

Luoth Chou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7345898/publications.pdf>

Version: 2024-02-01

12
papers

144
citations

1478505

6
h-index

1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Mars Extant Life: What's Next? Conference Report. <i>Astrobiology</i> , 2020, 20, 785-814.	3.0	56
2	Secondary Electrons as an Energy Source for Life. <i>Astrobiology</i> , 2018, 18, 73-85.	3.0	23
3	Planetary Mass Spectrometry for Agnostic Life Detection in the Solar System. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	19
4	Perchlorate and volatiles of the brine of Lake Vida (Antarctica): Implication for the in situ analysis of Mars sediments. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 1190-1203.	3.6	11
5	The Grayness of the Origin of Life. <i>Life</i> , 2021, 11, 498.	2.4	10
6	A novel gene, <i>lstC</i> , of <i>Listeria monocytogenes</i> is implicated in high salt tolerance. <i>Food Microbiology</i> , 2015, 48, 72-82.	4.2	8
7	Towards a more universal life detection strategy. , 2021, 53, .		6
8	Non-Robotic Science Autonomy Development. , 2021, 53, .		5
9	Effects of legacy metabolites from previous ecosystems on the environmental metabolomics of the brine of Lake Vida, East Antarctica. <i>Organic Geochemistry</i> , 2018, 122, 161-170.	1.8	4
10	Comment on "Evaluation of the Tenax Trap in the Sample Analysis at Mars Instrument Suite on the Curiosity Rover as a Potential Hydrocarbon Source for Chlorinated Organics Detected in Gale Crater" by Miller et al. (2015). <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 644-647.	3.6	1
11	Organic sulfones in the brine of Lake Vida, East Antarctica. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 292, 409-426.	3.9	1
12	Camilla: A centaur reconnaissance and impact mission concept. <i>Planetary and Space Science</i> , 2018, 164, 184-193.	1.7	0