

Francesca E Demeo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6413820/publications.pdf>

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 | An extension of the Bus asteroid taxonomy into the near-infrared. <i>Icarus</i> , 2009, 202, 160-180. | 2.5 | 670 |
| 2 | 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 |
| 3 | Earth encounters as the origin of fresh surfaces on near-Earth asteroids. <i>Nature</i> , 2010, 463, 331-334. | 27.8 | 143 |
| 4 | Spectroscopy of B α -type asteroids: Subgroups and meteorite analogs. <i>Journal of Geophysical Research</i> , 2010, 115, . | 3.3 | 77 |
| 5 | Comets in the near-Earth object population. <i>Icarus</i> , 2008, 194, 436-449. | 2.5 | 75 |
| 6 | Spectral properties and composition of potentially hazardous Asteroid (99942) Apophis. <i>Icarus</i> , 2009, 200, 480-485. | 2.5 | 64 |
| 7 | 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 |
| 8 | Unexpected D-type interlopers in the inner main belt. <i>Icarus</i> , 2014, 229, 392-399. | 2.5 | 44 |
| 9 | Mars encounters cause fresh surfaces on some near-Earth asteroids. <i>Icarus</i> , 2014, 227, 112-122. | 2.5 | 40 |
| 10 | Composition of the L5 Mars Trojans: Neighbors, not siblings. <i>Icarus</i> , 2007, 192, 434-441. | 2.5 | 38 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Connecting asteroids and meteorites with visible and near-infrared spectroscopy. <i>Icarus</i> , 2022, 380, 114971. | 2.5 | 25 |
| 15 | Resurfacing asteroids from YORP spin-up and failure. <i>Icarus</i> , 2018, 304, 162-171. | 2.5 | 22 |
| 16 | How Many Hydrated NEOs Are There?. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 128-142. | 3.6 | 19 |
| 17 | Discovery of Two TNO-like Bodies in the Asteroid Belt. <i>Astrophysical Journal Letters</i> , 2021, 916, L6. | 8.3 | 19 |
| 18 | The compositional diversity of non-Vesta basaltic asteroids. <i>Icarus</i> , 2017, 295, 61-73. | 2.5 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Active Asteroid (6478) Gault: A Blue Q-type Surface below the Dust?. <i>Astrophysical Journal Letters</i> , 2019, 882, L2. | 8.3 | 14 |
| 20 | 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 |
| 21 | Near-infrared thermal emission from near-Earth asteroids: Aspect-dependent variability. <i>Icarus</i> , 2017, 284, 97-105. | 2.5 | 9 |
| 22 | 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 |
| 23 | Predicting Asteroid Types: Importance of Individual and Combined Features. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, . | 2.8 | 6 |