

Ahmed M Donia

List of Publications by Year in descending order

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31
papers

2,029
citations

361045

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Recovery of gold(III) and silver(I) on a chemically modified chitosan with magnetic properties. Hydrometallurgy, 2007, 87, 197-206.	1.8	208
2	Selective separation of mercury(II) using magnetic chitosan resin modified with Schiff's base derived from thiourea and glutaraldehyde. Journal of Hazardous Materials, 2008, 151, 372-379.	6.5	203
3	Removal of uranium(VI) from aqueous solutions using glycidyl methacrylate chelating resins. Hydrometallurgy, 2009, 95, 183-189.	1.8	161
4	Effect of structural properties of acid dyes on their adsorption behaviour from aqueous solutions by amine modified silica. Journal of Hazardous Materials, 2009, 161, 1544-1550.	6.5	158
5	Adsorption/desorption behavior of acid orange 10 on magnetic silica modified with amine groups. Chemical Engineering Journal, 2009, 150, 55-62.	6.6	156
6	Selective separation of mercury (II) using a synthetic resin containing amine and mercaptan as chelating groups. Reactive and Functional Polymers, 2005, 65, 267-275.	2.0	120
7	Removal of some hazardous heavy metals from aqueous solution using magnetic chelating resin with iminodiacetate functionality. Separation and Purification Technology, 2008, 61, 348-357.	3.9	102
8	Adsorption of Ag(I) on glycidyl methacrylate/N,N- ϵ -methylene bis-acrylamide chelating resins with embedded iron oxide. Separation and Purification Technology, 2006, 48, 281-287.	3.9	101
9	Studies on uptake behaviour of copper(II) and lead(II) by amine chelating resins with different textural properties. Separation and Purification Technology, 2003, 33, 295-301.	3.9	92
10	Synthesis of amine and thio chelating resins and study of their interaction with zinc(II), cadmium(II) and mercury(II) ions in their aqueous solutions. Reactive and Functional Polymers, 2003, 56, 75-82.	2.0	91
11	Adsorption behaviour of non-transition metal ions on a synthetic chelating resin bearing iminoacetate functions. Separation and Purification Technology, 2005, 43, 43-48.	3.9	84
12	Uptake studies of copper(II) on glycidyl methacrylate chelating resin containing Fe ₂ O ₃ particles. Separation and Purification Technology, 2006, 49, 64-70.	3.9	75
13	Efficient removal of Hg(II) using magnetic chelating resin derived from copolymerization of bithiourea/thiourea/glutaraldehyde. Separation and Purification Technology, 2008, 60, 46-53.	3.9	66
14	Removal of Mo(VI) as oxoanions from aqueous solutions using chemically modified magnetic chitosan resins. Hydrometallurgy, 2009, 97, 21-28.	1.8	65
15	Comparative study of the recovery of silver(I) from aqueous solutions with different chelating resins derived from glycidyl methacrylate. Journal of Applied Polymer Science, 2005, 97, 806-812.	1.3	52
16	Synthesis of magnetic chelating resins functionalized with tetraethylenepentamine for adsorption of molybdate anions from aqueous solutions. Journal of Hazardous Materials, 2008, 155, 100-108.	6.5	52
17	Fast kinetic and efficient removal of As(V) from aqueous solution using anion exchange resins. Journal of Hazardous Materials, 2011, 191, 1-7.	6.5	50
18	Effect of Chain Length of Aliphatic Amines Immobilized on a Magnetic Glycidyl Methacrylate Resin towards the Uptake Behavior of Hg(II) from Aqueous Solutions. Separation Science and Technology, 2007, 42, 403-420.	1.3	43

#	ARTICLE	IF	CITATIONS
19	Preparation and Characterization of Modified Cellulose Adsorbents with High Surface Area and High Adsorption Affinity for Hg(II). Journal of Dispersion Science and Technology, 2014, 35, 380-389.	1.3	26
20	Efficient Adsorption of Cu(II) and Hg(II) from their Aqueous Solutions Using Amine Functionalized Cellulose. Journal of Dispersion Science and Technology, 2013, 34, 1230-1239.	1.3	20
21	Swelling and metal ion uptake characteristics of kaolinite containing poly [(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	1.0	19
22	Efficient adsorption of Ag(⊕) and Au(⊕⊕⊕) on modified magnetic chitosan with amine functionalities. Desalination and Water Treatment, 2014, 52, 2537-2547.	1.0	18
23	Comparative study on the adsorption of malathion pesticide by different adsorbents from aqueous solution. Desalination and Water Treatment, 2012, 47, 300-309.	1.0	16
24	Adsorption of Silver and Gold Ions from their Aqueous Solutions using a Magnetic Chelating Resin Derived from a Blend of Bisthiourea/Thiourea/Glutaraldehyde. Separation Science and Technology, 2014, 49, 2039-2048.	1.3	10
25	Selective Separation of Uranium(VI), Thorium(IV), and Lanthanum(III) from Their Aqueous Solutions using a Chelating Resin Containing Amine Functionality. Journal of Dispersion Science and Technology, 2011, 32, 1673-1681.	1.3	9
26	Adsorption of Mercury(II) on Amidoxime Chelating Resins with Magnetic Properties. Journal of Dispersion Science and Technology, 2009, 30, 451-458.	1.3	8
27	Effect of Crosslinker Type and Embedded Magnetite on the Uptake Behavior of Amine Containing Glycidyl Methacrylate Resins towards Iron(III). Separation Science and Technology, 2008, 43, 403-419.	1.3	6
28	Selective Separation of Hg ²⁺ on Modified Crosslinked Chitosan Beads Enriched with Amine Groups. Separation Science and Technology, 2011, 46, 1638-1646.	1.3	6
29	Efficient adsorption of malathion from different media using thermally treated kaolinite. Desalination and Water Treatment, 2011, 30, 178-185.	1.0	6
30	Fast removal of Cu(II) and Hg(II) from aqueous solutions using kaolinite containing glycidyl methacrylate resin. Desalination and Water Treatment, 2011, 30, 254-265.	1.0	4
31	Fast and Efficient Uptake of Fe(III) from Aqueous Solutions Using Magnetic Functionalized Cellulose. Journal of Dispersion Science and Technology, 2015, 36, 898-907.	1.3	2