

# Farzin Marandi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79  
papers

889  
citations

16  
h-index

24  
g-index

80  
ext. papers

918  
ext. citations

1.9  
avg, IF

4.11  
L-index

#	Paper	IF	Citations
79	Mononuclear and polymeric zinc(II) $\beta$ -diketonate complexes with aromatic N-donor ligands: Structural, spectral, thermal, theoretical and docking studies. <i>Polyhedron</i> , <b>2022</b> , 218, 115757	2.7	
78	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	
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
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	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
66	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
65	Syntheses, structures and properties of a new compound of the type [Zn(4,4'-dmo-2,2'-bpy) <sub>2</sub> (CH <sub>3</sub> COO)] <sub>2</sub> [Zn(SCN) <sub>4</sub> ][H <sub>2</sub> O] with zinc in two cationic and one anionic complexes. <i>Main Group Chemistry</i> , <b>2015</b> , 14, 105-114	0.6	2
64	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
63	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

62	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
61	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
60	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
59	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
58	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
57	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
56	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
55	Synthesis and characterization of three dinuclear complexes of AgI with 2,3-bis(2-pyridyl)pyrazine and derivated of trifluoromethyldiketonate ligands. <i>Journal of Molecular Structure</i> , <b>2012</b> , 1022, 25-31	3.4	4
54	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
53	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
52	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
51	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 Physics</i> , <b>2012</b> , 67, 165-170	1	5
50	Two new silver(I) coordination polymers with 4,4'-bipyridine and two perfluoro-diketonates. <i>Journal of Molecular Structure</i> , <b>2011</b> , 1006, 136-141	3.4	10
49	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
48	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
47	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
46	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
45	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

44	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
43	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
42	Synthesis, properties and crystal structures of new binuclear lead(II) complexes based on phenyl, naphthyl-containing fluorine $\beta$ -diketonates and substituted 2,2'-bipyridines. <i>Inorganica Chimica Acta</i> , <b>2010</b> , 363, 4000-4007	2.7	28
41	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
40	Three-Dimensional Supramolecular Network Directed by Intermolecular Interactions in [Pb <sub>2</sub> (dmp) <sub>2</sub> (hfacac) <sub>4</sub> ]. <i>E-Journal of Chemistry</i> , <b>2009</b> , 6, 1085-1090		
39	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> ·H <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 1972-1979	1.6	8
38	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
37	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
36	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
35	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
34	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
33	{[Pb(PDT) <sub>4</sub> ][PbBr <sub>3</sub> ] <sub>2</sub> ] <sub>n</sub> : 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
32	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
31	Structural and X-ray powder diffraction studies of nano-structured lead(II) coordination polymer with $\pi$ -Pb $\pi$ C interactions. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 3565-3569	2.3	57
30	Synthesis and spectroscopic studies of mixed-ligand complexes of lead(II) hexafluoroacetylacetonate including the crystal structure of [Pb <sub>2</sub> (phen) <sub>4</sub> (hfa) <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> ]. <i>Journal of Coordination Chemistry</i> , <b>2009</b> , 62, 249-256	1.6	10
29	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
28	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
27	Fluorine-substituted $\beta$ -diketonate 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

26	βPyrazine-bis-[tetra-aqua-cadmium(II)] βpyrazine-bis-[tetra-acetato-cadmium(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2008</b> , 64, m736-7		
25	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
24	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
23	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
22	Lead(II) complexes of proline. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 2589-2595	1.6	7
21	Synthesis and crystal structure of two novel polymeric PbII 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
20	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
19	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
18	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
17	Synthesis and Crystal Structure of [Pb(phen) <sub>2</sub> ] <sub>n</sub> : 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
16	CdII 4,4,4-trifluoro-1-phenyl-1,3-butandione complexes of 1,10-phenanthroline and 4,4'-bipyridine. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 2107-2114	1.6	5
15	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
14	Synthesis and structural characterization of a one-dimensional coordination polymer, [Cd(PDPT)(N <sub>3</sub> ) <sub>2</sub> ] <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
13	Structural investigation of lead(II) fluorine-substituted βdiketonates. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 891-899	1.6	8
12	Lead(II) Complexes of Pyridinedicarboxylates β Lattice Interactions and Metal Ion Stereochemistry. <i>Australian Journal of Chemistry</i> , <b>2006</b> , 59, 400	1.2	11
11	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
10	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
9	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

8	Fluorous interactions in complexes of lead(II) hexafluoroacetylacetonate. <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 4099-4103	2.7	22
7	[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⋯nitrate interactions. <i>Inorganic Chemistry Communication</i> , <b>2005</b> , 8, 773-776	3.1	48
6	Lead(II): misleading or merely hermaphroditic?. <i>Comptes Rendus Chimie</i> , <b>2005</b> , 8, 157-168	2.7	54
5	π-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
4	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
3	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
2	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
1	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