

# Keyvan Moeini

## List of Publications by Year in descending order

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54  
papers

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309  
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#	ARTICLE	IF	CITATIONS
1	Mononuclear and polymeric zinc(II) $\beta^2$ -diketonate complexes with aromatic N-donor ligands: Structural, spectral, thermal, theoretical and docking studies. <i>Polyhedron</i> , 2022, 218, 115757.	2.2	0
2	Formation of 1D coordination polymers by reaction of a tetrazine ligand and $PbX_2$ (X: Br, I) salts: Spectral, structural and theoretical studies. <i>Polyhedron</i> , 2021, 208, 115440.	2.2	3
3	Solvent free synthesis of three cyclotriphosphazene derivatives containing piperazine substituents using microwave irradiation. Spectral, theoretical, solution and docking studies. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2020, 195, 13-21.	1.6	0
4	Synthesis, Characterization and Thermal Studies of a Nanosized 1D L-Arginine/Copper(II) Coordination Polymer by Sonochemical Method: A New Precursor for Preparation of Copper(II) Oxide Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 2907-2915.	3.7	10
5	A novel one-dimensional coordination polymer of cadmium(II)/triazine extending by di-chloro and di-iodo bridges. <i>Journal of Chemical Research</i> , 2020, 44, 221-226.	1.3	1
6	Spectral, structural, biological and molecular docking studies of a new mixed-valence V(IV)/V(V) ofloxacin complex. <i>Journal of Molecular Structure</i> , 2020, 1216, 128300.	3.6	7
7	Formation of a copper-copper bond in coordination of a cyclotriphosphazene ligand toward Cu(II): Structural, spectral and docking studies. <i>Journal of Molecular Structure</i> , 2020, 1207, 127804.	3.6	9
8	A binuclear Cd(II) complex containing bridging pyrimidine-based ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 287-293.	0.7	0
9	A novel ligand transfer reaction: Transferring an $N_3$ -donor amine ligand from Ni(II) to Cu(II)-structural, spectral, theoretical, and docking studies. <i>Journal of Chemical Research</i> , 2019, 43, 330-339.	1.3	1
10	2D-Coordination polymer containing lead(II) in a hemidirected $PbO_4S_3$ environment formed by molecular breaking of the 1,3-oxathiolane ligand. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019, 74, 547-551.	0.7	1
11	Spectral, structural and theoretical study of the effects of thiocyanato and dicyanamido ligands on the geometry of $Pb^{II}$ complexes containing a triazinic ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1023-1030.	0.5	4
12	Spectral, structural and theoretical study of novel helical and linear structures of $Pb_2$ and $PbBr_2$ complexes with a triazine ligand. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1876-1889.	2.2	5
13	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. <i>Polyhedron</i> , 2019, 170, 312-324.	2.2	16
14	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. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 951-959.	0.5	3
15	Macrocyclic copper(II) complexes containing diazacyclam-based ligand: spectral, structural and docking studies. <i>Journal of Coordination Chemistry</i> , 2019, 72, 3030-3045.	2.2	6
16	Coordination of a triazine ligand with $Cu^{II}$ and $Ag^I$ investigated by spectral, structural, theoretical and docking studies. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1389-1397.	0.5	6
17	Investigation of the effect of the <i>N</i> -oxidation process on the interaction of selected pyridine compounds with biomacromolecules: structural, spectral, theoretical and docking studies. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 750-757.	0.5	0
18	The coordination of a multidentate $N_xO_y$ -donor (x and y $\geq 2$ ) oxazolidine-based ligand with Cd(II) and Hg(II); Structural, spectral, and theoretical studies. <i>Journal of Coordination Chemistry</i> , 2018, 71, 120-134.	2.2	14

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19	Spectral, Structural, Theoretical and Docking Studies of a Mn(II) Complex with an N <sub>4</sub> -Donor Ligand. <i>Journal of Chemical Research</i> , 2018, 42, 623-627.	1.3	5
20	An ionic Cd/Hg mixed-metal complex with an aminoalcohol ligand. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 959-963.	0.7	0
21	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. <i>Journal of Coordination Chemistry</i> , 2018, 71, 3893-3911.	2.2	21
22	Theoretical and experimental investigation of anticancer activities of an acyclic and symmetrical compartmental Schiff base ligand and its Co(II), Cu(II) and Zn(II) complexes. <i>RSC Advances</i> , 2018, 8, 35625-35639.	3.6	24
23	Microwave-assisted solvent-free synthesis and spectral and structural characterization of cyclotriposphazene hexakis( <i>o</i> -tolylamide). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 999-1003.	0.7	2
24	Structural conversion of an oxazolidine ligand upon treatment with copper(I) and (II) halides; structural, spectral, theoretical and docking studies. <i>Journal of Coordination Chemistry</i> , 2018, 71, 4109-4131.	2.2	14
25	Structural, spectral and docking studies of a coordination polymer of zinc(II) formed by a pyridine-derived linker. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2018, 73, 369-375.	0.7	21
26	Treatment of cadmium(II) and zinc(II) with N <sub>2</sub> -donor linkages in presence of $\beta^2$ -diketone ligand; supported by structural, spectral, theoretical and docking studies. <i>Inorganica Chimica Acta</i> , 2018, 482, 717-725.	2.4	35
27	Anticancer activities of a $\beta^2$ -amino alcohol ligand and nanoparticles of its copper(II) and zinc(II) complexes evaluated by experimental and theoretical methods. <i>RSC Advances</i> , 2018, 8, 28810-28824.	3.6	33
28	Structural, spectral and theoretical study of the coordination of 3,6-bis(2-pyridyl)tetrazine ligand with zinc(II) and mercury(II). <i>Inorganica Chimica Acta</i> , 2018, 483, 392-401.	2.4	12
29	Spectroscopic investigation into the interaction of a diazacyclam $\beta$ -based macrocyclic copper(II) complex with bovine serum albumin. <i>Luminescence</i> , 2017, 32, 43-50.	2.9	15
30	Synthesis and characterization of a macrocyclic copper complex containing the 14-membered 1,3,5,8,10,12-hexaazacyclotetradecane unit. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 115-118.	0.7	9
31	Using experimental methods and CSD data for investigating the products of the reaction between 2-((2-aminoethyl)amino)ethanol with Cd <sub>2</sub> and Cd <sub>2</sub> /Hg <sub>2</sub> -mixtures. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1247-1259.	2.2	8
32	Structural study of the coordination behavior of a tetradentate NO <sub>3</sub> -donor amino alcohol ligand toward a CdII:HgII mixture. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 335-340.	0.7	2
33	Synthesis, spectral and X-ray diffraction of two new 2D lead(II) coordination polymers formed by nicotinic acid N-oxide linkers. <i>Journal of Molecular Structure</i> , 2017, 1149, 92-98.	3.6	21
34	Structural, spectral and theoretical aspects in the coordination of a triazine-based ligand toward lead(II) with a holodirected environment. <i>Polyhedron</i> , 2017, 133, 146-154.	2.2	28
35	A coordination polymer of mercury(II) formed by triazole-based and chloride linkers. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 573-577.	0.7	1
36	Structural and spectral study of coordination of 4,4'-dimethoxy-2,2'-bipyridine toward Zn(II) and Cd(II) containing thiocyanato or azido ligands. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 959-965.	0.7	10

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37	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. <i>Polyhedron</i> , 2015, 102, 569-577.	2.2	31
38	Synthesis and Spectral Study of a Copper(I) Complex, [Cu(L)(PPh <sub>3</sub> ) <sub>2</sub> ], with NS-Donor Ligand. Phosphorus, Sulfur and Silicon and the Related Elements, 2014, 189, 596-605.	1.6	4
39	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 copper-mercury coordination polymer. <i>Polyhedron</i> , 2014, 70, 92-100.	2.2	35
40	Palladium, cadmium and mercury complexes of 2-((2-(2-hydroxyethyl)amino)ethyl)amino)cyclohexanol: Synthesis, structural, spectral and solution studies. <i>Polyhedron</i> , 2014, 67, 27-35.	2.2	27
41	Silver(I) coordination polymer and nine-coordinated cadmium(II) complex with dimethyl pyridine-2,6-dicarboxylate supported by solid state and electrochemical studies. <i>Journal of Coordination Chemistry</i> , 2013, 66, 1129-1141.	2.2	27
42	A Spectral and Structural Study of the New Cadmium Salt [(H <sub>2</sub> L) <sub>2</sub> ][Cd <sub>2</sub> Cl <sub>6</sub> ][(NO <sub>3</sub> ) <sub>2</sub> ]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 272-276.	0.7	12
43	Complexation to Cadmium(II) of a Tetradentate Ligand Resulting from the Condensation of 2-Pyridinecarbaldehyde with N-(2-Aminoethyl)propane-1,3-diamine. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2013, 68, 267-271.	0.7	24
44	Spectral and Structural Study of two Piperazine Based Nitrate Salts. <i>Journal of Chemical Research</i> , 2013, 37, 140-142.	1.3	6
45	Crystal Structure and Characterization of a New Eight Coordinated Cadmium Complex. <i>Journal of the Korean Chemical Society</i> , 2013, 57, 352-356.	0.2	23
46	Spectral and Geometrical Study of Two Cadmium Complexes, mer-R,S-[Cd(aepn) <sub>2</sub> ](X) <sub>2</sub> (X: I <sup>-</sup> , Cl <sup>-</sup> , aepn: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T). <i>Journal of Chemical Society</i> , 2013, 57, 447-454.	0.2	11
47	Geometrical Aspects of Trinuclear Tetra-μ-Chloro-Cadmium Complex with 5-Methyl-4H-1,2,4-Triazole-3,4-Diamine. <i>Oriental Journal of Chemistry</i> , 2013, 29, 127-130.	0.3	0
48	mer-R,S-[ZnL <sub>2</sub> ](NO <sub>3</sub> ) <sub>2</sub> , New Zinc Complex with N-(2-Aminoethyl)-1,3-propanediamine: Spectral and Structural Study. <i>Oriental Journal of Chemistry</i> , 2013, 29, 181-184.	0.3	0
49	Template-directed synthesis of macrocyclic copper(II) complexes of diazacyclam, 1,3,6,10,12,15-hexaazatricyclo[13.3.1.16,10]eicosane. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1232-1245.	2.2	18
50	Synthesis, Crystallographic and Spectral Characterization of a Cadmium Chloride Complex Containing a Novel Imidazo[1,5-a]Pyridine Derivative. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2012, 67, 452-458.	0.7	21
51	Coordination geometries and crystal structures of cadmium(II) complexes with a new amino alcohol (NN=O) ligand. <i>Journal of Coordination Chemistry</i> , 2012, 65, 2221-2233.	2.2	31
52	Synthesis, Characterization and Crystal Structure of a Binuclear Cadmium Iodide Complex with a Multi-N-donor Oxazolidine Ligand. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2011, 66, 1122-1126.	0.7	6
53	Template synthesis of a rare 14-membered macrocyclic complex using cadmium(II) ion as a collector. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 0, , 1.	1.6	0
54	Evaluation of biological activities of cobalt(II) and copper(II) complexes synthesized from methylcarboxylate and amino alcohol ligand mixtures: spectroscopic, structural and docking studies. <i>Inorganic and Nano-Metal Chemistry</i> , 0, , 1-9.	1.6	1