

Bin Yang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

856
citations

471509

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24
times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopy and thermal modelling of the first interstellar object 1I/2017 U1 "Oumuamua. <i>Nature Astronomy</i> , 2018, 2, 133-137.	10.1	113
2	MAIN-BELT COMET P/2008 R1 (GARRADD). <i>Astronomical Journal</i> , 2009, 137, 4313-4321.	4.7	77
3	The Main Belt Comets and ice in the Solar System. <i>Astronomy and Astrophysics Review</i> , 2017, 25, 1.	25.5	60
4	Detection of CN Gas in Interstellar Object 2I/Borisov. <i>Astrophysical Journal Letters</i> , 2019, 885, L9.	8.3	60
5	COMET 17P/HOLMES IN OUTBURST: THE NEAR INFRARED SPECTRUM. <i>Astronomical Journal</i> , 2009, 137, 4538-4546.	4.7	58
6	2I/Borisov: A C ₂ -depleted interstellar comet. <i>Astronomy and Astrophysics</i> , 2019, 631, L8.	5.1	56
7	OPTICAL AND DYNAMICAL CHARACTERIZATION OF COMET-LIKE MAIN-BELT ASTEROID (596) SCHEILA. <i>Astrophysical Journal</i> , 2012, 744, 9.	4.5	52
8	DISCOVERY OF MAIN-BELT COMET P/2006 VW ₁₃₉ BY Pan-STARRS1. <i>Astrophysical Journal Letters</i> , 2012, 748, L15.	8.3	49
9	OBSERVATIONAL AND DYNAMICAL CHARACTERIZATION OF MAIN-BELT COMET P/2010 R2 (La Sagra). <i>Astronomical Journal</i> , 2012, 143, 104.	4.7	46
10	Inner solar system material discovered in the Oort cloud. <i>Science Advances</i> , 2016, 2, e1600038.	10.3	45
11	UNCORRELATED VOLATILE BEHAVIOR DURING THE 2011 APPARITION OF COMET C/2009 P1 GARRADD. <i>Astronomical Journal</i> , 2014, 147, 24.	4.7	43
12	MAIN-BELT COMET P/2012 T1 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2013, 771, L1.	8.3	31
13	MULTI-WAVELENGTH OBSERVATIONS OF COMET C/2011 L4 (PAN-STARRS). <i>Astrophysical Journal Letters</i> , 2014, 784, L23.	8.3	26
14	Distant activity of 67P/Churyumov-Gerasimenko in 2014: Ground-based results during the Rosetta pre-landing phase. <i>Astronomy and Astrophysics</i> , 2016, 588, A80.	5.1	26
15	NEAR-INFRARED OBSERVATIONS OF COMET-LIKE ASTEROID (596) SCHEILA. <i>Astrophysical Journal Letters</i> , 2011, 737, L39.	8.3	22
16	Icy Grains from the Nucleus of Comet C/2013 US ₁₀ (Catalina). <i>Astrophysical Journal Letters</i> , 2018, 862, L16.	8.3	20
17	Discovery of Carbon Monoxide in Distant Comet C/2017 K2 (PANSTARRS). <i>Astrophysical Journal Letters</i> , 2021, 914, L17.	8.3	18
18	Compact pebbles and the evolution of volatiles in the interstellar comet 2I/Borisov. <i>Nature Astronomy</i> , 2021, 5, 586-593.	10.1	17

#	ARTICLE	IF	CITATIONS
19	Searching for water ice in the coma of interstellar object 2I/Borisov. <i>Astronomy and Astrophysics</i> , 2020, 634, L6.	5.1	11
20	Nondetection of Water-ice Grains in the Coma of Comet 46P/Wirtanen and Implications for Hyperactivity. <i>Planetary Science Journal</i> , 2021, 2, 176.	3.6	8
21	The Appearance of a “Fresh” Surface on 596 Scheila as a Consequence of the 2010 Impact Event. <i>Astrophysical Journal Letters</i> , 2022, 924, L9.	8.3	7
22	Physical and dynamical characterization of the Euphrosyne asteroid family. <i>Astronomy and Astrophysics</i> , 2020, 643, A38.	5.1	6
23	Comet 66P/du Toit: not a near-Earth main belt comet. <i>Astronomy and Astrophysics</i> , 2019, 631, A168.	5.1	4