

Rosalba Bonaccorsi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

420
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

647
citing authors

#	ARTICLE	IF	CITATIONS
1	Ladakh: diverse, high-altitude extreme environments for off-earth analogue and astrobiology research. <i>International Journal of Astrobiology</i> , 2020, 19, 78-98.	1.6	20
2	Subsurface scientific exploration of extraterrestrial environments (MINAR 5): analogue science, technology and education in the Boulby Mine, UK. <i>International Journal of Astrobiology</i> , 2019, 18, 157-182.	1.6	17
3	In situ real-time quantification of microbial communities: Applications to cold and dry volcanic habitats. <i>Global Ecology and Conservation</i> , 2018, 16, e00458.	2.1	3
4	Preservation Potential and Habitability of Clay Minerals- and Iron-Rich Environments: Novel Analogs for the 2011 Mars Science Laboratory Mission. <i>Cellular Origin and Life in Extreme Habitats</i> , 2011, , 705-722.	0.3	3
5	Astrobiology through the Ages of Mars: The Study of Terrestrial Analogues to Understand the Habitability of Mars. <i>Astrobiology</i> , 2010, 10, 821-843.	3.0	141
6	Biomass and habitability potential of clay minerals- and iron-rich environments: Testing novel analogs for Mars Science Laboratory landing sites candidates. <i>Philosophical Magazine</i> , 2010, 90, 2309-2327.	1.6	10
7	The 2005 MARTE Robotic Drilling Experiment in R�o Tinto, Spain: Objectives, Approach, and Results of a Simulated Mission to Search for Life in the Martian Subsurface. <i>Astrobiology</i> , 2008, 8, 921-945.	3.0	52
8	Subsurface formation of oxidants on Mars and implications for the preservation of organic biosignatures. <i>Earth and Planetary Science Letters</i> , 2008, 272, 456-463.	4.4	45
9	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
10	Science Results from a Mars Drilling Simulation (R�o Tinto, Spain) and Ground Truth for Remote Science Observations. <i>Astrobiology</i> , 2008, 8, 967-985.	3.0	21
11	Design and Practices for Use of Automated Drilling and Sample Handling in MARTE While Minimizing Terrestrial and Cross Contamination. <i>Astrobiology</i> , 2008, 8, 947-965.	3.0	12
12	MARTE: Technology development and lessons learned from a Mars drilling mission simulation. <i>Journal of Field Robotics</i> , 2007, 24, 877-905.	6.0	33