

Elisabetta Dotto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6862238/publications.pdf>

Version: 2024-02-01

20
papers

526
citations

840776

11
h-index

888059

17
g-index

31
all docs

31
docs citations

31
times ranked

559
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical alteration of complex organics induced by ion irradiation:1. Laboratory experiments suggest unusual space weathering trend. <i>Icarus</i> , 2004, 170, 214-228.	2.5	149
2	The Double Asteroid Redirection Test (DART): Planetary Defense Investigations and Requirements. <i>Planetary Science Journal</i> , 2021, 2, 173.	3.6	110
3	TNOs are Cool: A Survey of the Transneptunian Region. <i>Earth, Moon and Planets</i> , 2009, 105, 209-219.	0.6	55
4	A Visible Spectroscopic Survey of the Flora Clan. <i>Icarus</i> , 1998, 133, 233-246.	2.5	38
5	DART mission determination of momentum transfer: Model of ejecta plume observations. <i>Icarus</i> , 2020, 352, 113989.	2.5	34
6	UV to far-IR reflectance spectra of carbonaceous chondrites – I. Implications for remote characterization of dark primitive asteroids targeted by sample-return missions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 227-240.	4.4	26
7	Predictions for the Dynamical States of the Didymos System before and after the Planned DART Impact. <i>Planetary Science Journal</i> , 2022, 3, 157.	3.6	23
8	Dynamical Evolution of Ejecta from the DART Impact on Dimorphos. <i>Planetary Science Journal</i> , 2022, 3, 118.	3.6	17
9	Surface composition of TNOs and Centaurs: visible and near-infrared spectroscopy. <i>Comptes Rendus Physique</i> , 2003, 4, 775-782.	0.9	13
10	Model of Double Asteroid Redirection Test Impact Ejecta Plume Observations. <i>Planetary Science Journal</i> , 2022, 3, 131.	3.6	13
11	Double Asteroid Redirection Test (DART): Structural and Dynamic Interactions between Asteroidal Elements of Binary Asteroid (65803) Didymos. <i>Planetary Science Journal</i> , 2022, 3, 140.	3.6	12
12	832 Karin: Absence of rotational spectral variations. <i>Icarus</i> , 2007, 191, 330-336.	2.5	11
13	Results from the Eso Large Program on Transneptunian Objects and Centaurs. <i>Earth, Moon and Planets</i> , 2003, 92, 145-156.	0.6	7
14	Expected Investigation of the (65803) Didymos–Dimorphos System Using the RGB Spectrophotometry Data Set from the LICIACube Unit Key Explorer (LUKE) Wide-angle Camera. <i>Planetary Science Journal</i> , 2022, 3, 161.	3.6	7
15	Temperature dependent mid-infrared (5–25 μm) reflectance spectroscopy of carbonaceous meteorites and minerals: Implication for remote sensing in Solar System exploration. <i>Icarus</i> , 2021, 354, 114040.	2.5	4
16	The Campo Imperatore Near Earth Object Survey (CINEOS). <i>Earth, Moon and Planets</i> , 2007, 100, 259-271.	0.6	3
17	Surface compositions of NEOs. <i>Comptes Rendus Physique</i> , 2005, 6, 303-312.	0.9	2
18	Physical studies of KuiperBelt objects: an ESO VLT large program. , 2003, , .		0

#	ARTICLE	IF	CITATIONS
19	Rosetta Asteroid Candidates. <i>Highlights of Astronomy</i> , 2005, 13, 726-728.	0.0	0
20	DIVISION III: COMMISSION 15: PHYSICAL STUDIES OF COMETS AND MINOR PLANETS. <i>Proceedings of the International Astronomical Union</i> , 2013, 10, 115-119.	0.0	0