

Irena Jacukowicz-Sobala

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

546
citations

840119

11
h-index

642321

23
g-index

24
all docs

24
docs citations

24
times ranked

667
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	6.6	181
2	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.	2.7	57
3	Evaluation of hybrid anion exchanger containing cupric oxide for As(III) removal from water. <i>Journal of Hazardous Materials</i> , 2019, 370, 117-125.	6.5	37
4	Iron and aluminium oxides containing industrial wastes as adsorbents of heavy metals: Application possibilities and limitations. <i>Waste Management and Research</i> , 2015, 33, 612-629.	2.2	35
5	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.	1.8	32
6	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.	6.5	30
7	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.	2.0	25
8	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, 154-163.	5.0	18
9	Synthesis and characterization of CuO-loaded macroreticular anion exchange hybrid polymer. <i>Reactive and Functional Polymers</i> , 2016, 100, 107-115.	2.0	18
10	CuO-Loaded Macroreticular Anion Exchange Hybrid Polymers Obtained via Tetrachlorocuprate(II) Ionic Form. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-6.	1.2	13
11	Oxidation and adsorption of arsenic species by means of hybrid polymer containing manganese oxides. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	12
12	Hybrid polymers containing brochantite/tenorite obtained using gel type anion exchanger. <i>Reactive and Functional Polymers</i> , 2018, 124, 12-19.	2.0	11
13	Photocatalytically-assisted oxidative adsorption of As(III) using sustainable multifunctional composite material – Cu ₂ O doped anion exchanger. <i>Journal of Hazardous Materials</i> , 2022, 431, 128529.	6.5	11
14	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.	2.0	9
15	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.	1.3	9
16	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.	3.3	9
17	Size-Controlled Transformation of Cu ₂ O into Zero Valent Copper within the Matrix of Anion Exchangers via Green Chemical Reduction. <i>Polymers</i> , 2020, 12, 2629.	2.0	8
18	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.	0.8	7

#	ARTICLE	IF	CITATIONS
19	Evaluation of ferromagnetic hybrid polymers obtained using cation exchangers. <i>Materials Chemistry and Physics</i> , 2015, 161, 107-115.	2.0	6
20	Cuprite-doped macroreticular anion exchanger obtained by reduction of the Cu(OH) ₂ deposit. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103198.	3.3	6
21	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.	2.3	6
22	Hybrid polymer containing ferric oxides obtained using a redox polymer. Part I. Synthesis and characterization. <i>Polimery</i> , 2014, 59, 131-135.	0.4	4
23	Copper Rich Composite Materials Based on Carboxylic Cation Exchangers and Their Thermal Transformation. <i>Polymers</i> , 2021, 13, 3199.	2.0	2