

Hsing-Wen Lin

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,022
citations

430874

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233421

45
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46
all docs

46
docs citations

46
times ranked

3028
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The Zwicky Transient Facility: Data Processing, Products, and Archive. Publications of the Astronomical Society of the Pacific, 2019, 131, 018003.	3.1	610
3	The Zwicky Transient Facility: Science Objectives. Publications of the Astronomical Society of the Pacific, 2019, 131, 078001.	3.1	453
4	OSSOS. VII. 800+ Trans-Neptunian Objectsâ€”The Complete Data Release. Astrophysical Journal, Supplement Series, 2018, 236, 18.	7.7	108
5	THE OUTER SOLAR SYSTEM ORIGINS SURVEY. I. DESIGN AND FIRST-QUARTER DISCOVERIES. Astronomical Journal, 2016, 152, 70.	4.7	105
6	Machine Learning for the Zwicky Transient Facility. Publications of the Astronomical Society of the Pacific, 2019, 131, 038002.	3.1	83
7	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
8	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
9	Discovery and Dynamical Analysis of an Extreme Trans-Neptunian Object with a High Orbital Inclination. Astronomical Journal, 2018, 156, 81.	4.7	42
10	Improved Asteroid Astrometry and Photometry with Trail Fitting. Publications of the Astronomical Society of the Pacific, 2012, 124, 1197-1207.	3.1	41
11	ASTEROID SPIN-RATE STUDY USING THE INTERMEDIATE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, Supplement Series, 2015, 219, 27.	7.7	33
12	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
13	No Evidence for Orbital Clustering in the Extreme Trans-Neptunian Objects. Planetary Science Journal, 2021, 2, 59.	3.6	29
14	Trans-Neptunian Objects Found in the First Four Years of the Dark Energy Survey. Astrophysical Journal, Supplement Series, 2020, 247, 32.	7.7	27
15	Detection of Diatomic Carbon in 2/Borisov. Astrophysical Journal Letters, 2020, 889, L30.	8.3	22
16	313 NEW ASTEROID ROTATION PERIODS FROM PALOMAR TRANSIENT FACTORY OBSERVATIONS. Astrophysical Journal, 2014, 788, 17.	4.5	19
17	A NEW LARGE SUPER-FAST ROTATOR: (335433) 2005 UW163. Astrophysical Journal Letters, 2014, 791, L35.	8.3	19
18	Dynamical Classification of Trans-Neptunian Objects Detected by the Dark Energy Survey. Astronomical Journal, 2020, 159, 133.	4.7	19

#	ARTICLE	IF	CITATIONS
19	Photometric survey and taxonomic identifications of 92 near-Earth asteroids. Planetary and Space Science, 2018, 152, 116-135.	1.7	18
20	OSSOS. IV. DISCOVERY OF A DWARF PLANET CANDIDATE IN THE 9:2 RESONANCE WITH NEPTUNE. Astronomical Journal, 2016, 152, 212.	4.7	17
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 real-time "bogus" system for the HSC-SSP moving object detection pipeline. Publication of the Astronomical Society of Japan, 2018, 70, .	2.5	17
23	Evidence for color dichotomy in the primordial Neptunian Trojan population. Icarus, 2019, 321, 426-435.	2.5	17
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	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
26	LARGE SUPER-FAST ROTATOR HUNTING USING THE INTERMEDIATE PALOMAR TRANSIENT FACTORY. Astrophysical Journal, Supplement Series, 2016, 227, 20.	7.7	12
27	Searching for Super-fast Rotators Using the Pan-STARRS 1. Astrophysical Journal, Supplement Series, 2019, 241, 6.	7.7	12
28	THE PAN-STARRS 1 DISCOVERIES OF FIVE NEW NEPTUNE TROJANS. Astronomical Journal, 2016, 152, 147.	4.7	11
29	Confirmation of Large Super-fast Rotator (144977) 2005 EC ₁₂₇ . Astrophysical Journal Letters, 2017, 840, L22.	8.3	11
30	Dynamical Analysis of Three Distant Trans-Neptunian Objects with Similar Orbits. Astronomical Journal, 2018, 156, 273.	4.7	11
31	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
32	PAN-STARRS 1 OBSERVATIONS OF THE UNUSUAL ACTIVE CENTAUR P/2011 S1 (GIBBS). Astronomical Journal, 2014, 147, 114.	4.7	9
33	A search for subkilometer-sized ordinary chondrite like asteroids in the main-belt. Icarus, 2015, 254, 202-212.	2.5	9
34	OSSOS: The eccentricity and inclination distributions of the stable neptunian Trojans. Icarus, 2021, 361, 114391.	2.5	9
35	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
36	A QUICK TEST ON ROTATION PERIOD CLUSTERING FOR THE SMALL MEMBERS OF THE KORONIS FAMILY. Astrophysical Journal, 2016, 816, 71.	4.5	5

#	ARTICLE	IF	CITATIONS
37	Be STARS IN THE OPEN CLUSTER NGC 6830. <i>Astronomical Journal</i> , 2016, 151, 121.	4.7	4
38	Asteroid spin-rate studies using large sky-field surveys. <i>Geoscience Letters</i> , 2017, 4, .	3.3	4
39	FLAMINGOS-2 Infrared Photometry of 21/Borisov. <i>Research Notes of the AAS</i> , 2019, 3, 184.	0.7	3
40	Orbits and Occultation Opportunities of 15 TNOs Observed by New Horizons. <i>Planetary Science Journal</i> , 2022, 3, 23.	3.6	3
41	Discovery of Variable Stars in the Field of the Galactic Open Cluster NGC 7039. <i>Publications of the Astronomical Society of the Pacific</i> , 2011, 123, 671-681.	3.1	2
42	Infrared Observations of 21/Borisov near Perihelion. <i>Astronomical Journal</i> , 2020, 160, 132.	4.7	2
43	A Collision Mechanism for the Removal of Earth's Trojan Asteroids. <i>Planetary Science Journal</i> , 2022, 3, 121.	3.6	2
44	Reprint of "Evidence for color dichotomy in the primordial Neptunian Trojan population". <i>Icarus</i> , 2019, 334, 79-88.	2.5	1
45	Long-term Stability of Six Neptunian Trojans. <i>Research Notes of the AAS</i> , 2022, 6, 79.	0.7	1
46	The Pan-STARRS data server and integrated data query tool. , 2013, , .		0