

Reza Azadbakht

List of Publications by Year in descending order

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47
papers

868
citations

516710

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501196

28
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48
all docs

48
docs citations

48
times ranked

1088
citing authors

#	ARTICLE	IF	CITATIONS
1	A new tetramine bis(2-naphthol)-derivative fluorescent chemosensor for aluminum ion (Al ³⁺). Journal of Molecular Structure, 2022, 1250, 131775.	3.6	5
2	Salicylimine-based fluorescent chemosensor for magnesium ions in aqueous solution. Inorganica Chimica Acta, 2021, 514, 120021.	2.4	17
3	Preparation of a new fluorescence nanochemosensor for Sn(II) ions by a modified nanoprecipitation method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 250, 119236.	3.9	8
4	Synthesis and characterization of a new piperazine containing macrocyclic ligand and its Cu(ii) and Co(ii) complexes: An investigation of the ligand's silver specific fluorescent properties. Journal of Molecular Structure, 2021, 1232, 130024.	3.6	6
5	Niâ€“citric acid coordination polymer as a practical catalyst for multicomponent reactions. Scientific Reports, 2021, 11, 24475.	3.3	27
6	Deposited Silver Nanoparticles on Commercial Copper by Galvanic Displacement as an Effective Catalyst for the Reduction of 4â€“Nitrophenol in Aqueous Solution. Catalysis Letters, 2020, 150, 3214-3222.	2.6	6
7	Fluorescent organic nanoparticles with enhanced fluorescence by self-aggregation and their application for detection of Fe ³⁺ ions. New Journal of Chemistry, 2018, 42, 5929-5936.	2.8	13
8	A new fluorescent macrocyclic nano-chemosensor for Fe ³⁺ and Iâ€“ in aqueous solution. New Journal of Chemistry, 2018, 42, 17690-17699.	2.8	11
9	Multi experimental and computational studies for DNA and HSA interaction of new nano-scale ultrasound-assisted synthesized Pd(II) complex as a potent anticancer drug. Journal of Molecular Liquids, 2018, 264, 386-397.	4.9	14
10	Schiff Base-Functionalized Multi Walled Carbon Nano Tubes to Immobilization of Palladium Nanoparticles as Heterogeneous and Recyclable Nanocatalyst for Suzuki Reaction in Aqueous Media Under Mild Conditions. Catalysis Letters, 2017, 147, 976-986.	2.6	34
11	Synthesis, characterization, crystal structure and DNA, HSA-binding studies of four Schiff base complexes derived from salicylaldehyde and isopropylamine. Inorganica Chimica Acta, 2017, 466, 48-60.	2.4	27
12	Studies of DNA- and HSA-binding properties of new nano-scale green synthesized Ni (II) complex as anticancer agent using spectroscopic methods, viscosity measurement, molecular docking, MD simulation and QM/MM. Journal of Molecular Liquids, 2017, 248, 24-35.	4.9	24
13	A new macrocyclic ligand as a turn-on fluorescent chemosensor for the recognition of Pb ²⁺ ions. New Journal of Chemistry, 2017, 41, 12198-12204.	2.8	9
14	A new fluorescence chemosensor for Zn ²⁺ with a remarkable red shift in emission spectra. Analytical Methods, 2017, 9, 4688-4694.	2.7	15
15	Synthesis and characterization of a new organic nanoparticle as fluorescent chemosensor for aluminum ions. Inorganica Chimica Acta, 2016, 453, 728-734.	2.4	13
16	Novel Schiff base Mn(iii) and Co(ii) complexes supported on Co nanoparticles: efficient and recyclable magnetic nanocatalysts for alcohol oxidation. RSC Advances, 2016, 6, 77020-77029.	3.6	10
17	A new fluorescent chemosensor for Pb ²⁺ ions based on naphthalene derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 145, 575-579.	3.9	19
18	Synthesis, characterization, reactivity and catalytic activity of a novel chiral manganese Schiff base complex. New Journal of Chemistry, 2015, 39, 6459-6464.	2.8	3

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19	A novel fluorescent nano-chemosensor for cesium ions based on naphthalene macrocyclic derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 279-285.	3.9	10
20	Synthesis, characterization and X-ray crystal structures of Vanadium(IV), Cobalt(III), Copper(II) and Zinc(II) complexes derived from an asymmetric bidentate Schiff-base ligand at ambient temperature. <i>Journal of Molecular Structure</i> , 2015, 1081, 494-505.	3.6	50
21	C(sp ²)â€“C(sp ²) cross coupling reaction catalyzed by a water-stable palladium complex supported onto nanomagnetite particles. <i>New Journal of Chemistry</i> , 2015, 39, 439-444.	2.8	58
22	A new fluorescent chemosensor for Al ³⁺ ion based on schiff base naphthalene derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 127, 329-334.	3.9	43
23	A novel fluorescent nano-chemosensor for Al(III) ions using a new macrocyclic receptor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 124, 249-255.	3.9	16
24	A highly sensitive and selective offâ€“on fluorescent chemosensor for Al ³⁺ based on naphthalene derivative. <i>Inorganic Chemistry Communication</i> , 2013, 30, 21-25.	3.9	37
25	A new asymmetric Schiff base system as fluorescent chemosensor for Al ³⁺ ion. <i>Inorganic Chemistry Communication</i> , 2013, 33, 63-67.	3.9	76
26	A novel aluminum-sensitive fluorescent nano-chemosensor based on naphthalene macrocyclic derivative. <i>Tetrahedron</i> , 2013, 69, 3206-3211.	1.9	36
27	Synthesis, characterization, and electrochemical study of some novel, azo-containing Schiff bases and their Ni(II) complexes. <i>Dyes and Pigments</i> , 2013, 98, 499-506.	3.7	56
28	An Efficient and Green Procedure for Synthesis of Pyrrole Derivatives by Paalâ€“Knorr Condensation Using Sodium Dodecyl Sulfate in Aqueous Micellar. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, E241.	2.6	15
29	Synthesis and Characterization of Bis-quinazolines from Linear Tetra-amines Involving 2-(Aminomethyl)benzenamine with Aldehydes. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 979-981.	2.6	0
30	Bis(triethylammonium) tetrachloridocobaltate(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m859-m859.	0.2	3
31	Preconcentration and determination of Pb(ii), Cu(ii) and Cd(ii) ions on octadecyl silica membrane disk modified with 2-mercapto-benzoimidazole by flame atomic absorption spectrometry. <i>Analytical Methods</i> , 2012, 4, 2318.	2.7	6
32	Determination of cadmium(II) ion by atomic absorption spectrometry after cloud point extraction. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 251-256.	2.2	42
33	A new Schiff base system bearing two naphthalene groups as fluorescent chemodosimeter for Zn ²⁺ ion and its logic gate behavior. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 85, 293-297.	3.9	31
34	Synthesis and characterization of two new fluorescent macrocycles: A novel fluorescent chemosensor for zinc ion. <i>Journal of Luminescence</i> , 2012, 132, 1860-1866.	3.1	26
35	Nontemplate Synthesis of Two Novel 23-Membered N ₃ O ₄ -Donor Macrocycles. <i>Synthetic Communications</i> , 2011, 41, 528-532.	2.1	7
36	Highly selective fluorescent recognition of Zn ²⁺ based on naphthalene macrocyclic derivative. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 82, 200-204.	3.9	31

