

James Tm Amphlett

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

339
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyamine functionalised ion exchange resins: Synthesis, characterisation and uranyl uptake. <i>Chemical Engineering Journal</i> , 2018, 334, 1361-1370.	12.7	69
2	Nahuoic Acid A Produced by a <i>Streptomyces</i> sp. Isolated From a Marine Sediment Is a Selective SAM-Competitive Inhibitor of the Histone Methyltransferase SETD8. <i>Organic Letters</i> , 2013, 15, 414-417.	4.6	65
3	Insights on uranium uptake mechanisms by ion exchange resins with chelating functionalities: Chelation vs. anion exchange. <i>Chemical Engineering Journal</i> , 2020, 392, 123712.	12.7	63
4	SOHIO process legacy waste treatment: Uranium recovery using ion exchange. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 81, 144-152.	5.8	45
5	The effect of contaminants on the application of polyamine functionalised ion exchange resins for uranium extraction from sulfate based mining process waters. <i>Chemical Engineering Journal</i> , 2018, 354, 633-640.	12.7	40
6	The effect of increasing water content on transition metal speciation in deep eutectic solvents. <i>Journal of Molecular Liquids</i> , 2021, 332, 115845.	4.9	17
7	Probing Ni ²⁺ and Co ²⁺ speciation in carboxylic acid based deep eutectic solvents using UV/Vis and FT-IR spectroscopy. <i>Journal of Molecular Liquids</i> , 2020, 318, 114217.	4.9	15
8	Extraction of uranium from non-saline and hypersaline conditions using iminodiacetic acid chelating resin Purolite S930+. <i>Chemical Engineering Journal</i> , 2018, 342, 133-141.	12.7	12
9	Ethylenediamine-functionalized ion exchange resin for uranium recovery from acidic mixed sulphate-chloride media: initial column loading studies. <i>Journal of the Southern African Institute of Mining and Metallurgy</i> , 2018, 118, .	0.3	5
10	Impact of copper(II) on activation product removal from reactor decommissioning effluents in South Korea. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 82, 261-268.	5.8	3
11	Surface decontamination of protective duplex oxide layers on stainless steel waste using deep eutectic solvents. <i>Journal of Hazardous Materials</i> , 2022, 425, 128000.	12.4	3
12	Rapid identification of Sr on surfaces of metals, porous medium, transparent materials using single-shot laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 159, 105649.	2.9	2