

Bastian Gundlach

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11710710/publications.pdf>

Version: 2024-02-01

13
papers

566
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

889
citing authors

#	ARTICLE	IF	CITATIONS
1	A new method to determine the grain size of planetary regolith. <i>Icarus</i> , 2013, 223, 479-492.	2.5	160
2	Evidence for the formation of comet 67P/Churyumov-Gerasimenko through gravitational collapse of a bound clump of pebbles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, S755-S773.	4.4	146
3	Outgassing of icy bodies in the Solar System – II: Heat transport in dry, porous surface dust layers. <i>Icarus</i> , 2012, 219, 618-629.	2.5	97
4	The Philae lander reveals low-strength primitive ice inside cometary boulders. <i>Nature</i> , 2020, 586, 697-701.	27.8	40
5	Asteroid Ryugu before the Hayabusa2 encounter. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	3.0	39
6	Micrometer-sized ice particles for planetary-science experiments – II. Bidirectional reflectance. <i>Icarus</i> , 2013, 225, 352-366.	2.5	22
7	Laboratory Studies Towards Understanding Comets. <i>Space Science Reviews</i> , 2015, 197, 101-150.	8.1	18
8	Effect of radiative heat transfer in porous comet nuclei: case study of 67P/Churyumov-Gerasimenko. <i>Astronomy and Astrophysics</i> , 2019, 630, A5.	5.1	17
9	Sublimation of ice-dust mixtures in cooled vacuum environments to reproduce cometary morphologies. <i>Astronomy and Astrophysics</i> , 2021, 649, A35.	5.1	10
10	Thermal properties of lunar regolith simulant melting specimen. <i>Acta Astronautica</i> , 2021, 187, 429-437.	3.2	8
11	Are there any pristine comets? Constraints from pebble structure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 514, 3366-3394.	4.4	8
12	Sublimation of organic-rich comet analog materials and their relevance in fracture formation. <i>Astronomy and Astrophysics</i> , 2021, 653, A153.	5.1	1
13	Laboratory Studies Towards Understanding Comets. , 2017, , 101-150.		0