Luis Zea

List of Publications by Year
in descending order

17 papers	474 citations	1040056 9 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	429 citing authors

#	Article	IF	Citations
1	In situ resource utilisation: The potential for space biomining. Minerals Engineering, 2022, 176, 107288.	4.3	13
2	The smallest space miners: principles of space biomining. Extremophiles, 2022, 26, 7.	2.3	26
3	Experiment verification test of the Artemis I â€˜Deep Space Radiation Genomicsâ€™ experiment. Acta Astronautica, 2022, 198, 702-706.	3.2	4
4	Preparation for and performance of a Pseudomonas aeruginosa biofilm experiment on board the International Space Station. Acta Astronautica, 2022, 199, 386-400.	3.2	6
5	CubeSats for microbiology and astrobiology research. , 2021, , 147-162.		4
6	NASA GeneLab RNA-seq consensus pipeline: Standardized processing of short-read RNA-seq data. IScience, 2021, 24, 102361.	4.1	20
7	Potential of Acidithiobacillus ferrooxidans to Grow on and Bioleach Metals from Mars and Lunar Regolith Simulants under Simulated Microgravity Conditions. Microorganisms, 2021, 9, 2416.	3.6	7
8	Prospective directions for biohydrometallurgy. Hydrometallurgy, 2020, 195, 105376.	4.3	67
9	Potential biofilm control strategies for extended spaceflight missions. Biofilm, 2020, 2, 100026.	3.8	45
10	Design of a spaceflight biofilm experiment. Acta Astronautica, 2018, 148, 294-300.	3.2	46
11	Spaceflight Modifies Escherichia coli Gene Expression in Response to Antibiotic Exposure and Reveals Role of Oxidative Stress Response. Frontiers in Microbiology, 2018, 9, 310.	3.5	77
12	Phenotypic Changes Exhibited by E. coli Cultured in Space. Frontiers in Microbiology, 2017, 8, 1598.	3.5	84
13	A Molecular Genetic Basis Explaining Altered Bacterial Behavior in Space. PLoS ONE, 2016, 11, e0164359.	2.5	61
14	Hydrogen Sulfide Absorption Phenomena in Brine/Oil Mixtures. SPE Journal, 2011, 16, 931-939.	3.1	9
15	Surface extra-vehicular activity emergency scenario management: Tools, procedures, and geologically related implications. Acta Astronautica, 2010, 67, 60-70.	3.2	2
16	Surface Extra-Vehicular Activity Emergency Scenario Management: Tools, Procedures, and Geologically-Related Implications. , 2009, , .		0
17	Role of Pressure and Reaction Time on Corrosion Control of H2S Scavenger. , 2008, , .		3