## Reza Azadbakht

List of Publications by Year in descending order

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47 papers 868 citations

16 h-index 28 g-index

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 (Al3+). 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 macroacyclic 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	Ni–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 4‑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 <sup>3+</sup> ions. New Journal of Chemistry, 2018, 42, 5929-5936.	2.8	13
8	A new fluorescent macrocyclic nano-chemosensor for Fe3+ and $l\hat{a}^{\prime}$ 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 <sup>2+</sup> ions. New Journal of Chemistry, 2017, 41, 12198-12204.	2.8	9
14	A new fluorescence chemosensor for Zn <sup>2+</sup> 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

#	Article	IF	Citations
19	A novel fluorescent nano-chemosensor for cesium ions based on naphthalene macrocyclic derivative. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 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. Journal of Molecular Structure, 2015, 1081, 494-505.	3.6	50
21	C(sp <sup>2</sup> )–C(sp <sup>2</sup> ) cross coupling reaction catalyzed by a water-stable palladium complex supported onto nanomagnetite particles. New Journal of Chemistry, 2015, 39, 439-444.	2.8	58
22	A new fluorescent chemosensor for Al3+ ion based on schiff base naphthalene derivatives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 127, 329-334.	3.9	43
23	A novel fluorescent nano-chemosensor for Al(III) ions using a new macrocyclic receptor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 124, 249-255.	3.9	16
24	A highly sensitive and selective off–on fluorescent chemosensor for Al3+ based on naphthalene derivative. Inorganic Chemistry Communication, 2013, 30, 21-25.	3.9	37
25	A new asymmetric Schiff base system as fluorescent chemosensor for Al3+ ion. Inorganic Chemistry Communication, 2013, 33, 63-67.	3.9	76
26	A novel aluminum-sensitive fluorescent nano-chemosensor based on naphthalene macrocyclic derivative. Tetrahedron, 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. Dyes and Pigments, 2013, 98, 499-506.	3.7	56
28	An Efficient and Green Procedure for Synthesis of Pyrrole Derivatives by Paal–Knorr Condensation Using Sodium Dodecyl Sulfate in Aqueous Micellar. Journal of Heterocyclic Chemistry, 2013, 50, E241.	2.6	15
29	Synthesis and Characterization of Bis-quinazolines from Linear Tetra-amines Involving 2-(Aminomethyl)benzenamine with Aldehydes. Journal of Heterocyclic Chemistry, 2013, 50, 979-981.	2.6	0
30	Bis(triethylammonium) tetrachloridocobaltate(II). Acta Crystallographica Section E: Structure Reports Online, 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. Analytical Methods, 2012, 4, 2318.	2.7	6
32	Determination of cadmium(II) ion by atomic absorption spectrometry after cloud point extraction. Journal of the Iranian Chemical Society, 2012, 9, 251-256.	2.2	42
33	A new Schiff base system bearing two naphthalene groups as fluorescent chemodosimeter for Zn2+ ion and its logic gate behavior. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 85, 293-297.	3.9	31
34	Synthesis and characterization of two new fluorescent macrocycles: A novel fluorescent chemosensor for zinc ion. Journal of Luminescence, 2012, 132, 1860-1866.	3.1	26
35	Nontemplate Synthesis of Two Novel 23-Membered N <sub>3</sub> O <sub>4</sub> -Donor Macrocycles. Synthetic Communications, 2011, 41, 528-532.	2.1	7
36	Highly selective fluorescent recognition of Zn2+ based on naphthalene macrocyclic derivative. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 82, 200-204.	3.9	31

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37	Bis[2-(2-aminoethylamino)ethanol]copper(II) dinitrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1203-m1203.	0.2	3
38	2-[1-(3-{2-[(2-Hydroxybenzylidene)amino]phenoxy}propyl)-1H-1,3-benzodiazol-2-yl]phenol. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o657-o658.	0.2	0
39	1-[((E)-{2-[(2-Nitrobenzyl)(2-{[(E)-(2-oxidonaphthalen-1-yl)methylidene]azaniumyl}ethyl)amino]ethyl}azaniumyl monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3321-o3321.	dene)met 0.2	hyl]naphthal
40	[(Z)-1-({3-[(3-Aminopropyl)(2-nitrobenzyl)amino]propyl}iminomethyl)naphthalen-2-olato]copper(II) perchlorate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1748-m1748.	0.2	0
41	Four Novel 30-Membered Imine and Amine Macrocycles Derived from <i>Ortho</i> -Aminophenyl Diamines. Synthetic Communications, 2010, 40, 1486-1491.	2.1	4
42	Characterisation of novel macroacyclic hexadentate (N <sub>4</sub> O <sub>2</sub> and) Tj ETQq0 0 0 rgBT /O complexes, with ligands derived from reduction. Journal of Chemical Research, 2009, 2009, 361-365.	verlock 10 1.3	Tf 50 547 To
43	Synthesis and characterization of nickel(II) complexes with three potentially hexadentate Schiff-base ligands and polyamines: X-ray crystal structure determination of one nickel(II) complex. Transition Metal Chemistry, 2009, 34, 835-839.	1.4	8
44	Synthesis, characterization and X-ray structural determination of a stable dication derived from symmetrical ortho-aminophenyl diamine and 2-pyridinecarboxaldehyde. Tetrahedron Letters, 2009, 50, 169-171.	1.4	6
45	Synthesis and characterization of three Cd(II) Schiff-base macrocyclic N3O2 complexes. Polyhedron, 2008, 27, 648-654.	2.2	12
46	Synthesis of two new tripodal ligands and their cyclocondensation with 2-[2-(2-formylphenoxy)ethoxy]benzaldehyde in the presence of manganese(II) and cadmium(II) metal ions. Polyhedron, 2008, 27, 1631-1638.	2.2	8
47	Synthesis, crystal structure and spectroscopic properties of some cadmium(II) complexes with three polyamine and corresponding macroacyclic Schiff base ligands. Journal of Organometallic Chemistry, 2008, 693, 2237-2243.	1.8	13