Connor C Turvey

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8663764/publications.pdf

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12	304	1039880 9	1281743 11
papers	citations	h-index	g-index

12	12	12	195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Potential for offsetting diamond mine carbon emissions through mineral carbonation of processed kimberlite: an assessment of De Beers mine sites in South Africa and Canada. Mineralogy and Petrology, 2018, 112, 755-765.	0.4	47
2	Accelerating Mineral Carbonation in Ultramafic Mine Tailings via Direct CO2 Reaction and Heap Leaching with Potential for Base Metal Enrichment and Recovery. Economic Geology, 2020, 115, 303-323.	1.8	45
3	Hydrotalcites and hydrated Mg-carbonates as carbon sinks in serpentinite mineral wastes from the Woodsreef chrysotile mine, New South Wales, Australia: Controls on carbonate mineralogy and efficiency of CO2 air capture in mine tailings. International Journal of Greenhouse Gas Control, 2018, 79, 38-60.	2.3	42
4	Fate of transition metals during passive carbonation of ultramafic mine tailings via air capture with potential for metal resource recovery. International Journal of Greenhouse Gas Control, 2018, 71, 155-167.	2.3	37
5	Experimental Deployment of Microbial Mineral Carbonation at an Asbestos Mine: Potential Applications to Carbon Storage and Tailings Stabilization. Minerals (Basel, Switzerland), 2017, 7, 191.	0.8	31
6	Nesquehonite sequesters transition metals and CO2 during accelerated carbon mineralisation. International Journal of Greenhouse Gas Control, 2016, 55, 73-81.	2.3	24
7	Field-based accounting of CO₂sequestration in ultramafic mine wastes using portable X-ray diffraction. American Mineralogist, 2017, 102, 1302-1310.	0.9	19
8	Comparison of Rietveld-compatible structureless fitting analysis methods for accurate quantification of carbon dioxide fixation in ultramafic mine tailings. American Mineralogist, 2018, 103, 1649-1662.	0.9	19
9	Rate and capacity of cation release from ultramafic mine tailings for carbon capture and storage. Applied Geochemistry, 2022, 140, 105285.	1.4	16
10	Mineralisation of atmospheric CO2 in hydromagnesite in ultramafic mine tailings â€“ Insights from Mg isotopes. Geochimica Et Cosmochimica Acta, 2021, 309, 191-208.	1.6	10
11	Cation Exchange in Smectites as a New Approach to Mineral Carbonation. Frontiers in Climate, 0, 4, .	1.3	9
12	Deducing Mineralogy of Serpentinized and Carbonated Ultramafic Rocks Using Physical Properties With Implications for Carbon Sequestration and Subduction Zone Dynamics. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009989.	1.0	5