

Francesca E Demeo

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,610
citations

430874

18
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1380
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	The Debiased Compositional Distribution of MITHNEOS: Global Match between the Near-Earth and Main-belt Asteroid Populations, and Excess of D-type Near-Earth Objects. <i>Astronomical Journal</i> , 2022, 163, 165.	4.7	13
3	Connecting asteroids and meteorites with visible and near-infrared spectroscopy. <i>Icarus</i> , 2022, 380, 114971.	2.5	25
4	Discovery of Two TNO-like Bodies in the Asteroid Belt. <i>Astrophysical Journal Letters</i> , 2021, 916, L6.	8.3	19
5	Predicting Asteroid Types: Importance of Individual and Combined Features. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	6
6	Twenty Years of SpeX: Accuracy Limits of Spectral Slope Measurements in Asteroid Spectroscopy. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 73.	7.7	32
7	Active Asteroid (6478) Gault: A Blue Q-type Surface below the Dust?. <i>Astrophysical Journal Letters</i> , 2019, 882, L2.	8.3	14
8	Visible Spectroscopy from the Mission Accessible Near-Earth Object Survey (MANOS): Taxonomic Dependence on Asteroid Size. <i>Astronomical Journal</i> , 2019, 158, 196.	4.7	32
9	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
10	How Many Hydrated NEOs Are There?. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 128-142.	3.6	19
11	Resurfacing asteroids from YORP spin-up and failure. <i>Icarus</i> , 2018, 304, 162-171.	2.5	22
12	Near-infrared thermal emission from near-Earth asteroids: Aspect-dependent variability. <i>Icarus</i> , 2017, 284, 97-105.	2.5	9
13	The compositional diversity of non-Vesta basaltic asteroids. <i>Icarus</i> , 2017, 295, 61-73.	2.5	18
14	Mars encounters cause fresh surfaces on some near-Earth asteroids. <i>Icarus</i> , 2014, 227, 112-122.	2.5	40
15	Unexpected D-type interlopers in the inner main belt. <i>Icarus</i> , 2014, 229, 392-399.	2.5	44
16	Observations of "fresh" and weathered surfaces on asteroid pairs and their implications on the rotational-fission mechanism. <i>Icarus</i> , 2014, 233, 9-26.	2.5	38
17	Asteroid (101955) 1999 RQ36: Spectroscopy from 0.4 to 2.4 μ m and meteorite analogs. <i>Icarus</i> , 2011, 216, 462-475.	2.5	156
18	Earth encounters as the origin of fresh surfaces on near-Earth asteroids. <i>Nature</i> , 2010, 463, 331-334.	27.8	143

#	ARTICLE	IF	CITATIONS
19	Spectroscopy of B&C-type asteroids: Subgroups and meteorite analogs. Journal of Geophysical Research, 2010, 115, .	3.3	77
20	An extension of the Bus asteroid taxonomy into the near-infrared. Icarus, 2009, 202, 160-180.	2.5	670
21	Spectral properties and composition of potentially hazardous Asteroid (99942) Apophis. Icarus, 2009, 200, 480-485.	2.5	64
22	Comets in the near-Earth object population. Icarus, 2008, 194, 436-449.	2.5	75
23	Composition of the L5 Mars Trojans: Neighbors, not siblings. Icarus, 2007, 192, 434-441.	2.5	38