Alireza Banaei

List of Publications by Year
in descending order

29 papers	497 citations	687363 13 h-index	677142 22 g-index
29 all docs	29 docs citations	29 times ranked	693 citing authors

#	Article	IF	Citations
1	Spectral, Structural, and Antibacterial Study of Copper(II) Complex with N2O2 Donor Schiff Base Ligand and Its Usage in Preparation of CuO Nanoparticles. Journal of Chemistry, 2022, 2022, 1-13.	1.9	3
2	A Thermal-Responsive Y-Shaped Miktoarm Amphiphilic Block Copolymer Composed of Poly(Îµ-caprolactone) and Poly(N-isopropylacrylamide) as a Nano-micellar Carrier for Anti-cancer Drugs. Polymer Science - Series B, 2020, 62, 540-549.	0.8	6
3	Schiff base complexes of Mo(VI) immobilized on functionalized graphene oxide nano-sheets for the catalytic epoxidation of alkenes. Journal of Coordination Chemistry, 2019, 72, 3401-3416.	2.2	10
4	2,2â€™-(butane-1,4-diylbis(oxy))dibenzaldehyde cross-linked magnetic chitosan nanoparticles as a new adsorbent for the removal of reactive red 239 from aqueous solutions. Materials Chemistry and Physics, 2018, 212, 1-11.	4.0	27
5	Crystal structure, antibacterial activity and nanoparticles of Cd(II) complex derived from dithiophosphonate ligand. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 369-374.	1.6	7
6	A novel dicationic ionic liquid as a highly effectual and dual-functional catalyst for the synthesis of 3-methyl-4-arylmethylene-isoxazole-5(4H)-ones. Research on Chemical Intermediates, 2018, 44, 6253-6266.	2.7	35
7	Adsorption equilibrium and thermodynamics of anionic reactive dyes from aqueous solutions by using a new modified silica gel with 2,2â€²-(pentane-1,5-diylbis(oxy))dibenzaldehyde. Chemical Engineering Research and Design, 2017, 123, 50-62.	5.6	32
8	Synthesis of silica gel modified with 2,2â€²-(hexane-1,6-diylbis(oxy)) dibenzaldehyde as a new adsorbent for the removal of Reactive Yellow 84 and Reactive Blue 19 dyes from aqueous solutions: Equilibrium and thermodynamic studies. Powder Technology, 2017, 319, 60-70.	4.2	48
9	Synthesis, characterization, and molecular structures of Ni(II) and Cd(II) complexes derived from dithiophosphonate. Heteroatom Chemistry, 2017, 28, e21367.	0.7	0
10	Extraction of gold, palladium and silver ions using organically modified silica-coated magnetic nanoparticles and silica gel as a sorbent. Mikrochimica Acta, 2017, 184, 3859-3866.	5.0	47
11	Ultrasound irradiation promoted synthesis of bispyrimidine and bispyrazolines as selective adsorbents for the selective removal of Ag(I) and Pb(II) from aqueous solutions. Monatshefte FÃ¼r Chemie, 2017, 148, 683-690.	1.8	3
12	Green synthesis of novel isatin thioketal derivatives under solvent-free conditions. Green Chemistry Letters and Reviews, 2017, 10, 1-9.	4.7	5
13	An innovative method for analysis of Pb (II) in rice, milk and water samples based on TiO2 reinforced caprylic acid hollow fiber solid/liquid phase microextraction. Food Chemistry, 2017, 221, 1904-1910.	8.2	38
14	Fe₃O₄â€“PVAc nanocomposites: surface modification of sonochemically prepared magnetite nanoparticles via chemical grafting of poly(vinyl acetate). RSC Advances, 2016, 6, 48676-48683.	3.6	25
15	Synthesis, characterization, and molecular structures of Ni(II) and Cd(II) complexes derived from dithiophosphonate. Heteroatom Chemistry, 2016, 27, 353-360.	0.7	5
16	Selective Separation of Silver(I) Ion Through a Bulk Liquid Membrane Containing 1,1'-(1,3-Phenylene)bis(3-allylthiourea) as Carrier. Journal of the Brazilian Chemical Society, 2015, , .	0.6	2
17	Hybrid Au/Pd nanoparticles as reusable catalysts for Heck coupling reactions in water under aerobic conditions. Tetrahedron Letters, 2015, 56, 500-503.	1.4	30
18	QSAR study of prolylcarboxypeptidase inhibitors by genetic algorithm: Multiple linear regressions. Journal of Chemical Sciences, 2015, 127, 1243-1251.	1.5	4

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19	One-pot and two-step synthesis of novel carbonylthioureas and dicarbonyldithioureas derivatives. Journal of Molecular Structure, 2015, 1099, 427-431.	3.6	6
20	Synthesis and characterization of new modified silica coated magnetite nanoparticles with bisaldehyde as selective adsorbents of Ag(<scp>i</scp>) from aqueous samples. RSC Advances, 2015, 5, 83304-83313.	3.6	25
21	[PMIM]Br@TiO2 nanocomposite reinforced hollow fiber solid/liquid phase microextraction: An effective extraction technique for measurement of benzodiazepines in hair, urine and wastewater samples combined with high-performance liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 980, 55-64.	2.3	31
22	Design of a novel optical sensor for determination of trace amounts of copper by UV/vis spectrophotometry in the real samples. Journal of Industrial and Engineering Chemistry, 2015, 26, 370-374.	5.8	41
23	Prediction of PCE of fullerene (C 60) derivatives as polymer solar cell acceptors by genetic algorithmâ€“multiple linear regression. Journal of Industrial and Engineering Chemistry, 2015, 21, 1058-1067.	5.8	13
24	Carbon nanoparticles with tosyl functional group for distinguishing voltammetric peaks of ascorbic acid and uric acid. Materials Science and Engineering C, 2015, 47, 189-195.	7.3	10
25	QSAR study of mGlu5 inhibitors by genetic algorithm-multiple linear regressions. Medicinal Chemistry Research, 2014, 23, 3082-3091.	2.4	7
26	Simultaneous spectrophotometric determination of ceftazidime and sulbactam using multivariate calibration methods. RSC Advances, 2014, 4, 41039-41044.	3.6	17
27	Epoxidation of cyclooctene by host (nanocavity of zeolite-Y) guest (copper(II) complexes with 16- and) Tj ETQq1 1 0.784314 rgBT /Over Chemistry, 2013, 66, 2129-2140.	2.2	12
28	Quantitative Structure-Activity Relationship Study of Amino Acid Derivatives as Histone Deacetylase Inhibitors using the Genetic Algorithm â€“ Multiple Linear Regression. Analytical Chemistry Letters, 2012, 2, 33-43.	1.0	2
29	Prediction of antibacterial activity of pleuromutilin derivatives by genetic algorithmâ€“multiple linear regression (GAâ€“MLR). Monatshefte FÃ¼r Chemie, 2010, 141, 577-588.	1.8	6