

Claudia Fagliarone

List of Publications by Year in Descending Order

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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	Genome-Wide Identification and Bioinformatics Characterization of Superoxide Dismutases in the Desiccation-Tolerant Cyanobacterium sp. CCMEE 029. <i>Frontiers in Microbiology</i> , 2021 , 12, 660050	5.7	1
14	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
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	Survivability of Anhydrobiotic Cyanobacteria in Salty Ice: Implications for the Habitability of Icy Worlds. <i>Life</i> , 2019 , 9,	3	5
4	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
3	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
2	Antiproliferative effect of Aurora kinase targeting in mesothelioma. <i>Lung Cancer</i> , 2010 , 70, 271-9	5.9	16
1	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> , 1-12	1.4	2