dwarf Star TOI-2202*. <i>Astronomical Journal</i> , 2021, 162, 283.	4.7	13
30	Statistics of Gravitational Microlensing Magnification. II. Three-dimensional Lens Distribution. <i>Astrophysical Journal</i> , 1997, 489, 522-542.	4.5	12
31	Dynamical Analysis of the Circumprimary Planet in the Eccentric Binary System HD 59686. <i>Astronomical Journal</i> , 2018, 155, 174.	4.7	9
32	A Numerical Method for Determining the Elements of Circumbinary Orbits and Its Application to Circumbinary Planets and the Satellites of Pluto-Charon. <i>Astronomical Journal</i> , 2020, 159, 277.	4.7	8
33	Precise radial velocities of giant stars. <i>Astronomy and Astrophysics</i> , 2021, 647, A160.	5.1	3
34	New HARPS and FEROS Observations of GJ 1046. <i>Research Notes of the AAS</i> , 2018, 2, 180.	0.7	2
35	Thermal emission from BOK globules. <i>Astrophysical Journal</i> , 1987, 317, 197.	4.5	1
36	A Parameter for Quantifying the Macroscale Asymmetry of Tropical Cyclone Cloud Clusters. <i>Journal of Atmospheric and Oceanic Technology</i> , 2020, 37, 1603-1622.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Evidence for Solid Planets from Kepler's Near-Resonance Systems. Proceedings of the International Astronomical Union, 2012, 8, 100-105.	0.0	0
38	Dynamical Architecture of the HD 107148 Planetary System. Astronomical Journal, 2022, 163, 198.	4.7	0