

Joanna Gurgurewicz

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

198
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

342
citing authors

#	ARTICLE	IF	CITATIONS
1	Extensive surface pedogenic alteration of the Martian Noachian crust suggested by plateau phyllosilicates around Valles Marineris. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	79
2	Empirical investigation of friction weakening of terrestrial and Martian landslides using discrete element models. <i>Landslides</i> , 2019, 16, 1121-1140.	5.4	21
3	Global permittivity mapping of the Martian surface from SHARAD. <i>Earth and Planetary Science Letters</i> , 2017, 462, 55-65.	4.4	18
4	Geomorphology of Ius Chasma, Valles Marineris, Mars. <i>Journal of Maps</i> , 2017, 13, 260-269.	2.0	17
5	The Highland Terrain Hopper (HOPTER): Concept and use cases of a new locomotion system for the exploration of low gravity Solar System bodies. <i>Acta Astronautica</i> , 2016, 121, 200-220.	3.2	16
6	Water in the history of Mars: An assessment. <i>Planetary and Space Science</i> , 2019, 166, 70-89.	1.7	11
7	Deep-seated gravitational slope deformation scaling on Mars and Earth: same fate for different initial conditions and structural evolutions. <i>Earth Surface Dynamics</i> , 2019, 7, 361-376.	2.4	8
8	On Mars, Location and Orientation of Dykes Exposed along the Valles Marineris Walls Reveal Expected and Unexpected Stress Fields. <i>Acta Geologica Sinica</i> , 2016, 90, 177-179.	1.4	7
9	Probing the Atmospheric Cl Isotopic Ratio on Mars: Implications for Planetary Evolution and Atmospheric Chemistry. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092650.	4.0	7
10	Inferring alteration conditions on Mars: Insights from near-infrared spectra of terrestrial basalts altered in cold and hot arid environments. <i>Planetary and Space Science</i> , 2015, 119, 137-154.	1.7	5
11	Nanotopographic characterization of microfractures in rocks by Atomic Force Microscopy. <i>Journal of Structural Geology</i> , 2019, 124, 70-80.	2.3	3
12	The Ophir Chasma Dyke Swarm: Description and Implications for the Genesis of the Valles Marineris Northern Troughs. <i>Acta Geologica Sinica</i> , 2016, 90, 180-182.	1.4	2
13	Evaluation of the EGNOS service for topographic profiling in field geosciences. <i>Geomorphology</i> , 2016, 268, 253-265.	2.6	1
14	Energy Dissipation during Surface Interaction of an Underactuated Robot for Planetary Exploration. <i>Energies</i> , 2021, 14, 4282.	3.1	0