

Mohamed M Hassanien

List of Publications by Year in descending order

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36
papers

697
citations

471061

17
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580395

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36
all docs

36
docs citations

36
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterisation of morin-functionalised silica gel for the enrichment of some precious metal ions. <i>Talanta</i> , 2006, 68, 1550-1559.	2.9	74
2	Application of Mesoporous Silica Nanoparticles Modified with Dibenzoylmethane as a Novel Composite for Efficient Removal of Cd(II), Hg(II), and Cu(II) Ions from Aqueous Media. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2182-2196.	1.9	64
3	Study of organically-modified montmorillonite clay for the removal of copper(II). <i>Journal of Hazardous Materials</i> , 2010, 184, 654-661.	6.5	42
4	A cloud point extraction procedure for gallium, indium and thallium determination in liquid crystal display and sediment samples. <i>Analytical Methods</i> , 2015, 7, 2114-2120.	1.3	35
5	Solid Phase Extraction and Preconcentration of Trace Gallium, Indium, and Thallium Using New Modified Amino Silica. <i>Applied Spectroscopy</i> , 2017, 71, 288-299.	1.2	32
6	Cloud point extraction of some precious metals using Triton X-114 and a thioamide derivative with a salting-out effect. <i>Egyptian Journal of Basic and Applied Sciences</i> , 2014, 1, 184-191.	0.2	30
7	Nickel(II) diacetyl monoxime-2-pyridyl hydrazone complex can inhibit Ehrlich solid tumor growth in mice: A potential new antitumor drug. <i>Biochemical and Biophysical Research Communications</i> , 2017, 484, 579-585.	1.0	28
8	Immobilization of methylene blue onto bentonite and its application in the extraction of mercury (II). <i>Journal of Hazardous Materials</i> , 2010, 178, 94-100.	6.5	25
9	Extraction of gallium, indium and thallium from aquatic media using amino silica gel modified by gallic acid. <i>Mikrochimica Acta</i> , 2011, 172, 137-145.	2.5	25
10	Mixed micelle-mediated extraction approach for matrix elimination and separation of some rare earth elements. <i>Microchemical Journal</i> , 2016, 127, 125-132.	2.3	23
11	Selective separation of palladium from synthetic highly active liquid waste by cloud point extraction using benzil mono-(2-pyridyl)hydrazone and Triton X-114. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 261-269.	0.7	21
12	Controlled-pore Silica Glass Modified with N-Propylsalicylaldimine for the Separation and Preconcentration of Trace Al(III), Ag(I) and Hg(II) in Water Samples. <i>Analytical Sciences</i> , 2003, 19, 1151-1156.	0.8	20
13	Regression of murine Ehrlich ascites carcinoma using synthesized cobalt complex. <i>MedChemComm</i> , 2017, 8, 1103-1111.	3.5	20
14	Mixed micelle-mediated extraction of alizarin red S complexes of Zr(IV) and Hf(IV) ions prior to their determination by inductively coupled plasma-optical emission spectrometry. <i>Analytical Methods</i> , 2013, 5, 5234.	1.3	18
15	Synthesis of Controlled Pore Silica Glass Functionalized with Quercetin and Its Application for the Separation and Preconcentration of Mn(II), Co(II), Ni(II), Cu(II), and Zn(II). <i>Separation Science and Technology</i> , 2005, 39, 1177-1201.	1.3	17
16	FAAS determination of palladium after its selective recovery by silica modified with hydrazone derivative. <i>Mikrochimica Acta</i> , 2009, 167, 81-89.	2.5	17
17	Application of Cloud Point Extraction for Cadmium in Biological Samples of Occupationally Exposed Workers: Relation Between Cadmium Exposure and Renal Lesion. <i>Biological Trace Element Research</i> , 2015, 168, 303-310.	1.9	17
18	The selective separation of thorium from uranyl ions using ultrasonic-assisted solidified floating organic drop microextraction. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 1306-1312.	1.6	16

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19	A New Selective Chromogenic Reagent for the Spectrophotometric Determination of Thallium(I) and (III) and Its Separation Using Flotation and the Solid-Phase Extraction on Polyurethane Foam. <i>Analytical Sciences</i> , 2003, 19, 1269-1275.	0.8	14
20	Silica glass modified with flavonoid derivatives for preconcentration of some toxic metal ions in water samples and their determination with ICP-MS. <i>Environmental Monitoring and Assessment</i> , 2010, 167, 587-598.	1.3	13
21	Selective separation of palladium (II) from precious metal ions using thiosemicarbazone derivatives from acidic media by solid phase and solvent extractions. <i>Desalination and Water Treatment</i> , 2010, 16, 329-338.	1.0	13
22	The new iron(III) 3-(oxo- π -N-(pyridin-2-yl)butanamide complex promotes Ehrlich solid tumor regression in mice via induction of apoptosis. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5282.	1.7	12
23	Synthesis and characterization of Hg(II) and Cd(II) complexes derived from the novel acenaphthaquinone-4-phenyl thiosemicarbazone and its CPE application. <i>Egyptian Journal of Basic and Applied Sciences</i> , 2016, 3, 106-117.	0.2	11
24	Iron(III) diacetylmonoxime-2-hydrazinopyridine complex: A new prospective antitumor drug. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3684.	1.7	11
25	A New Thioamide Derivative for Separation and Preconcentration of Multi Elements in Aquatic Environment by Cloud Point Extraction. <i>American Journal of Analytical Chemistry</i> , 2011, 02, 697-709.	0.3	10
26	Mixed Micelle-mediated Extraction and Separation of Scandium from Yttrium and Some Lanthanide Ions. <i>Analytical Sciences</i> , 2016, 32, 395-400.	0.8	10
27	Application of mixed micelle-mediated extraction for selective separation and determination of Ti(IV) in geological and water samples. <i>Microchemical Journal</i> , 2016, 124, 149-154.	2.3	10
28	pH-controlled mixed micelle cloud point extraction for selective removal of trace levels of iron from titanium concentrates. <i>Separation and Purification Technology</i> , 2021, 265, 118534.	3.9	10
29	Schiff base 4-ethyl-1-(pyridin-2-yl) thiosemicarbazide up-regulates the antioxidant status and inhibits the progression of Ehrlich solid tumor in mice. <i>Biochemical and Biophysical Research Communications</i> , 2021, 573, 42-47.	1.0	10
30	Eco-friendly dispersive liquid-liquid microextraction procedure based on solidification of floated organic drop coupled with back-extraction for preconcentration of rare earth elements. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-15.	1.8	9
31	Separation and Preconcentration of Zirconium and/or Hafnium Using Alizarine Red S Immobilized on Natural or Polymeric Support. <i>Separation Science and Technology</i> , 2005, 40, 1621-1634.	1.3	8
32	Synthesis, characterization, and antitumor activity of a new iron-rifampicin complex: A novel prospective antitumor drug. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101671.	1.4	8
33	Selective Separation and Preconcentration of Total Tin Using Quercetin as Chelating Agent. <i>Separation Science and Technology</i> , 2007, 42, 3447-3463.	1.3	7
34	Cloud point extraction of Pd(II), Au(III), and Ag(I) prior to their determination by graphite furnace atomic absorption spectrometry. <i>Canadian Journal of Chemistry</i> , 2013, 91, 1219-1224.	0.6	7
35	Molecular Modeling of 4-Ethyl-1-(pyridin-2-yl)thiosemicarbazide and its Cu(II) Complex Utilized for Separation of Cu(II) from Water Samples. <i>Journal of Chemical & Engineering Data</i> , 2009, 54, 1277-1283.	1.0	6
36	Palladium(II) Schiff base complex arrests cell cycle at early stages, induces apoptosis, and reduces Ehrlich solid tumor burden: a new candidate for tumor therapy. <i>Investigational New Drugs</i> , 2022, 40, 681-689.	1.2	4