

Mihaela Glamoclija

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

950
citations

933447

10
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1538
citing authors

#	ARTICLE	IF	CITATIONS
1	Unique Meteorite from Early Amazonian Mars: Water-Rich Basaltic Breccia Northwest Africa 7034. <i>Science</i> , 2013, 339, 780-785.	12.6	340
2	A Reduced Organic Carbon Component in Martian Basalts. <i>Science</i> , 2012, 337, 212-215.	12.6	182
3	Recent geological and hydrological activity on Mars: The Tharsis/Elysium corridor. <i>Planetary and Space Science</i> , 2008, 56, 985-1013.	1.7	92
4	Origin of terrestrial gypsum dunes—Implications for Martian gypsum-rich dunes of Olympia Undae. <i>Geomorphology</i> , 2010, 121, 69-83.	2.6	66
5	The Dallol Geothermal Area, Northern Afar (Ethiopia)—An Exceptional Planetary Field Analog on Earth. <i>Astrobiology</i> , 2019, 19, 553-578.	3.0	51
6	Biosignatures and Bacterial Diversity in Hydrothermal Deposits of Solfatar Crater, Italy. <i>Geomicrobiology Journal</i> , 2004, 21, 529-541.	2.0	44
7	Graphite in an Apollo 17 Impact Melt Breccia. <i>Science</i> , 2010, 329, 51-51.	12.6	42
8	Sulfur isotope signatures in gypsiferous sediments of the Estancia and Tularosa Basins as indicators of sulfate sources, hydrological processes, and microbial activity. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6162-6186.	3.9	31
9	Microbial Diversity of Hypersaline Sediments from Lake Lucero Playa in White Sands National Monument, New Mexico, USA. <i>Microbial Ecology</i> , 2018, 76, 404-418.	2.8	19
10	Controls on Barite Crystal Morphology during Abiotic Precipitation. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 480.	2.0	14
11	Equatorial layered deposits in Arabia Terra, Mars: Facies and process variability. <i>Bulletin of the Geological Society of America</i> , 0, , B31225.1.	3.3	13
12	Microbial Nitrogen and Sulfur Cycles at the Gypsum Dunes of White Sands National Monument, New Mexico. <i>Geomicrobiology Journal</i> , 2012, 29, 733-751.	2.0	11
13	Harmakhis Vallis Source Region, Mars: Insights into the recent geothermal history based on geological mapping. <i>Planetary and Space Science</i> , 2011, 59, 1179-1194.	1.7	9
14	Isotopic and geochemical investigation of two distinct Mars analog environments using evolved gas techniques in Svalbard, Norway. <i>Icarus</i> , 2013, 224, 297-308.	2.5	9
15	Origin of coarsely crystalline gypsum domes in a saline playa environment at the White Sands National Monument, New Mexico. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	8
16	Raman spectroscopy provides insight into carbonate rock fabric based on calcite and dolomite crystal orientation. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 1155-1166.	2.5	8
17	Subsurface Microbial Ecology at Sediment-Groundwater Interface in Sulfate-Rich Playa; White Sands National Monument, New Mexico. <i>Frontiers in Microbiology</i> , 2019, 10, 2595.	3.5	6
18	Preservation of organic carbon in dolomitized Cambrian stromatolites and implications for microbial biosignatures in diagenetically replaced carbonate rock. <i>Sedimentary Geology</i> , 2020, 410, 105777.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Insignificant impact of freezing and compaction on iron solubility in natural snow. Journal of Atmospheric Chemistry, 2018, 75, 247-270.	3.2	0
20	On the Past, Present, and Future Role of Biology in NASA's Exploration of our Solar System. , 2021, 53, .		0