Zahra Mardani

List of Publications by Year
in descending order

49 papers	647 citations	471509 17 h-index	642732 23 g-index
49 all docs	49 docs citations	49 times ranked	425 citing authors

#	Article	IF	Citations
1	Biosynthesis and cytotoxic activity of lead oxide nanoparticles. Green Chemistry Letters and Reviews, 2018, 11, 567-572.	4.7	48
2	Green synthesis of labeled CeO2 nanoparticles with 99mTc and its biodistribution evaluation in mice. Life Sciences, 2018, 212, 233-240.	4.3	40
3	Microwave-assisted template synthesis of diazacyclam-based macrocyclic copper complex and forming octahedral, square planar and square pyramidal geometries by ion exchanging and introducing a novel 2D square-grid copperâ€“mercury coordination polymer. Polyhedron, 2014, 70, 92-100.	2.2	35
4	Treatment of cadmium(II) and zinc(II) with N2-donor linkages in presence of Î²-diketone ligand; supported by structural, spectral, theoretical and docking studies. Inorganica Chimica Acta, 2018, 482, 717-725.	2.4	35
5	Anticancer activities of a Î²-amino alcohol ligand and nanoparticles of its copper(<scp>ii</scp>) and zinc(<scp>ii</scp>) complexes evaluated by experimental and theoretical methods. RSC Advances, 2018, 8, 28810-28824.	3.6	33
6	Coordination geometries and crystal structures of cadmium(II) complexes with a new amino alcohol (NNâ€²O) ligand. Journal of Coordination Chemistry, 2012, 65, 2221-2233.	2.2	31
7	Coordination behavior of dimethyl pyridine-2,6-dicarboxylate towards mercury(II), cadmium(II) and chromium(III) in the solid- and gaseous state supported by CSD studies. Polyhedron, 2015, 102, 569-577.	2.2	31
8	Silver(I) coordination polymer and nine-coordinated cadmium(II) complex with dimethyl pyridine-2,6-dicarboxylate supported by solid state and electrochemical studies. Journal of Coordination Chemistry, 2013, 66, 1129-1141.	2.2	27
9	Palladium, cadmium and mercury complexes of 2-((2-((2-hydroxyethyl)amino)ethyl)amino)cyclohexanol: Synthesis, structural, spectral and solution studies. Polyhedron, 2014, 67, 27-35.	2.2	27
10	Complexation to Cadmium(II) of a Tetradentate Ligand Resulting from the Condensation of 2-Pyridinecarbaldehyde with N-(2- Aminoethyl)propane-1,3-diamine. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 267-271.	0.7	24
11	Theoretical and experimental investigation of anticancer activities of an acyclic and symmetrical compartmental Schiff base ligand and its Co(<scp>ii</scp>), Cu(<scp>ii</scp>) and Zn(<scp>ii</scp>) complexes. RSC Advances, 2018, 8, 35625-35639.	3.6	24
12	Crystal Structure and Characterization of a New Eight Coordinated Cadmium Complex. Journal of the Korean Chemical Society, 2013, 57, 352-356.	0.2	23
13	Synthesis, Crystallographic and Spectral Characterization of a Cadmium Chloride Complex Containing a Novel Imidazo[1,5-a]Pyridine Derivative. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 452-458.	0.7	21
14	Synthesis, spectral and X-ray diffraction of two new 2D lead(II) coordination polymers formed by nicotinic acid N-oxide linkers. Journal of Molecular Structure, 2017, 1149, 92-98.	3.6	21
15	Docking studies to evaluate the biological activities of the Co(II) and Ni(II) complexes containing the triazine unit: supported by structural, spectral, and theoretical studies. Journal of Coordination Chemistry, 2018, 71, 3893-3911.	2.2	21
16	Structural, spectral and docking studies of a coordination polymer of zinc(II) formed by a pyridine-derived linker. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 369-375.	0.7	21
17	Template-directed synthesis of macrocyclic copper(II) complexes of diazacyclam, 1,3,6,10,12,15-hexaazatricyclo[13.3.1.16,10]eicosane. Journal of Coordination Chemistry, 2012, 65, 1232-1245.	2.2	18
18	Effective anticancer activities of an acyclic symmetrical compartmental Schiff base ligand and its Co(II), Cu(II) and Zn(II) complexes against the human leukemia cell line K562. Polyhedron, 2019, 170, 312-324.	2.2	16

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19	The coordination of a multidentate N_xO_y-donor (x and y â‰ 2) oxazolidine-based ligand with Cd(II) and Hg(II); Structural, spectral, and theoretical studies. Journal of Coordination Chemistry, 2018, 71, 120-134.	2.2	14
20	Structural conversion of an oxazolidine ligand upon treatment with copper(I) and (II) halides; structural, spectral, theoretical and docking studies. Journal of Coordination Chemistry, 2018, 71, 4109-4131.	2.2	14
21	A Spectral and Structural Study of the New Cadmium Salt [(H₂L)₂][Cd₂I₆][(NO₃)₂]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 272-276.	0.7	12
22	Structural, spectral and theoretical study of the coordination of 3,6-bis(2-pyridyl)tetrazine ligand with zinc(II) and mercury(II). Inorganica Chimica Acta, 2018, 483, 392-401.	2.4	12
23	Spectral and Geometrical Study of Two Cadmium Complexes, mer-R,S-[Cd(aepn)₂]X₂(X: I⁻, Cl⁻, aepn:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Chemical Society, 2013, 57, 447-454.	0.2	11
24	Synthesis and characterization of a macrocyclic copper complex containing the 14-membered 1,3,5,8,10,12-hexaazacyclotetradecane unit. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 115-118.	0.7	9
25	Nanoceria: Polyphenol-based green synthesis, mechanism of formation, and evaluation of their cytotoxicity on L929 and HFFF2 cells. Journal of Molecular Structure, 2019, 1186, 23-30.	3.6	9
26	Formation of a copperâ€“copper bond in coordination of a cyclotriphosphazene ligand toward Cu(II): Structural, spectral and docking studies. Journal of Molecular Structure, 2020, 1207, 127804.	3.6	9
27	Using experimental methods and CSD data for investigating the products of the reaction between 2-((2-aminoethyl)amino)ethanol with CdI₂and CdI₂/HgI₂-mixtures. Journal of Coordination Chemistry, 2017, 70, 1247-1259.	2.2	8
28	Synthesis, Characterization and Crystal Structure of a Binuclear Cadmium Iodide Complex with a Multi-N-donor Oxazolidine Ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 1122-1126.	0.7	6
29	Spectral and Structural Study of two Piperazine Based Nitrate Salts. Journal of Chemical Research, 2013, 37, 140-142.	1.3	6
30	Macrocyclic copper(II) complexes containing diazacyclam-based ligand: spectral, structural and docking studies. Journal of Coordination Chemistry, 2019, 72, 3030-3045.	2.2	6
31	Spectral, Structural, Theoretical and Docking Studies of a Mn(II) Complex with an N₄-Donor Ligand. Journal of Chemical Research, 2018, 42, 623-627.	1.3	5
32	Spectral, structural and theoretical study of novel helical and linear structures of PbI₂ and PbBr₂ complexes with a triazine ligand. Journal of Coordination Chemistry, 2019, 72, 1876-1889.	2.2	5
33	Synthesis and Spectral Study of a Copper(I) Complex, [Cu(L)(PPh3)2], with NS-Donor Ligand. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 596-605.	1.6	4
34	Spectral, structural and theoretical study of the effects of thiocyanato and dicyanamido ligands on the geometry of Pb^{II}complexes containing a triazinic ligand. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1023-1030.	0.5	4
35	Experimental and Molecular Docking Studies on the Interaction of a Water-Soluble Pd(II) Complex Containing Î²-Amino Alcohol with Calf Thymus DNA. Biological Trace Element Research, 2021, , 1.	3.5	4
36	Docking studies on an N₄-donor Schiff base ligand and its Cu(II) complex supported by structural, spectral and theoretical studies. Journal of Chemical Research, 2019, 43, 170-178.	1.3	3

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37	Reaction of 2-[(2-aminoethyl)amino]ethanol with pyridine-2-carbaldehyde and complexation of the products with Cu^{II} and Cd^{II} along with docking studies. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 951-959.	0.5	3
38	Structural study of the coordination behavior of a tetradentate NO3-donor amino alcohol ligand toward a CdII:HgII mixture. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2017, 72, 335-340.	0.7	2
39	A new amino alcohol N_{py}N_{imine}N_{amine}O_{alcohol}-donor ligand: coordination toward zinc(II) and cadmium(II) halides and enantioselective products. Journal of Coordination Chemistry, 2017, 70, 3513-3522.	2.2	1
40	A novel ligand transfer reaction: Transferring an N₃-donor amine ligand from Ni(II) to Cu(II)â€"structural, spectral, theoretical, and docking studies. Journal of Chemical Research, 2019, 43, 330-339.	1.3	1
41	2D-Coordination polymer containing lead(II) in a hemidirected PbO₄S₃ environment formed by molecular breaking of the 1,3-oxathiolane ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2019, 74, 547-551.	0.7	1
42	A novel one-dimensional coordination polymer of cadmium(II)/triazine extending by di-chloro and di-iodo bridges. Journal of Chemical Research, 2020, 44, 221-226.	1.3	1
43	Evaluation of biological activities of cobalt(II) and copper(II) complexes synthesized from methylcarboxylate and amino alcohol ligand mixtures: spectroscopic, structural and docking studies. Inorganic and Nano-Metal Chemistry, 0, , 1-9.	1.6	1
44	An ionic Cd/Hg mixed-metal complex with an aminoalcohol ligand. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2018, 73, 959-963.	0.7	0
45	Solvent free synthesis of three cyclotriphosphazene derivatives containing piperazine substituents using microwave irradiation. Spectral, theoretical, solution and docking studies. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 13-21.	1.6	0
46	Synthesis and characterization of a manganese(II) complex containing N(sp ²) ₄ -donor Schiff base ligand and interaction toward biomacromolecules. Inorganic and Nano-Metal Chemistry, 2021, 51, 1570-1579.	1.6	0
47	mer-R,S-[ZnL2](NO3)2, New Zinc Complex with N-(2-Aminoethyl)-1,3-propanediamine: Spectral and Structural Study. Oriental Journal of Chemistry, 2013, 29, 181-184.	0.3	0
48	A binuclear Cd(II) complex containing bridging pyrimidine-based ligands. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 287-293.	0.7	0
49	Template synthesis of a rare 14-membered macrocyclic complex using cadmium(II) ion as a collector. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 0, , 1.	1.6	0