

Joris Roosen

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

656
citations

933264

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1125617

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964
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#	ARTICLE	IF	CITATIONS
1	Selective Removal of Zinc from BOF Sludge by Leaching with Mixtures of Ammonia and Ammonium Carbonate. <i>Journal of Sustainable Metallurgy</i> , 2020, 6, 680-690.	1.1	21
2	Ammoniacal Solvleaching of Copper from High-Grade Chrysocolla. <i>Journal of Sustainable Metallurgy</i> , 2020, 6, 589-598.	1.1	6
3	Recovery of cobalt from dilute aqueous solutions using activated carbon–alginate composite spheres impregnated with Cyanex 272. <i>RSC Advances</i> , 2019, 9, 18734-18746.	1.7	10
4	Selective recovery of germanium from iron-rich solutions using a supported ionic liquid phase (SILP). <i>Separation and Purification Technology</i> , 2019, 221, 83-92.	3.9	16
5	Selective recovery of indium from iron-rich solutions using an Aliquat 336 iodide supported ionic liquid phase (SILP). <i>Separation and Purification Technology</i> , 2019, 212, 843-853.	3.9	35
6	Ethylenediaminetriacetic Acid-Functionalized Activated Carbon for the Adsorption of Rare Earths from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 1487-1497.	1.8	55
7	Process development for hydrometallurgical recovery of valuable metals from sulfide-rich residue generated in a secondary lead smelter. <i>Hydrometallurgy</i> , 2017, 169, 589-598.	1.8	10
8	Multifunctional Alginate–Sulfonate–Silica Sphere-Shaped Adsorbent Particles for the Recovery of Indium(III) from Secondary Resources. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8677-8688.	1.8	14
9	Chemical immobilization of 8-hydroxyquinoline and 8-hydroxyquinoline on chitosan-silica adsorbent materials for the selective recovery of gallium from Bayer liquor. <i>Hydrometallurgy</i> , 2017, 171, 275-284.	1.8	34
10	Recovery of scandium from leachates of Greek bauxite residue by adsorption on functionalized chitosan–silica hybrid materials. <i>Green Chemistry</i> , 2016, 18, 2005-2013.	4.6	95
11	Shaping of Alginate–Silica Hybrid Materials into Microspheres through Vibrating-Nozzle Technology and Their Use for the Recovery of Neodymium from Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 12836-12846.	1.8	43
12	Adsorption and chromatographic separation of rare earths with EDTA- and DTPA-functionalized chitosan biopolymers. <i>Journal of Materials Chemistry A</i> , 2014, 2, 1530-1540.	5.2	166
13	Adsorption performance of functionalized chitosan–silica hybrid materials toward rare earths. <i>Journal of Materials Chemistry A</i> , 2014, 2, 19415-19426.	5.2	151