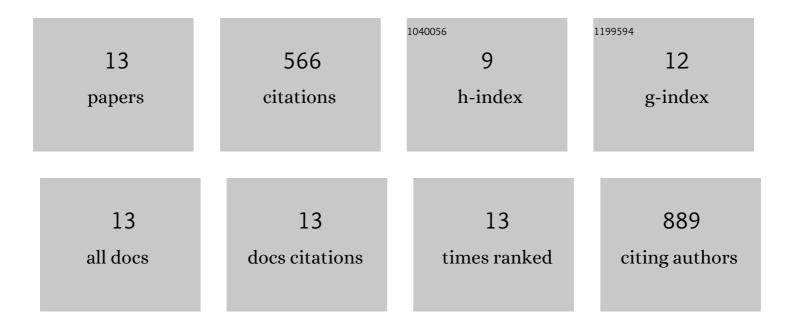
Bastian Gundlach

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11710710/publications.pdf Version: 2024-02-01



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