

Claudia Fagliarone

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2169632/claudia-fagliarone-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

237
citations

8
h-index

15
g-index

15
ext. papers

329
ext. citations

3.3
avg, IF

3.06
L-index

#	Paper	IF	Citations
15	Limits of Life and the Habitability of Mars: The ESA Space Experiment BIOMEX on the ISS. <i>Astrobiology</i> , 2019 , 19, 145-157	3.7	73
14	Avoidance of protein oxidation correlates with the desiccation and radiation resistance of hot and cold desert strains of the cyanobacterium <i>Chroococcidiopsis</i> . <i>Extremophiles</i> , 2017 , 21, 981-991	3	30
13	Evaluation of the Resistance of <i>Chroococcidiopsis</i> spp. to Sparsely and Densely Ionizing Irradiation. <i>Astrobiology</i> , 2017 , 17, 118-125	3.7	28
12	A Desert Cyanobacterium under Simulated Mars-like Conditions in Low Earth Orbit: Implications for the Habitability of Mars. <i>Astrobiology</i> , 2019 , 19, 158-169	3.7	23
11	Dried Biofilms of Desert Strains of Survived Prolonged Exposure to Space and Mars-like Conditions in Low Earth Orbit. <i>Astrobiology</i> , 2019 , 19, 1008-1017	3.7	21
10	Antiproliferative effect of Aurora kinase targeting in mesothelioma. <i>Lung Cancer</i> , 2010 , 70, 271-9	5.9	16
9	Over-Expression of UV-Damage DNA Repair Genes and Ribonucleic Acid Persistence Contribute to the Resilience of Dried Biofilms of the Desert Cyanobacterium Exposed to Mars-Like UV Flux and Long-Term Desiccation. <i>Frontiers in Microbiology</i> , 2019 , 10, 2312	5.7	12
8	Exploiting a perchlorate-tolerant desert cyanobacterium to support bacterial growth for in situ resource utilization on Mars. <i>International Journal of Astrobiology</i> , 2021 , 20, 29-35	1.4	9
7	Biomarker Preservation and Survivability Under Extreme Dryness and Mars-Like UV Flux of a Desert Cyanobacterium Capable of Trehalose and Sucrose Accumulation. <i>Frontiers in Astronomy and Space Sciences</i> , 2020 , 7,	3.8	7
6	Survivability of Anhydrobiotic Cyanobacteria in Salty Ice: Implications for the Habitability of Icy Worlds. <i>Life</i> , 2019 , 9,	3	5
5	Revival of Anhydrobiotic Cyanobacterium Biofilms Exposed to Space Vacuum and Prolonged Dryness: Implications for Future Missions beyond Low Earth Orbit. <i>Astrobiology</i> , 2021 , 21, 541-550	3.7	4
4	Exposure to low Earth orbit of an extreme-tolerant cyanobacterium as a contribution to lunar astrobiology activities. <i>International Journal of Astrobiology</i> , 2020 , 19, 53-60	1.4	4
3	Carotenoid Raman Signatures Are Better Preserved in Dried Cells of the Desert Cyanobacterium than in Hydrated Counterparts after High-Dose Gamma Irradiation. <i>Life</i> , 2020 , 10,	3	2
2	Role of DNA repair pathways in the recovery of a dried, radioresistant cyanobacterium exposed to high-LET radiation: implications for the habitability of Mars. <i>International Journal of Astrobiology</i> , 2021 , 20, 1-12	1.4	2
1	Genome-Wide Identification and Bioinformatics Characterization of Superoxide Dismutases in the Desiccation-Tolerant Cyanobacterium sp. CCME 029. <i>Frontiers in Microbiology</i> , 2021 , 12, 660050	5.7	1