

Jessica L Hamilton

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Accelerating Mineral Carbonation in Ultramafic Mine Tailings via Direct CO ₂ Reaction and Heap Leaching with Potential for Base Metal Enrichment and Recovery. <i>Economic Geology</i> , 2020, 115, 303-323.	3.8	45
2	Fate of transition metals during passive carbonation of ultramafic mine tailings via air capture with potential for metal resource recovery. <i>International Journal of Greenhouse Gas Control</i> , 2018, 71, 155-167.	4.6	37
3	Comparison of Rietveld-compatible structureless fitting analysis methods for accurate quantification of carbon dioxide fixation in ultramafic mine tailings. <i>American Mineralogist</i> , 2018, 103, 1649-1662.	1.9	19
4	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 CO ₂ air capture in mine tailings. <i>International Journal of Greenhouse Gas Control</i> , 2018, 79, 38-60.	4.6	42
5	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. <i>Mineralogy and Petrology</i> , 2018, 112, 755-765.	1.1	47
6	Field-based accounting of CO ₂ sequestration in ultramafic mine wastes using portable X-ray diffraction. <i>American Mineralogist</i> , 2017, 102, 1302-1310.	1.9	19
7	Experimental Deployment of Microbial Mineral Carbonation at an Asbestos Mine: Potential Applications to Carbon Storage and Tailings Stabilization. <i>Minerals (Basel, Switzerland)</i> , 2017, 7, 191.	2.0	31
8	Nesquehonite sequesters transition metals and CO ₂ during accelerated carbon mineralisation. <i>International Journal of Greenhouse Gas Control</i> , 2016, 55, 73-81.	4.6	24
9	Cation Exchange in Smectites as a New Approach to Mineral Carbonation. <i>Frontiers in Climate</i> , 0, 4, .	2.8	9