

# Joris Roosen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6970081/publications.pdf>

Version: 2024-02-01

13  
papers

656  
citations

933264

10  
h-index

1125617

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

964  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Ethylenediaminetriacetic Acid-Functionalized Activated Carbon for the Adsorption of Rare Earths from Aqueous Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 1487-1497.	1.8	55
5	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 &amp; Engineering Chemistry Research</i> , 2015, 54, 12836-12846.	1.8	43
6	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
7	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
8	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
9	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
10	Multifunctional Alginate-Sulfonate-Silica Sphere-Shaped Adsorbent Particles for the Recovery of Indium(III) from Secondary Resources. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 8677-8688.	1.8	14
11	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
12	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
13	Ammoniacal Solvleaching of Copper from High-Grade Chrysocolla. <i>Journal of Sustainable Metallurgy</i> , 2020, 6, 589-598.	1.1	6