Mahmoud Osman Abd El-Magied

List of Publications by Year
in descending order

27 papers	824 citations	430874 18 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	595 citing authors

#	Article	IF	Citations
1	Removal of uranium(VI) from aqueous solutions using glycidyl methacrylate chelating resins. Hydrometallurgy, 2009, 95, 183-189.	4.3	161
2	Cellulose and chitosan derivatives for enhanced sorption of erbium(III). Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 580-593.	4.7	59
3	Kinetics and Thermodynamics Studies on the Recovery of Thorium Ions Using Amino Resins with Magnetic Properties. Industrial & Engineering Chemistry Research, 2016, 55, 11338-11345.	3.7	51
4	Uranium extraction by sulfonated mesoporous silica derived from blast furnace slag. Journal of Nuclear Materials, 2018, 509, 295-304.	2.7	45
5	Highly efficient extraction of uranyl ions from aqueous solutions using multi-chelators functionalized graphene oxide. Separation Science and Technology, 2020, 55, 2746-2757.	2.5	40
6	Selective Recovery of Silver(I) Ions from Eâ€Waste using Cubically Multithiolated Cage Mesoporous Monoliths. European Journal of Inorganic Chemistry, 2017, 2017, 4823-4833.	2.0	37
7	Decontamination of radioactive cesium ions using ordered mesoporous monetite. RSC Advances, 2018, 8, 19041-19050.	3.6	37
8	Studies on the recovery of Th(IV) ions from nitric acid solutions using amino-magnetic glycidyl methacrylate resins and application to granite leach liquors. Hydrometallurgy, 2017, 169, 89-98.	4.3	36
9	Selective solid-phase extraction of U(VI) by amine functionalized glycidyl methacrylate. Journal of Environmental Chemical Engineering, 2014, 2, 293-303.	6.7	34
10	Removal of nickel (II) ions from aqueous solutions using modified activated carbon: A kinetic and equilibrium study. Journal of Dispersion Science and Technology, 2018, 39, 862-873.	2.4	34
11	Sorption of Uranium Ions from Their Aqueous Solution by Resins Containing Nanomagnetite Particles. Journal of Engineering (United States), 2016, 2016, 1-11.	1.0	31
12	A chelating resin containing trihydroxybenzoic acid as the functional group: synthesis and adsorption behavior for Th(IV) and U(VI) ions. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1299-1306.	1.5	30
13	Uranium(VI) and Thorium(IV) Adsorption Studies on Chelating Resin Containing Pentaethylenehexamine as a Functional Group. Journal of Dispersion Science and Technology, 2014, 35, 926-933.	2.4	30
14	Biosorption of beryllium from aqueous solutions onto modified chitosan resin: Equilibrium, kinetic and thermodynamic study. Journal of Dispersion Science and Technology, 2018, 39, 1597-1605.	2.4	27
15	Synthesis and characterization of modified sulfonated chitosan for beryllium recovery. International Journal of Biological Macromolecules, 2019, 139, 153-160.	7.5	26
16	Development of Functionalized Activated Carbon for Uranium Removal from Groundwater. International Journal of Environmental Research, 2021, 15, 543-558.	2.3	23
17	Uranium(VI) recovery from its leach liquor using zirconium molybdophosphate composite: kinetic, equilibrium and thermodynamic studies. Journal of Radioanalytical and Nuclear Chemistry, 2020, 323, 549-556.	1.5	21
18	Decontamination of Uranium-Polluted Groundwater by Chemically-Enhanced, Sawdust-Activated Carbon. Colloids and Interfaces, 2017, 1, 2.	2.1	20

#	Article	IF	Citations
19	Uranium removal from aqueous medium using Co0.5Mn0.5Fe2O4 nanoparticles. Journal of Radioanalytical and Nuclear Chemistry, 2021, 327, 745-753.	1.5	20
20	Mesoporous Al₂O₃ derived from blast furnace slag as a cost-effective adsorbent for U(VI) removal from aqueous solutions. International Journal of Environmental Analytical Chemistry, 2023, 103, 2948-2964.	3.3	16
21	Chitosan Functionalized with Carboxyl Groups as a Recyclable Biomaterial for the Adsorption of Cu (II) and Zn (II) Ions in Aqueous Media. International Journal of Molecular Sciences, 2022, 23, 2396.	4.1	15
22	Fabrication of Silica Microspheres (HB/A@SI-MNS) for Hafnium and Zirconium Recovery from Zirconyl Leach Liquor. Colloids and Interfaces, 2018, 2, 14.	2.1	9
23	Industrial by-product utilized synthesis of mesoporous aluminum silicate sorbent for thorium removal. Korean Journal of Chemical Engineering, 2021, 38, 2365-2374.	2.7	9
24	A facile and cost-effective adsorbent derived from industrial iron-making slag for uranium removal. Journal of Radioanalytical and Nuclear Chemistry, 2021, 329, 1291-1300.	1.5	8
25	The influence of cobalt manganese ferrite nanoparticles (Co0.5Mn0.5Fe2O4) on reduction of hazardous effects of vanadate in adult rats. Toxicology Research, 2020, 9, 81-90.	2.1	3
26	Electro-analytical sensing of anti-hypotensive agents: application to dosage forms and human urine. Toxicology Research, 2022, 11, 245-254.	2.1	1
27	High adsorption performance of Cr(VI) ions from the electroplating waste solution using surfaceâ€modified porous poly 2â€((methacryloxy)methyl)oxirane polymers. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	1.2	1