Hsing-Wen Lin

List of Publications by Year
in descending order

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46 papers	3,022 citations	430874 18 h-index	233421 45 g-index
46 all docs	46 docs citations	46 times ranked	3028 citing authors

#	Article	IF	Citations
1	Orbits and Occultation Opportunities of 15 TNOs Observed by New Horizons. Planetary Science Journal, 2022, 3, 23.	3.6	3
2	Long-term Stability of Six Neptunian Trojans. Research Notes of the AAS, 2022, 6, 79.	0.7	1
3	A Collision Mechanism for the Removal of Earth's Trojan Asteroids. Planetary Science Journal, 2022, 3, 121.	3.6	2
4	No Evidence for Orbital Clustering in the Extreme Trans-Neptunian Objects. Planetary Science Journal, 2021, 2, 59.	3.6	29
5	OSSOS: The eccentricity and inclination distributions of the stable neptunian Trojans. Icarus, 2021, 361, 114391.	2.5	9
6	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2020, 247, 32.	7.7	27
7	Detection of Diatomic Carbon in 2I/Borisov. Astrophysical Journal Letters, 2020, 889, L30.	8.3	22
8	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. Astronomical Journal, 2020, 159, 133.	4.7	19
9	Infrared Observations of 2I/Borisov near Perihelion. Astronomical Journal, 2020, 160, 132.	4.7	2
10	Asteroid Discovery and Light Curve Extraction Using the Hough Transform: A Rotation Period Study for Subkilometer Main-belt Asteroids. Astronomical Journal, 2020, 159, 25.	4.7	6
11	The Zwicky Transient Facility: Science Objectives. Publications of the Astronomical Society of the Pacific, 2019, 131, 078001.	3.1	453
12	OSSOS. XVIII. Constraining Migration Models with the 2:1 Resonance Using the Outer Solar System Origins Survey. Astronomical Journal, 2019, 158, 214.	4.7	10
13	Reprint of "Evidence for color dichotomy in the primordial Neptunian Trojan population". Icarus, 2019, 334, 79-88.	2.5	1
14	Toward Efficient Detection of Small Near-Earth Asteroids Using the Zwicky Transient Facility (ZTF). Publications of the Astronomical Society of the Pacific, 2019, 131, 078002.	3.1	14
15	Machine Learning for the Zwicky Transient Facility. Publications of the Astronomical Society of the Pacific, 2019, 131, 038002.	3.1	83
16	Searching for Super-fast Rotators Using the Pan-STARRS 1. Astrophysical Journal, Supplement Series, 2019, 241, 6.	7.7	12
17	The Zwicky Transient Facility: Data Processing, Products, and Archive. Publications of the Astronomical Society of the Pacific, 2019, 131, 018003.	3.1	610
18	The Zwicky Transient Facility: System Overview, Performance, and First Results. Publications of the Astronomical Society of the Pacific, 2019, 131, 018002.	3.1	1,020

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19	Evidence for color dichotomy in the primordial Neptunian Trojan population. Icarus, 2019, 321, 426-435.	2.5	17
20	FLAMINGOS-2 Infrared Photometry of 2I/Borisov. Research Notes of the AAS, 2019, 3, 184.	0.7	3
21	A Dwarf Planet Class Object in the 21:5 Resonance with Neptune. Astrophysical Journal Letters, 2018, 855, L6.	8.3	17
22	Machine-learning-based realâ€“bogus system for the HSC-SSP moving object detection pipeline. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	17
23	Photometric survey and taxonomic identifications of 92 near-Earth asteroids. Planetary and Space Science, 2018, 152, 116-135.	1.7	18
24	Searching for moving objects in HSC-SSP: Pipeline and preliminary results. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	14
25	Dynamical Analysis of Three Distant Trans-Neptunian Objects with Similar Orbits. Astronomical Journal, 2018, 156, 273.	4.7	11
26	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. Astronomical Journal, 2018, 156, 81.	4.7	42
27	OSSOS. IX. Two Objects in Neptune's 9:1 Resonanceâ€”Implications for Resonance Sticking in the Scattering Population. Astronomical Journal, 2018, 155, 260.	4.7	29
28	OSSOS. VII. 800+ Trans-Neptunian Objectsâ€”The Complete Data Release. Astrophysical Journal, Supplement Series, 2018, 236, 18.	7.7	108
29	Confirmation of Large Super-fast Rotator (144977) 2005 EC₁₂₇. Astrophysical Journal Letters, 2017, 840, L22.	8.3	11
30	Asteroid spin-rate studies using large sky-field surveys. Geoscience Letters, 2017, 4, .	3.3	4
31	A QUICK TEST ON ROTATION PERIOD CLUSTERING FOR THE SMALL MEMBERS OF THE KORONIS FAMILY. Astrophysical Journal, 2016, 816, 71.	4.5	5
32	Be STARS IN THE OPEN CLUSTER NGC 6830. Astronomical Journal, 2016, 151, 121.	4.7	4
33	OSSOS. IV. DISCOVERY OF A DWARF PLANET CANDIDATE IN THE 9:2 RESONANCE WITH NEPTUNE. Astronomical Journal, 2016, 152, 212.	4.7	17
34	LARGE SUPER-FAST ROTATOR HUNTING USING THE INTERMEDIATE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, Supplement Series, 2016, 227, 20.	7.7	12
35	THE OUTER SOLAR SYSTEM ORIGINS SURVEY. I. DESIGN AND FIRST-QUARTER DISCOVERIES. Astronomical Journal, 2016, 152, 70.	4.7	105
36	DISCOVERY OF A NEW RETROGRADE TRANS-NEPTUNIAN OBJECT: HINT OF A COMMON ORBITAL PLANE FOR LOW SEMIMAJOR AXIS, HIGH-INCLINATION TNOs AND CENTAURS. Astrophysical Journal Letters, 2016, 827, L24.	8.3	70

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37	THE PAN-STARRS 1 DISCOVERIES OF FIVE NEW NEPTUNE TROJANS. Astronomical Journal, 2016, 152, 147.	4.7	11
38	OSSOS IIIâ€"RESONANT TRANS-NEPTUNIAN POPULATIONS: CONSTRAINTS FROM THE FIRST QUARTER OF THE OUTER SOLAR SYSTEM ORIGINS SURVEY. Astronomical Journal, 2016, 152, 23.	4.7	52
39	A search for subkilometer-sized ordinary chondrite like asteroids in the main-belt. Icarus, 2015, 254, 202-212.	2.5	9
40	ASTEROID SPIN-RATE STUDY USING THE INTERMEDIATE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, Supplement Series, 2015, 219, 27.	7.7	33
41	PAN-STARRS 1 OBSERVATIONS OF THE UNUSUAL ACTIVE CENTAUR P/2011 S1(GIBBS). Astronomical Journal, 2014, 147, 114.	4.7	9
42	313 NEW ASTEROID ROTATION PERIODS FROM PALOMAR TRANSIENT FACTORY OBSERVATIONS. Astrophysical Journal, 2014, 788, 17.	4.5	19
43	A NEW LARGE SUPER-FAST ROTATOR: (335433) 2005 UW163. Astrophysical Journal Letters, 2014, 791, L35.	8.3	19
44	The Pan-STARRS data server and integrated data query tool. , 2013, , .		0
45	Improved Asteroid Astrometry and Photometry with Trail Fitting. Publications of the Astronomical Society of the Pacific, 2012, 124, 1197-1207.	3.1	41
46	Discovery of Variable Stars in the Field of the Galactic Open Cluster NGC 7039. Publications of the Astronomical Society of the Pacific, 2011, 123, 671-681.	3.1	2