

# Farzin Marandi

## List of Publications by Citations

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79  
papers

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16  
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24  
g-index

80  
ext. papers

918  
ext. citations

1.9  
avg, IF

4.11  
L-index

#	Paper	IF	Citations
79	Structural and X-ray powder diffraction studies of nano-structured lead(II) coordination polymer with $\pi$ Pb $\cdots$ C interactions. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 3565-3569	2.3	57
78	Lead(II): misleading or merely hermaphroditic?. <i>Comptes Rendus Chimie</i> , <b>2005</b> , 8, 157-168	2.7	54
77	[Pb <sub>2</sub> (2,2'-bipy) <sub>2</sub> (4,4'-bipy)(NO <sub>3</sub> ) <sub>4</sub> ]: A novel hemidirected dimeric mixed-ligands lead(II) complex extended in holodirected two-dimensional polymer by weak Pb $\cdots$ nitrate interactions. <i>Inorganic Chemistry Communication</i> , <b>2005</b> , 8, 773-776	3.1	48
76	Synthesis and crystal structure of two novel polymeric Pb(II) compounds: [Pb(phen)(N <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> and [Pb(deta)(N <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> . <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 174-177	3.1	31
75	Treatment of cadmium(II) and zinc(II) with N <sub>2</sub> -donor linkages in presence of $\beta$ -diketone ligand; supported by structural, spectral, theoretical and docking studies. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 482, 717-725	2.7	28
74	Synthesis, properties and crystal structures of new binuclear lead(II) complexes based on phenyl, naphthyl-containing fluorine $\beta$ -diketones and substituted 2,2'-bipyridines. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 4000-4007	2.7	28
73	Structural, spectral and theoretical aspects in the coordination of a triazine-based ligand toward lead(II) with a holodirected environment. <i>Polyhedron</i> , <b>2017</b> , 133, 146-154	2.7	26
72	Synthesis and crystal structure of two new lead(II) coordination polymers with substituted 2,2'-bipyridine ligands with dicyanamide and nitrate as co-ligands. <i>Journal of Molecular Structure</i> , <b>2010</b> , 973, 124-129	3.4	26
71	Synthesis and structural characterization of a Cu(II) complex with 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine (PDPT). <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 1631-1637	1.6	23
70	Fluorous interactions in complexes of lead(II) hexafluoroacetylacetonate. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 4099-4103	2.7	22
69	A Novel 1D Coordination Polymer [Pb(phen)(N <sub>3</sub> )(NO <sub>3</sub> )] <sub>n</sub> with the First Pb <sub>2</sub> -(N <sub>3</sub> ) <sub>2</sub> Unit (phen = 1,10-phenanthroline). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 2380-2382	1.3	21
68	Sonochemical synthesis and characterization of three nano zinc(II) coordination polymers; Precursors for preparation of zinc(II) oxide nanoparticles. <i>Ultrasonics Sonochemistry</i> , <b>2016</b> , 32, 86-94	8.9	19
67	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> , <b>2018</b> , 73, 369-375	1	19
66	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> , <b>2017</b> , 1149, 92-98	3.4	17
65	Lead(II) complexes of o-phthalate including a crystal structure of a novel 2D coordination polymer, [Pb(pht)(H <sub>2</sub> O)] <sub>n</sub> . <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 1557-1565	1.6	17
64	Subtle Interplay of Weak Intermolecular Interactions. Crystal Structures of Lead(II) Complexes with 4,4'-Dimethyl-2,2'-bipyridine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 165-170	1.3	16
63	Synthesis and Crystal Structure of a Novel Polymeric Lead(II) Compound: [Pb <sub>2</sub> (phen) <sub>2</sub> (N <sub>3</sub> ) <sub>3</sub> (ClO <sub>4</sub> )] <sub>n</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 1329-1332	1.3	16

62	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> , <b>2018</b> , 71, 3893-3911	1.6	16
61	The molecular and supramolecular structures of three new lead(II) complexes with the pincer-type ligand 4'-chloro-2,2':6',2''-terpyridine (TpyCl). <i>Journal of Molecular Structure</i> , <b>2009</b> , 938, 277-282	3-4	15
60	Labile Interactions in Aza-aromatic Base Adducts of Lead(II) Thenoyltrifluoroacetate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 661-665	1-3	15
59	Sonochemical syntheses and characterization of a new nano-structured one-dimensional lead(II) coordination polymer with 4,4,4-trifluoro-1-phenyl-1,3-butandione. <i>Inorganica Chimica Acta</i> , <b>2011</b> , 370, 526-530	2-7	14
58	Synthesis and structural characterization of new dinuclear silver(I) complexes: Different coordination modes of substituted 1,2,4-triazine ligands. <i>Journal of Molecular Structure</i> , <b>2011</b> , 1006, 324-329	3-4	13
57	Synthesis and crystal structures of the first cadmium complexes of 3,5,6-tris(2-pyridyl)-1,2,4-triazine ligand. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1036, 71-77	3-4	12
56	{[Pb(PDT)4][PbBr3]2}n: Aggregation of Novel Discrete Cationic Lead(II) Complexes with an Anionic 1D Coordination Polymer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 1352-1354	1-3	12
55	Synthesis and characterization of lead(II) complexes with substituted 2,2'-bipyridines, trifluoroacetate, and furoyltrifluoroacetate. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 3012-3021	1.6	12
54	Synthesis and Crystal Structure of [Pb(phe)2]n: a 2D Coordination Polymer of Lead(II) Containing Phenylalanine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 1137-1139	1-3	12
53	1D & 2D Supramolecular assemblies dominated by crystal structure of Pb(II) oxoanion ( and ) complexes with 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine (PDPT). <i>Journal of Coordination Chemistry</i> , <b>2006</b> , 59, 1139-1148	1.6	12
52	Manganese(II) Sulfate Powder is an Efficient Catalyst for the Synthesis of Coumarins from In Situ Generated Stabilized Phosphorus Ylides in Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2005</b> , 180, 1541-1544	1	12
51	Lead(II) Complexes of Pyridinedicarboxylates [Lattice Interactions and Metal Ion Stereochemistry. <i>Australian Journal of Chemistry</i> , <b>2006</b> , 59, 400	1.2	11
50	Assembly of three binuclear complexes of AgI with 2,3-bis(2-pyridyl)pyrazine and benzoyltrifluoroacetate ligands. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 1882-1891	1.6	10
49	Two new silver(I) coordination polymers with 4,4'-bipyridine and two perfluoro-diketones. <i>Journal of Molecular Structure</i> , <b>2011</b> , 1006, 136-141	3-4	10
48	Zinc(II) and cadmium(II) complexes with PDT: study of the effect of weak interactions on crystal packing. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 2155-2163	1.6	10
47	Synthesis and spectroscopic studies of mixed-ligand complexes of lead(II) hexafluoroacetylacetonate including the crystal structure of [Pb2(phen)4(hfa)2(?-NO3)2]. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 249-256	1.6	10
46	Spectroscopic, Thermal and Structural Studies of Aza-aromatic Base Adducts of Cadmium Furoyltrifluoroacetate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 2617-2622	1-3	10
45	1-D and 2-D coordination polymers of lead(II) thiocyanate with substituted 2,2'-bipyridine ligand. <i>Journal of Coordination Chemistry</i> , <b>2012</b> , 65, 1872-1881	1.6	9

44	Three Lead(II) Complexes in One Coordination Polymer, [Pb(TpyCl)Cl][Pb(TpyCl)Cl <sub>2</sub> ][PbCl <sub>3</sub> ](CH <sub>3</sub> OH). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2009</b> , 635, 1523-1526	1.3	9
43	Synthesis and Crystal Structure of [Pb(trz)(tfpb)(H <sub>2</sub> O)]: a Lead(II) Complex Containing 2,4,6-Tris(2-pyridyl)-1,3,5-triazine and 4,4,4-Trifluoro-1-phenyl-1,3-butandionate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2007</b> , 633, 536-538	1.3	9
42	Crystal structures of complexes of 3,5,6-tris(2-pyridyl)-1,2,4-triazine: [Pb(TPT)(NO <sub>3</sub> ) <sub>2</sub> ] <sub>n</sub> and [Pb(TPT) <sub>2</sub> (ClO <sub>4</sub> )(H <sub>2</sub> O)] <sub>n</sub> ClO <sub>4</sub> ·nH <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 1972-1979	1.6	8
41	Synthesis and structural characterization of a one-dimensional coordination polymer, [Cd(PDPT)(NCS)] <sub>n</sub> , PDPT=3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 1427-1433	1.6	8
40	Structural investigation of lead(II) fluorine-substituted βdiketonates. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 891-899	1.6	8
39	Lead(II) and cadmium(II) complexes of 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine-p,p'-disulfonate with high thermal stability. <i>Journal of Coordination Chemistry</i> , <b>2010</b> , 63, 2113-2121	1.6	7
38	Sonochemical synthesis and characterization of a nanostructured 3-D lead(II) coordination polymer with 4-methoxybenzoyltrifluoroacetone. <i>Journal of Coordination Chemistry</i> , <b>2011</b> , 64, 3781-3791	1.6	7
37	Pb(II) 4,4,4-trifluoro-1-naphthyl-1,3-butanedione complexes of 1,10-phenanthroline and 2,2'-bipyridine ligands. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 1545-1552	1.6	7
36	Lead(II) complexes of proline. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 2589-2595	1.6	7
35	Zinc(II) and Cadmium(II) Complexes of the 3-(2-Pyridyl)-5,6-diphenyl-1,2,4-triazine (PDPT) Ligand, Structural Studies of [Zn(PDPT) <sub>2</sub> Cl(ClO <sub>4</sub> )] and [Cd(PDPT) <sub>2</sub> (NO <sub>3</sub> )(ClO <sub>4</sub> )]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 3070-3073	1.3	7
34	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> , <b>2016</b> , 71, 959-965	1	7
33	Cd(II) and Zn(II) coordination polymers assembled from benzoyltrifluoroacetone and 1,2-bis(4-pyridyl)ethane ancillary ligands. <i>Acta Chimica Slovenica</i> , <b>2013</b> , 60, 328-34	1.9	7
32	Synthesis, spectral, X-ray diffraction and thermal studies of new Zn(II) pyrazine coordination polymers. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1059, 75-80	3.4	6
31	Dynamic crystal-to-crystal transformation of 1D to 2D lead(II) coordination polymers by de- and rehydration with no change in the morphology of nano-particles. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 3375	3.6	6
30	Supramolecular organization in lead(II) halides of 4,4'-dimethoxy-2,2'-bipyridine ligand. <i>Journal of Molecular Structure</i> , <b>2013</b> , 1049, 205-211	3.4	6
29	Fluorine-substituted βdiketonate Pb(II) complexes, [Pb(phen)(TFPB) <sub>2</sub> ] and [Pb(2,2'-bipy)(TFPB) <sub>2</sub> ]. <i>Journal of Coordination Chemistry</i> , <b>2008</b> , 61, 882-890	1.6	6
28	Supramolecular Structure Formed by Directed Intermolecular Interactions in a Lead(II) Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2008</b> , 634, 1123-1126	1.3	6
27	New mixed-anion 2-aminomethylpyridine (AMP) lead(II) complexes, Pb(AMP) <sub>n</sub> (ClO <sub>4</sub> ) <sub>X</sub> , (X=CH <sub>3</sub> COO and n=1 or X= and n=2); crystal and molecular structure of [Pb(AMP) <sub>2</sub> ](ClO <sub>4</sub> )(NO <sub>3</sub> ). <i>Journal of Coordination Chemistry</i> , <b>2005</b> , 58, 1233-1239	1.6	6

26	Synthesis and Characterization of Pure Phase Zn(II) and Cd(II) Oxide Nanoparticles via Thermal Decomposition of Four New Zn(II) and Cd(II) Coordination Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2016</b> , 26, 962-974	3.2	6
25	Syntheses and Crystal Structures of Two 3D Lead(II) Coordination Polymers with Isonicotinic Acid N-Oxide and Pseudohalides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2012</b> , 638, 461-465	1.3	5
24	Synthesis and Characterization of Lead(II) Complexes with the 4-Methoxybenzoyltrifluoroacetate Ligand. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2009</b> , 64, 1027-1031	1	5
23	Synthesis and Spectroscopic, Thermal and Electrochemical Studies of Mixed-ligand Complexes of Silver(I) with Derivatives of Benzoyltrifluoroacetate and 4,4'-Bipyridine, Including the Crystal Structure of [Ag(4,4'-bpy)(tfcpb)] <sub>n</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2009</b> , 64, 1027-1031	1	5
22	Synthesis and Crystal Structure of Lead(II) Thenoyltrifluoroacetate Complexes with Substituted 2,2'-Bipyridines: Interplay of Intermolecular Interactions in Crystals. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2010</b> , 65, 128-134	1	5
21	Cd(II) 4,4,4-trifluoro-1-phenyl-1,3-butanedione complexes of 1,10-phenanthroline and 4,4'-bipyridine. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 2107-2114	1.6	5
20	Synthesis and characterization of three dinuclear complexes of Ag(I) with 2,3-bis(2-pyridyl)pyrazine and derivated of trifluoromethylidenedione ligands. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1022, 25-31	3.4	4
19	The first crystal structures of two 2-D lead(II)-coordination polymers with picolinic acid N-oxide and pseudohalides extended to 3-D networks by intermolecular interactions. <i>Journal of Coordination Chemistry</i> , <b>2013</b> , 66, 986-994	1.6	4
18	Synthesis and crystal structures of two lead(II) complexes of 4,4,4-trifluoro-1-naphthyl-1,3-butanedione ligand, subtle interplay of weak intermolecular interactions. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 3332-3342	1.6	4
17	Synthesis of New Complexes of Cadmium(II) with 3-(2-Pyridyl)-5,6-diphenyl-1,2,4-triazine Ligand: Study of the Effect of Weak Interactions on their Crystal Packing. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2011</b> , 41, 234-240		4
16	Stacking-Interlinked Molecular Squares with Hepta-Coordinated Cadmium(II) Corners, [Cd(DMAP) <sub>3</sub> (NO <sub>2</sub> ) <sub>2</sub> ] <sub>n</sub> ·5H <sub>2</sub> O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1932-1934	1.3	4
15	Coordination of a triazine ligand with Cu and Ag investigated by spectral, structural, theoretical and docking studies. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2019</b> , 75, 1389-1397	0.8	4
14	Spectral, structural and theoretical study of novel helical and linear structures of PbI <sub>2</sub> and PbBr <sub>2</sub> complexes with a triazine ligand. <i>Journal of Coordination Chemistry</i> , <b>2019</b> , 72, 1876-1889	1.6	3
13	Spectral, structural and theoretical study of the effects of thiocyanato and dicyanamido ligands on the geometry of Pb complexes containing a triazinic ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , <b>2019</b> , 75, 1023-1030	0.8	3
12	Syntheses and Characterization of Two New M(II)-5,5'-dimethyl-2,2'-bipyridine (M = Cd and Pb) Coordination Polymers and Study of Their Thermal and Electrochemical Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2014</b> , 24, 940-947	3.2	3
11	Synthesis of Sterically Congested Stabilized Phosphorus Ylides from Acetylenic Esters, 4,4,4-Trifluoro-1-(2-naphthyl)-1,3-butanedione, and Triphenylphosphine. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2008</b> , 183, 1564-1570	1	3
10	Microwave-Induced Stereoselective Conversion of Stabilized Phosphorus Ylides to Electron Poor (Z)-N-Vinylimides in the Presence of Supported Catalysts on Silica Gel in Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2007</b> , 182, 2855-2859	1	3
9	Microwave-Induced Stereoselective Conversion of Dialkyl 2-(Imido-N-yl)-3-(triphenylphosphoranylidene) butanedioates to Electron-Poor (Z)-N-Vinylimides in the Presence of Potassium Dihydrogen Phosphate and Sodium Dihydrogen Phosphate in Solvent-Free Conditions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2005</b> , 180, 1537-1540	1	3

8	Syntheses, structures and properties of a new compound of the type [Zn(4,4'-dmo-2,2'-bpy)2(CH3COO)]2[Zn(SCN)4]·H2O with zinc in two cationic and one anionic complexes. <i>Main Group Chemistry</i> , <b>2015</b> , 14, 105-114	0.6	2
7	Synthesis, Crystal Structure and Thermal Properties of Lead(II) Complex with Bathophenanthroline and Benzoyltrifluoroacetate Ligands. <i>Journal of Chemistry</i> , <b>2013</b> , 2013, 1-5	2.3	2
6	Ultrasonic assistance syntheses of new nano-sized lead(II) coordination polymers: motifs for PbO preparation. <i>Journal of the Iranian Chemical Society</i> , <b>2017</b> , 14, 1271-1279	2	1
5	A New 3D Coordination Polymer of Bismuth with Nicotinic Acid N-Oxide. <i>Journal of Chemistry</i> , <b>2013</b> , 2013, 1-5	2.3	1
4	Three-Dimensional Supramolecular Network Directed by Intermolecular Interactions in [Pb2(dmp)2(hfacac)4]. <i>E-Journal of Chemistry</i> , <b>2009</b> , 6, 1085-1090		
3	Pyrazine-bis-[tetra-aqua-cadmium(II)] Pyrazine-bis-[tetra-acetato-cadmium(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, m736-7		
2	Synthesis and crystal structures of two new lead(II) complexes with the pincer-type ligand 4'-(4-chlorophenyl)-2,2':6',2'-terpyridine (Cl-Ph-tpy): subtle interplay of weak intermolecular interactions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2020</b> , 75, 1043-1048		1
1	Mononuclear and polymeric zinc(II) Ediketonate complexes with aromatic N-donor ligands: Structural, spectral, thermal, theoretical and docking studies. <i>Polyhedron</i> , <b>2022</b> , 218, 115757	2.7	