Rosalba Bonaccorsi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10950219/publications.pdf

Version: 2024-02-01

12	420	1040056	1199594
papers	citations	9	12
		h-index	g-index

12	12	12	647
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Astrobiology through the Ages of Mars: The Study of Terrestrial Analogues to Understand the Habitability of Mars. Astrobiology, 2010, 10, 821-843.	3.0	141
2	SOLID2: An Antibody Array-Based Life-Detector Instrument in a Mars Drilling Simulation Experiment (MARTE). Astrobiology, 2008, 8, 987-999.	3.0	63
3	The 2005 MARTE Robotic Drilling Experiment in RÃo Tinto, Spain: Objectives, Approach, and Results of a Simulated Mission to Search for Life in the Martian Subsurface. Astrobiology, 2008, 8, 921-945.	3.0	52
4	Subsurface formation of oxidants on Mars and implications for the preservation of organic biosignatures. Earth and Planetary Science Letters, 2008, 272, 456-463.	4.4	45
5	MARTE: Technology development and lessons learned from a Mars drilling mission simulation. Journal of Field Robotics, 2007, 24, 877-905.	6.0	33
6	Science Results from a Mars Drilling Simulation (RÃo Tinto, Spain) and Ground Truth for Remote Science Observations. Astrobiology, 2008, 8, 967-985.	3.0	21
7	Ladakh: diverse, high-altitude extreme environments for off-earth analogue and astrobiology research. International Journal of Astrobiology, 2020, 19, 78-98.	1.6	20
8	Subsurface scientific exploration of extraterrestrial environments (MINAR 5): analogue science, technology and education in the Boulby Mine, UK. International Journal of Astrobiology, 2019, 18, 157-182.	1.6	17
9	Design and Practices for Use of Automated Drilling and Sample Handling in MARTE While Minimizing Terrestrial and Cross Contamination. Astrobiology, 2008, 8, 947-965.	3.0	12
10	Biomass and habitability potential of clay minerals- and iron-rich environments: Testing novel analogs for Mars Science Laboratory landing sites candidates. Philosophical Magazine, 2010, 90, 2309-2327.	1.6	10
11	In situ real-time quantification of microbial communities: Applications to cold and dry volcanic habitats. Global Ecology and Conservation, 2018, 16, e00458.	2.1	3
12	Preservation Potential and Habitability of Clay Minerals- and Iron-Rich Environments: Novel Analogs for the 2011 Mars Science Laboratory Mission. Cellular Origin and Life in Extreme Habitats, 2011, , 705-722.	0.3	3