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	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
2	Rates of atmospheric CO2 capture using magnesium oxide powder. International Journal of Greenhouse Gas Control, 2022, 119, 103701.	4.6	10
3	Accelerating mineral carbonation in hydraulic fracturing flowback and produced water using CO2-rich gas. Applied Geochemistry, 2022, 143, 105380.	3.0	2
4	Evaluating feedstocks for carbon dioxide removal by enhanced rock weathering and CO2 mineralization. Applied Geochemistry, 2021, 129, 104955.	3.0	21
5	Carbonation, Cementation, and Stabilization of Ultramafic Mine Tailings. Environmental Science & Technology, 2021, 55, 10056-10066.	10.0	18
6	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
7	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
8	Effects of Phosphorus in Growth Media on Biomineralization and Cell Surface Properties of Marine Cyanobacteria Synechococcus. Geosciences (Switzerland), 2018, 8, 471.	2.2	15
9	Potential application of biomineralization by Synechococcus PCC8806 for concrete restoration. Ecological Engineering, 2015, 82, 459-468.	3.6	64
10	Potential of aquatic plants for phytofiltration of uranium-contaminated waters in laboratory conditions. Ecological Engineering, 2014, 69, 170-176.	3.6	55
11	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
12	CaCO3 biomineralization on cyanobacterial surfaces: Insights from experiments with three Synechococcus strains. Colloids and Surfaces B: Biointerfaces, 2013, 111, 600-608.	5.0	32
13	URANIUM ACCUMULATION BY AQUATIC PLANTS FROM URANIUM-CONTAMINATED WATER IN CENTRAL PORTUGAL. International Journal of Phytoremediation, 2012, 14, 221-234.	3.1	74
14	Uranium accumulator plants from the centre of Portugal â€" their potential to phytoremediation. , 2006, , 477-482.		2
15	Cation Exchange in Smectites as a New Approach to Mineral Carbonation. Frontiers in Climate, 0, 4, .	2.8	9