

Henry H Hsieh

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,805
citations

279798

23
h-index

265206

42
g-index

49
all docs

49
docs citations

49
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	A Population of Comets in the Main Asteroid Belt. <i>Science</i> , 2006, 312, 561-563.	12.6	401
2	The Strange Case of 133P/Elst-Pizarro: A Comet among the Asteroids. <i>Astronomical Journal</i> , 2004, 127, 2997-3017.	4.7	169
3	The return of activity in main-belt comet 133P/Elst-Pizarro. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 363-377.	4.4	80
4	ALBEDOS OF MAIN-BELT COMETS 133P/ELST-PIZARRO AND 176P/LINEAR. <i>Astrophysical Journal</i> , 2009, 694, L111-L114.	4.5	71
5	PHYSICAL PROPERTIES OF MAIN-BELT COMET P/2005 U1 (READ). <i>Astronomical Journal</i> , 2009, 137, 157-168.	4.7	62
6	Search for Activity in 3200 Phaethon. <i>Astrophysical Journal</i> , 2005, 624, 1093-1096.	4.5	60
7	The Main Belt Comets and ice in the Solar System. <i>Astronomy and Astrophysics Review</i> , 2017, 25, 1.	25.5	60
8	MAIN-BELT COMET 238P/READ REVISITED. <i>Astrophysical Journal Letters</i> , 2011, 736, L18.	8.3	55
9	Rotation of cometary nuclei: new light curves and an update of the ensemble properties of Jupiter-family comets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 2974-3007.	4.4	53
10	OPTICAL AND DYNAMICAL CHARACTERIZATION OF COMET-LIKE MAIN-BELT ASTEROID (596) SCHEILA. <i>Astrophysical Journal</i> , 2012, 744, 9.	4.5	52
11	DISCOVERY OF MAIN-BELT COMET P/2006 VW ₁₃₉ BY Pan-STARRS1. <i>Astrophysical Journal Letters</i> , 2012, 748, L15.	8.3	49
12	Olivine-dominated A-type asteroids in the main belt: Distribution, abundance and relation to families. <i>Icarus</i> , 2019, 322, 13-30.	2.5	49
13	The main-belt comets: The Pan-STARRS1 perspective. <i>Icarus</i> , 2015, 248, 289-312.	2.5	48
14	OBSERVATIONAL AND DYNAMICAL CHARACTERIZATION OF MAIN-BELT COMET P/2010 R2 (La Sagra). <i>Astronomical Journal</i> , 2012, 143, 104.	4.7	46
15	OBSERVATIONAL EVIDENCE FOR AN IMPACT ON THE MAIN-BELT ASTEROID (596) SCHEILA. <i>Astrophysical Journal Letters</i> , 2011, 740, L11.	8.3	45
16	INTERPRETATION OF (596) SCHEILA'S TRIPLE DUST TAILS. <i>Astrophysical Journal Letters</i> , 2011, 741, L24.	8.3	43
17	PHYSICAL PROPERTIES OF MAIN-BELT COMET 176P/LINEAR. <i>Astronomical Journal</i> , 2011, 142, 29.	4.7	38
18	P/2006 VW139: a main-belt comet born in an asteroid collision?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1432-1441.	4.4	38

#	ARTICLE	IF	CITATIONS
19	Potential Jupiter-Family comet contamination of the main asteroid belt. <i>Icarus</i> , 2016, 277, 19-38.	2.5	37
20	The Sporadic Activity of (6478) Gault: A YORP-driven Event?. <i>Astrophysical Journal Letters</i> , 2019, 874, L20.	8.3	33
21	Asteroid Family Associations of Active Asteroids. <i>Astronomical Journal</i> , 2018, 155, 96.	4.7	32
22	MAIN-BELT COMET P/2012 T1 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2013, 771, L1.	8.3	31
23	SUBLIMATION-DRIVEN ACTIVITY IN MAIN-BELT COMET 313P/GIBBS. <i>Astrophysical Journal Letters</i> , 2015, 800, L16.	8.3	30
24	Discovery of a young asteroid cluster associated with P/2012 F5 (Gibbs). <i>Icarus</i> , 2014, 231, 300-309.	2.5	24
25	The nucleus of main-belt Comet P/2010 R2 (La Sagra). <i>Icarus</i> , 2014, 243, 16-26.	2.5	20
26	THE NUCLEUS OF MAIN-BELT COMET 259P/GARRADD. <i>Astrophysical Journal Letters</i> , 2012, 758, L3.	8.3	15
27	Potential Themis-family Asteroid Contribution to the Jupiter-family Comet Population. <i>Astronomical Journal</i> , 2020, 159, 179.	4.7	15
28	Recurrent Activity from Active Asteroid (248370) 2005 QN ₁₇₃ : A Main-belt Comet. <i>Astrophysical Journal Letters</i> , 2021, 922, L8.	8.3	15
29	The 2016 Reactivations of the Main-belt Comets 238P/Read and 288P/(300163) 2006 VW ₁₃₉ *. <i>Astronomical Journal</i> , 2018, 156, 223.	4.7	14
30	The transient Jupiter Trojan-like orbit of P/2019 LD2 (ATLAS). <i>Icarus</i> , 2021, 354, 114019.	2.5	14
31	Ice Loss From the Interior of Small Airless Bodies According to an Idealized Model. <i>Journal of Geophysical Research E: Planets</i> , 2018, 123, 2322-2335.	3.6	13
32	Asteroid-comet continuum objects in the solar system. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160259.	3.4	12
33	Physical Characterization of Main-belt Comet (248370) 2005 QN ₁₇₃ . <i>Astrophysical Journal Letters</i> , 2021, 922, L9.	8.3	12
34	SEARCH FOR THE RETURN OF ACTIVITY IN ACTIVE ASTEROID 176P/LINEAR. <i>Astronomical Journal</i> , 2014, 147, 89.	4.7	11
35	The proposed Caroline ESA M3 mission to a Main Belt Comet. <i>Advances in Space Research</i> , 2018, 62, 1921-1946.	2.6	9
36	The Reactivation and Nucleus Characterization of Main-belt Comet 358P/PANSTARRS (P/2012 T1). <i>Astronomical Journal</i> , 2018, 156, 39.	4.7	7

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37	No Activity among 13 Centaurs Discovered in the Pan-STARRS1 Detection Database. <i>Planetary Science Journal</i> , 2021, 2, 155.	3.6	6
38	A Software Roadmap for Solar System Science with the Large Synoptic Survey Telescope. <i>Research Notes of the AAS</i> , 2019, 3, 51.	0.7	6
39	Preservation of polar ice on near-Earth asteroids originating in the outer main belt: A model study with dynamical trajectories. <i>Icarus</i> , 2020, 348, 113865.	2.5	5
40	Orbital Alignment of Main-belt Comets. <i>Astronomical Journal</i> , 2018, 155, 142.	4.7	4
41	Comet 66P/du Toit: not a near-Earth main belt comet. <i>Astronomy and Astrophysics</i> , 2019, 631, A168.	5.1	4
42	Active asteroids: mystery in the Main Belt. <i>Proceedings of the International Astronomical Union</i> , 2005, 1, 425-437.	0.0	3
43	Main-Belt Comets as Tracers of Ice in the Inner Solar System. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 212-218.	0.0	3
44	Disk-integrated Thermal Properties of Ceres Measured at Millimeter Wavelengths. <i>Astronomical Journal</i> , 2020, 159, 215.	4.7	3
45	The Reactivation of Main-belt Comet 259P/Garradd (P/2008 R1). <i>Planetary Science Journal</i> , 2021, 2, 62.	3.6	3
46	The case for a Themis asteroid family spacecraft mission. <i>Planetary and Space Science</i> , 2022, 212, 105413.	1.7	3
47	Year 1 of the Legacy Survey of Space and Time (LSST): Recommendations for Template Production to Enable Solar System Small Body Transient and Time Domain Science. <i>Research Notes of the AAS</i> , 2021, 5, 143.	0.7	2
48	Search for Dust Emission from (24) Themis Using the Gemini-North Observatory. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 084402.	3.1	0