

Irena Jacukowicz-Sobala

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8332544/irena-jacukowicz-sobala-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

397
citations

10
h-index

19
g-index

24
ext. papers

470
ext. citations

5.7
avg, IF

3.95
L-index

#	Paper	IF	Citations
22	Water treatment residuals containing iron and manganese oxides for arsenic removal from water □ Characterization of physicochemical properties and adsorption studies. <i>Chemical Engineering Journal</i> , 2016 , 294, 210-221	14.7	141
21	Alginate beads containing water treatment residuals for arsenic removal from water-formation and adsorption studies. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 24527-24539	5.1	41
20	Synthesis and Evaluation of a Novel Hybrid Polymer Containing Manganese and Iron Oxides as a Sorbent for As(III) and As(V) Removal. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 6453-6461	2.9	28
19	Evaluation of hybrid anion exchanger containing cupric oxide for As(III) removal from water. <i>Journal of Hazardous Materials</i> , 2019 , 370, 117-125	12.8	27
18	Iron and aluminium oxides containing industrial wastes as adsorbents of heavy metals: Application possibilities and limitations. <i>Waste Management and Research</i> , 2015 , 33, 612-29	4	25
17	Evaluation of hybrid polymer containing iron oxides as As(III) and As(V) sorbent for drinking water purification. <i>Reactive and Functional Polymers</i> , 2014 , 83, 24-32	4.6	23
16	Synthesis and characterization of CuO-loaded macroreticular anion exchange hybrid polymer. <i>Reactive and Functional Polymers</i> , 2016 , 100, 107-115	4.6	16
15	Synthesis and characterization of hybrid materials containing iron oxide for removal of sulfides from water. <i>Journal of Colloid and Interface Science</i> , 2015 , 460, 154-63	9.3	15
14	Cu(II)-Fe(III) oxide doped anion exchangers - Multifunctional composites for arsenite removal from water via As(III) adsorption and oxidation. <i>Journal of Hazardous Materials</i> , 2020 , 394, 122527	12.8	15
13	CuO-Loaded Macroreticular Anion Exchange Hybrid Polymers Obtained via Tetrachlorocuprate(II) Ionic Form. <i>International Journal of Polymer Science</i> , 2017 , 2017, 1-6	2.4	11
12	Oxidation and adsorption of arsenic species by means of hybrid polymer containing manganese oxides. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	10
11	Hybrid polymers containing brochantite/tenorite obtained using gel type anion exchanger. <i>Reactive and Functional Polymers</i> , 2018 , 124, 12-19	4.6	9
10	Evaluation of ferromagnetic hybrid polymers obtained using cation exchangers. <i>Materials Chemistry and Physics</i> , 2015 , 161, 107-115	4.4	6
9	Freeze-drying as the post-processing technique improving adsorptive properties of waste Fe/Mn oxides entrapped in polymer beads towards As(III) and As(V). <i>Separation Science and Technology</i> , 2020 , 55, 487-500	2.5	6
8	Cu ₂ O doped gel-type anion exchanger obtained by reduction of brochantite deposit and its antimicrobial activity. <i>Reactive and Functional Polymers</i> , 2019 , 141, 42-49	4.6	5
7	Deposition of spherical and bracelet-like Cu ₂ O nanoparticles within the matrix of anion exchangers via reduction of tetrachlorocuprate anions. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103722	6.8	4
6	Hybrid polymer containing ferric oxides obtained using a redox polymer. Part I. Synthesis and characterization. <i>Polimery</i> , 2014 , 59, 131-135	3.4	4

5	Cuprite-doped macroreticular anion exchanger obtained by reduction of the Cu(OH) ₂ deposit. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103198	6.8	3
4	Antimicrobial activity of anion exchangers containing cupric compounds against <i>Enterococcus faecalis</i> . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 576, 103-109	5.1	3
3	Size-Controlled Transformation of CuO into Zero Valent Copper within the Matrix of Anion Exchangers via Green Chemical Reduction. <i>Polymers</i> , 2020 , 12,	4.5	3
2	Anomalous effect of Cu ₂ O and CuO deposit on the porosity of a macroreticular anion exchanger. <i>Journal of Nanoparticle Research</i> , 2021 , 23, 1	2.3	1
1	Photocatalytically-assisted oxidative adsorption of As(III) using sustainable multifunctional composite material - CuO doped anion exchanger.. <i>Journal of Hazardous Materials</i> , 2022 , 431, 128529	12.8	1