

Mercedes Moreno-Paz

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

614
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

794
citing authors

#	ARTICLE	IF	CITATIONS
1	A Microbial Oasis in the Hypersaline Atacama Subsurface Discovered by a Life Detector Chip: Implications for the Search for Life on Mars. <i>Astrobiology</i> , 2011, 11, 969-996.	3.0	140
2	Viable cyanobacteria in the deep continental subsurface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10702-10707.	7.1	124
3	SOLID3: A Multiplex Antibody Microarray-Based Optical Sensor Instrument for <i>In Situ</i> Life Detection in Planetary Exploration. <i>Astrobiology</i> , 2011, 11, 15-28.	3.0	104
4	A 200-Antibody Microarray Biochip for Environmental Monitoring: Searching for Universal Microbial Biomarkers through Immunoprofiling. <i>Analytical Chemistry</i> , 2008, 80, 7970-7979.	6.5	83
5	SOLID2: An Antibody Array-Based Life-Detector Instrument in a Mars Drilling Simulation Experiment (MARTE). <i>Astrobiology</i> , 2008, 8, 987-999.	3.0	63
6	Simulating Mars Drilling Mission for Searching for Life: <i>Ground-Truthing</i> Lipids and Other Complex Microbial Biomarkers in the Iron-Sulfur Rich <i>R�o Tinto</i> Analog. <i>Astrobiology</i> , 2020, 20, 1029-1047.	3.0	31
7	Microbiology and Nitrogen Cycle in the Benthic Sediments of a Glacial Oligotrophic Deep Andean Lake as Analog of Ancient Martian Lake-Beds. <i>Frontiers in Microbiology</i> , 2019, 10, 929.	3.5	22
8	Detecting Nonvolatile Life- and Nonlife-Derived Organics in a Carbonaceous Chondrite Analogue with a New Multiplex Immunoassay and Its Relevance for Planetary Exploration. <i>Astrobiology</i> , 2018, 18, 1041-1056.	3.0	20
9	A multiplex antigen microarray for simultaneous IgG and IgM detection against SARS�CoV�2 reveals higher seroprevalence than reported. <i>Microbial Biotechnology</i> , 2021, 14, 1228-1236.	4.2	11
10	Time-Integrative Multibiomarker Detection in Triassic�Jurassic Rocks from the Atacama Desert: Relevance to the Search for Basic Life Beyond Earth. <i>Astrobiology</i> , 2021, 21, 1421-1437.	3.0	9
11	Lipid Profiles From Fresh Biofilms Along a Temperature Gradient on a Hydrothermal Stream at El Tatio (Chilean Andes), as a Proxy for the Interpretation of Past and Present Biomarkers Beyond Earth. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	7