Carlos Paulo

List of Publications by Year
in descending order

15	386	933447 10	1125743 13
papers	citations	h-index	g-index

15	15	15	418
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	URANIUM ACCUMULATION BY AQUATIC PLANTS FROM URANIUM-CONTAMINATED WATER IN CENTRAL PORTUGAL. International Journal of Phytoremediation, 2012, 14, 221-234.	3.1	74
2	Potential application of biomineralization by Synechococcus PCC8806 for concrete restoration. Ecological Engineering, 2015, 82, 459-468.	3.6	64
3	Potential of aquatic plants for phytofiltration of uranium-contaminated waters in laboratory conditions. Ecological Engineering, 2014, 69, 170-176.	3.6	55
4	2D Raman spectroscopy study of dolomite and cyanobacterial extracellular polymeric substances from Khor Alâ€Adaid sabkha (Qatar). Journal of Raman Spectroscopy, 2013, 44, 1563-1569.	2.5	35
5	CaCO3 biomineralization on cyanobacterial surfaces: Insights from experiments with three Synechococcus strains. Colloids and Surfaces B: Biointerfaces, 2013, 111, 600-608.	5.0	32
6	The role of chitin-rich skeletal organic matrix on the crystallization of calcium carbonate in the crustose coralline alga Leptophytum foecundum. Scientific Reports, 2019, 9, 11869.	3.3	28
7	Evaluating feedstocks for carbon dioxide removal by enhanced rock weathering and CO2 mineralization. Applied Geochemistry, 2021, 129, 104955.	3.0	21
8	Carbonation, Cementation, and Stabilization of Ultramafic Mine Tailings. Environmental Science & Technology, 2021, 55, 10056-10066.	10.0	18
9	Effects of Phosphorus in Growth Media on Biomineralization and Cell Surface Properties of Marine Cyanobacteria Synechococcus. Geosciences (Switzerland), 2018, 8, 471.	2.2	15
10	Direct measurement of CO2 drawdown in mine wastes and rock powders: Implications for enhanced rock weathering. International Journal of Greenhouse Gas Control, 2022, 113, 103554.	4.6	15
11	Rates of atmospheric CO2 capture using magnesium oxide powder. International Journal of Greenhouse Gas Control, 2022, 119, 103701.	4.6	10
12	Cation Exchange in Smectites as a New Approach to Mineral Carbonation. Frontiers in Climate, 0, 4, .	2.8	9
13	Organomineralization of proto-dolomite by a phototrophic microbial mat extracellular polymeric substances: Control of crystal size and its implication for carbonate depositional systems. Numerische Mathematik, 2020, 320, 72-95.	1.4	6
14	Uranium accumulator plants from the centre of Portugal â€" their potential to phytoremediation. , 2006, , 477-482.		2
15	Accelerating mineral carbonation in hydraulic fracturing flowback and produced water using CO2-rich gas. Applied Geochemistry, 2022, 143, 105380.	3.0	2