

Shaimaa T El-Wakeel

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

681
citations

758635

12
h-index

839053

18
g-index

20
all docs

20
docs citations

20
times ranked

954
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of Pb, Cd, Cu and Ni from aqueous solution using nano scale zero valent iron particles. Journal of Environmental Chemical Engineering, 2016, 4, 2196-2206.	3.3	97
2	Synthesis, characterization and adsorption properties of microcrystalline cellulose based nanogel for dyes and heavy metals removal. International Journal of Biological Macromolecules, 2018, 113, 248-258.	3.6	96
3	Removal of toxic metal ions from wastewater using ZnO@Chitosan core-shell nanocomposite. Environmental Nanotechnology, Monitoring and Management, 2018, 9, 67-75.	1.7	76
4	Adsorption of Methylene Blue and Pb ²⁺ by using acid-activated Posidonia oceanica waste. Scientific Reports, 2019, 9, 3356.	1.6	53
5	Remediation of Cd(II) and reactive red 195 dye in wastewater by nanosized gels of grafted carboxymethyl cellulose. Cellulose, 2018, 25, 6645-6660.	2.4	49
6	Removal of Hazardous Contaminants from Water by Natural and Zwitterionic Surfactant-modified Clay. ACS Omega, 2020, 5, 6834-6845.	1.6	49
7	Silver/quartz nanocomposite as an adsorbent for removal of mercury (II) ions from aqueous solutions. Heliyon, 2019, 5, e02415.	1.4	43
8	Biosorption and desorption studies on chromium(VI) by novel biosorbents of raw rutin and rutin resin. Journal of Environmental Chemical Engineering, 2015, 3, 1137-1145.	3.3	42
9	Removal and recovery of Cr (VI) by magnetite nanoparticles. Desalination and Water Treatment, 2014, 52, 6464-6473.	1.0	39
10	Synthesis and structural properties of MnO ₂ as adsorbent for the removal of lead (Pb ²⁺) from aqueous solution. Journal of the Taiwan Institute of Chemical Engineers, 2017, 72, 95-103.	2.7	36
11	Removal of heavy metals from aqueous solution by multiwalled carbon nanotubes: equilibrium, isotherms, and kinetics. Desalination and Water Treatment, 2015, 53, 3521-3530.	1.0	26
12	Bioremediation of potentially toxic metal and reactive dye-contaminated water by pristine and modified Chlorella vulgaris. Environmental Science and Pollution Research, 2020, 27, 21777-21789.	2.7	22
13	Humic acid-carbon hybrid material as lead (II) ions adsorbent. , 0, 74, 216-223.		13
14	Unary and binary adsorption of anionic dye and toxic metal from wastewater using 3-aminopropyltriethoxysilane functionalized porous cellulose acetate microspheres. Microporous and Mesoporous Materials, 2022, 338, 111996.	2.2	10
15	Effects of activation conditions on the structural and adsorption characteristics of pinecones derived activated carbons. Journal of Dispersion Science and Technology, 2019, 40, 140-151.	1.3	8
16	Simultaneous removal of Pb ²⁺ and direct red 31 dye from contaminated water using N-(2-hydroxyethyl)-2-oxo-2H-chromene-3-carboxamide loaded chitosan nanoparticles. RSC Advances, 2022, 12, 18923-18935.	1.7	8
17	Industrial wastewater remediation using Hematite@Chitosan nanocomposite. Egyptian Journal of Aquatic Biology and Fisheries, 2020, 24, 13-29.	0.2	6
18	Mn _{0.2} Co _{0.8} Fe ₂ O ₄ and encapsulated Mn _{0.2} Co _{0.8} Fe ₂ O ₄ /SiO ₂ magnetic nanoparticles for efficient Pb ²⁺ removal from aqueous solution. Water Science and Technology, 2019, 80, 377-386.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Development of Ag@dendrites @Cu nanostructure for removal of selenium (IV) from aqueous solution. Water Environment Research, 2022, 94, e10713.	1.3	4
20	Efficient removal of Pb(II), Hg(II) and As(III) ions by a recyclable low cost magnetic hydroxyapatite nanocomposite from aqueous solution. , 0, 236, 155-163.		0