

John Anawati

List of Publications by Year in descending order

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11
papers

273
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated carbothermic smelting â€“ Acid baking â€“ Water leaching process for extraction of scandium, aluminum, and iron from bauxite residue. <i>Journal of Cleaner Production</i> , 2022, 330, 129905.	9.3	15
2	Urban mining of terbium, europium, and yttrium from real fluorescent lamp waste using supercritical fluid extraction: Process development and mechanistic investigation. <i>Waste Management</i> , 2022, 139, 168-178.	7.4	16
3	Closed-Loop Recycling of Lithium, Cobalt, Nickel, and Manganese from Waste Lithium-Ion Batteries of Electric Vehicles. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 4398-4410.	6.7	64
4	Recovery and separation of phosphorus as dicalcium phosphate dihydrate for fertilizer and livestock feed additive production from a low-grade phosphate ore. <i>RSC Advances</i> , 2020, 10, 38640-38653.	3.6	12
5	Highâ€Performance Aluminum Ion Battery Using Costâ€Effective $AlCl_3$ â€Trimethylamine Hydrochloride Ionic Liquid Electrolyte. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000074.	5.3	20
6	Recovery of Strategic Materials from Canadian Bauxite Residue by Smelting Followed by Acid Bakingâ€Water Leaching. <i>Minerals, Metals and Materials Series</i> , 2020, , 139-150.	0.4	3
7	Selective Recovery of Scandium from Nickel Laterite Ore by Acid Roastingâ€Water Leaching. <i>Minerals, Metals and Materials Series</i> , 2020, , 77-90.	0.4	2
8	Recovery of scandium from Canadian bauxite residue utilizing acid baking followed by water leaching. <i>Waste Management</i> , 2019, 95, 549-559.	7.4	59
9	Innovative Application of Microwave Treatment for Recovering of Rare Earth Elements from Phosphogypsum. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16471-16481.	6.7	32
10	Aerionmetallurgical Extraction of Rare Earth Elements from a NdFeB Magnet Utilizing Supercritical Fluids. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16713-16725.	6.7	38
11	Matrix complexity effect on platinum group metals analysis using inductively coupled plasma optical emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1310-1321.	3.0	12