

Farzin Marandi

List of Publications by Year in descending order

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471061

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80
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and X-ray powder diffraction studies of nano-structured lead(II) coordination polymer with $\hat{1}2$ Pb $\hat{a}^{-}C$ interactions. Journal of Organometallic Chemistry, 2009, 694, 3565-3569.	0.8	58
2	Lead(II): misleading or merely hermaphroditic?. Comptes Rendus Chimie, 2005, 8, 157-168.	0.2	54
3	[Pb $2(2,2\hat{a}^{-}bipy)2(\hat{1}4-4,4\hat{a}^{-}bipy)(NO_3)_4$]: A novel hemidirected dimeric mixed-ligands lead(II) complex extended in holodirected two-dimensional polymer by weak Pb $\hat{a}^{-}O$ nitrate interactions. Inorganic Chemistry Communication, 2005, 8, 773-776.	1.8	51
4	Treatment of cadmium(II) and zinc(II) with N 2 -donor linkages in presence of $\hat{1}2$ -diketone ligand; supported by structural, spectral, theoretical and docking studies. Inorganica Chimica Acta, 2018, 482, 717-725.	1.2	35
5	Synthesis and crystal structure of two novel polymeric Pb(II) compounds: [Pb(phen)(N 3) 2] n and [Pb(deta)(N 3) \hat{A} (N 3)] n . Inorganic Chemistry Communication, 2007, 10, 174-177.	1.8	34
6	Synthesis, properties and crystal structures of new binuclear lead(II) complexes based on phenyl, naphthyl-containing fluorine $\hat{1}2$ -diketones and substituted 2,2 \hat{a}^{-} -bipyridines. Inorganica Chimica Acta, 2010, 363, 4000-4007.	1.2	30
7	Synthesis and crystal structure of two new lead(II) coordination polymers with substituted 2,2 \hat{a}^{-} -bipyridine ligands with dicyanamide and nitrate as co-ligands. Journal of Molecular Structure, 2010, 973, 124-129.	1.8	28
8	Structural, spectral and theoretical aspects in the coordination of a triazine-based ligand toward lead(II) with a holodirected environment. Polyhedron, 2017, 133, 146-154.	1.0	28
9	Synthesis and structural characterization of a Cu(II) complex with 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine (PDPT). Journal of Coordination Chemistry, 2005, 58, 1631-1637.	0.8	24
10	Fluorous interactions in complexes of lead(II) hexafluoroacetylacetonate. Inorganica Chimica Acta, 2005, 358, 4099-4103.	1.2	23
11	A Novel 1D Coordination Polymer [Pb(phen)($\hat{1}4-N_3$)($\hat{1}4-NO_3$)] n with the First Pb $2-(\hat{1}4-N_3)_2$ Unit (phen =) Tj ETQq $1,1$ 0.7843,14 rgBT $0,6$ 23	0.6	23
12	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.	1.8	21
13	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.	0.8	21
14	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.	0.3	21
15	Subtle Interplay of Weak Intermolecular Interactions. Crystal Structures of Lead(II) Complexes with 4,4 \hat{a}^{-} -dimethyl $\hat{a}^{-}2,2\hat{a}^{-}$ -bipyridine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 165-170. ^{0.6}	0.6	20
16	Sonochemical synthesis and characterization of three nano zinc(II) coordination polymers; Precursors for preparation of zinc(II) oxide nanoparticles. Ultrasonics Sonochemistry, 2016, 32, 86-94.	3.8	20
17	Synthesis and Crystal Structure of a Novel Polymeric Lead(II) Compound: [Pb $2(phen)_2(N_3)_3(ClO_4)_3$] n . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1329-1332.	0.6	19
18	Lead(II) complexes of o-phthalate including a crystal structure of a novel 2D coordination polymer, [Pb(pht)(H $2O$)] n . Journal of Coordination Chemistry, 2007, 60, 1557-1565.	0.8	17

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19	The molecular and supramolecular structures of three new lead(II) complexes with the pincer-type ligand 4- β -chloro-2,2':6''-terpyridine (TpyCl). <i>Journal of Molecular Structure</i> , 2009, 938, 277-282.	1.8	17
20	Labile Interactions in Aza-aromatic Base Adducts of Lead(II) Thenoyltrifluoroacetate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 661-665.	0.6	15
21	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> , 2006, 59, 1139-1148.	0.8	14
22	{[Pb(PDT) ₄][PbBr ₃] ₂ } _n : Aggregation of Novel Discrete Cationic Lead(II) Complexes with an Anionic 1D Coordination Polymer. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1352-1354.	0.6	14
23	Two new silver(I) coordination polymers with 4,4'-bipyridine and two perfluoro- β -diketonates. <i>Journal of Molecular Structure</i> , 2011, 1006, 136-141.	1.8	14
24	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> , 2011, 370, 526-530.	1.2	14
25	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> , 2005, 180, 1541-1544.	0.8	13
26	Synthesis and Crystal Structure of [Pb(phen) ₂] _n : a 2D Coordination Polymer of Lead(II) Containing Phenylalanine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1137-1139.	0.6	13
27	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> , 2011, 1006, 324-329.	1.8	13
28	Synthesis and characterization of lead(II) complexes with substituted 2,2'-bipyridines, trifluoroacetate, and furoyltrifluoroacetate. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3012-3021.	0.8	12
29	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> , 2013, 1036, 71-77.	1.8	12
30	Lead(II) Complexes of Pyridinedicarboxylates β Lattice Interactions and Metal Ion Stereochemistry. <i>Australian Journal of Chemistry</i> , 2006, 59, 400.	0.5	11
31	Spectroscopic, Thermal and Structural Studies of Aza-aromatic Base Adducts of Cadmium Furoyltrifluoroacetate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 2617-2622.	0.6	11
32	Crystal structures of complexes of 3,5,6-tris(2-pyridyl)-1,2,4-triazine: [Pb(TPT)(NO ₃) ₂] _n and [Pb(TPT) ₂ (ClO ₄)(H ₂ O)] _n · ClO ₄ · H ₂ O. <i>Journal of Coordination Chemistry</i> , 2009, 62, 1972-1979.	0.8	11
33	Three Lead(II) Complexes in One Coordination Polymer, [Pb(TpyCl)Cl][Pb(TpyCl)Cl ₂][PbCl ₃](CH ₃ OH). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1523-1526.	0.6	11
34	1-D and 2-D coordination polymers of lead(II) thiocyanate with substituted 2,2'-bipyridine ligand. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1872-1881.	0.8	11
35	Zinc(II) and cadmium(II) complexes with PDT: study of the effect of weak interactions on crystal packing. <i>Journal of Coordination Chemistry</i> , 2009, 62, 2155-2163.	0.8	10
36	Synthesis and spectroscopic studies of mixed-ligand complexes of lead(II) hexafluoroacetylacetonate including the crystal structure of [Pb ₂ (phen) ₄ (hfa) ₂](NO ₃) ₂ . <i>Journal of Coordination Chemistry</i> , 2009, 62, 249-256.	0.8	10

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37	Lead(II) and cadmium(II) complexes of 3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine- <i>l</i> -disulfonate with high thermal stability. <i>Journal of Coordination Chemistry</i> , 2010, 63, 2113-2121.	0.8	10
38	Assembly of three binuclear complexes of Ag ^I with 2,3-bis(2-pyridyl)pyrazine and benzoyltrifluoroacetate ligands. <i>Journal of Coordination Chemistry</i> , 2012, 65, 1882-1891.	0.8	10
39	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.	0.3	10
40	Lead(II) complexes of proline. <i>Journal of Coordination Chemistry</i> , 2007, 60, 2589-2595.	0.8	9
41	Synthesis and Crystal Structure of [Pb(trz)(tfpb)(H ₂ 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> , 2007, 633, 536-538.	0.6	9
42	Synthesis and structural characterization of a one-dimensional coordination polymer, [Cd(PDPT)(¹ /4-SCN) ₂] _n , PDPT=3-(2-pyridyl)-5,6-diphenyl-1,2,4-triazine. <i>Journal of Coordination Chemistry</i> , 2007, 60, 1427-1433.	0.8	8
43	Structural investigation of lead(II) fluorine-substituted \hat{I}^2 -diketonates. <i>Journal of Coordination Chemistry</i> , 2007, 60, 891-899.	0.8	8
44	PbII 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> , 2008, 61, 1545-1552.	0.8	8
45	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)2Cl(ClO ₄)] and [Cd(PDPT)2(NO ₃)(ClO ₄)]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 3070-3073.	0.6	7
46	Sonochemical synthesis and characterization of a nanostructured 3-D lead(II) coordination polymer with 4-methoxybenzoyltrifluoroacetone. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3781-3791.	0.8	7
47	Syntheses and Crystal Structures of Two 3D Lead(II) Coordination Polymers with Isonicotinic Acid <i>l</i> -Oxide and Pseudohalides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012, 638, 461-465.	0.6	7
48	Synthesis, spectral, X-ray diffraction and thermal studies of new ZnII ^{II} pyrazine coordination polymers. <i>Journal of Molecular Structure</i> , 2014, 1059, 75-80.	1.8	7
49	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> , 2016, 26, 962-974.	1.9	7
50	Cd(II) and Zn(II) coordination polymers assembled from benzoyltrifluoroacetone and 1,2-bis(4-pyridyl)ethane ancillary ligands. <i>Acta Chimica Slovenica</i> , 2013, 60, 328-34.	0.2	7
51	New mixed-anion 2-aminomethylpyridine (AMP) lead(II) complexes, Pb(AMP) _n (ClO ₄) _X , (X=CH ₃ COO ⁻ and) <i>Tj ETQq1 1 0.784314 rg</i> <i>Coordination Chemistry</i> , 2005, 58, 1233-1239.	0.8	6
52	Supramolecular Structure Formed by Directed Intermolecular Interactions in a Lead(II) Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 1123-1126.	0.6	6
53	Fluorine-substituted \hat{I}^2 -diketonate Pb ^{II} complexes, [Pb(phen)(TFPB) ₂] and [Pb(2,2'-bipy)(TFPB) ₂]. <i>Journal of Coordination Chemistry</i> , 2008, 61, 882-890.	0.8	6
54	Synthesis and Characterization of Lead(II) Complexes with the 4-Methoxybenzoyltrifluoroacetate Ligand. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 1027-1031.	0.3	6

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55	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)] _n . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 465-472.	0.3	6
56	Supramolecular organization in lead(II) halides of 4,4'-dimethoxy-2,2'-bipyridine ligand. Journal of Molecular Structure, 2013, 1049, 205-211.	1.8	6
57	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. Journal of Coordination Chemistry, 2013, 66, 986-994.	0.8	6
58	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. New Journal of Chemistry, 2014, 38, 3375.	1.4	6
59	Coordination of a triazine ligand with Cu ^{II} and Ag ^I investigated by spectral, structural, theoretical and docking studies. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 1389-1397.	0.2	6
60	π-π Stacking-Interlinked Molecular Squares with Hepta-Coordinated Cadmium(II) Corners, [Cd(DMAP) ₃ (NO ₂) ₂].0.5H ₂ O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1932-1934.	0.6	5
61	CdII 4,4,4-trifluoro-1-phenyl-1,3-butanedione complexes of 1,10-phenanthroline and 4,4'-bipyridine. Journal of Coordination Chemistry, 2007, 60, 2107-2114.	0.8	5
62	Synthesis and Crystal Structure of Lead(II) Thenoyltrifluoroacetate Complexes with Substituted 2,2'-Bipyridines: Interplay of Intermolecular Interactions in Crystals. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 128-134.	0.3	5
63	Synthesis and characterization of three dinuclear complexes of AgI with 2,3-bis(2-pyridyl)pyrazine and derivated of trifluoromethylidikeonate ligands. Journal of Molecular Structure, 2012, 1022, 25-31.	1.8	5
64	Spectral, structural and theoretical study of novel helical and linear structures of Pb ₂ and PbBr ₂ complexes with a triazine ligand. Journal of Coordination Chemistry, 2019, 72, 1876-1889.	0.8	5
65	Synthesis of Sterically Congested Stabilized Phosphorus Ylides from Acetylenic Esters, 4,4,4-Trifluoro-1-(2-naphthyl)-1,3-butanedione, and Triphenylphosphine. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 1564-1570.	0.8	4
66	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. Journal of Coordination Chemistry, 2009, 62, 3332-3342.	0.8	4
67	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. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2011, 41, 234-240.	0.6	4
68	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.	0.2	4
69	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. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1537-1540.	0.8	3
70	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. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 2855-2859.	0.8	3
71	A New 3D Coordination Polymer of Bismuth with Nicotinic AcidN-Oxide. Journal of Chemistry, 2013, 2013, 1-5.	0.9	3
72	Syntheses and Characterization of Two New M(II)-5,5'-dimethyl-2,2'-bipyridine (M=Ag and Pb) Coordination Polymers and Study of Their Thermal and Electrochemical Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 940-947.	1.9	3

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73	Synthesis, Crystal Structure and Thermal Properties of Lead(II) Complex with Bathophenanthroline and Benzoyltrifluoroacetate Ligands. <i>Journal of Chemistry</i> , 2013, 2013, 1-5.	0.9	2
74	Syntheses, structures and properties of a new compound of the type $[Zn(4,4\text{-dmo-}2,2\text{-bpy})_2(\text{CH}_3\text{COO})]_2[Zn(\text{SCN})_4]\cdot\text{H}_2\text{O}$ with zinc in two cationic and one anionic complexes. <i>Main Group Chemistry</i> , 2015, 14, 105-114.	0.4	2
75	Ultrasonic assistance syntheses of new nano-sized lead(II) coordination polymers: motifs for PbO preparation. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 1271-1279.	1.2	1
76	$\frac{1}{4}$ -Pyrazine-bis[tetraaquacadmium(II)] $\frac{1}{4}$ -pyrazine-bis[tetraacetatocadmium(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m736-m737.	0.2	0
77	Three-Dimensional Supramolecular Network Directed by Intermolecular Interactions in $[\text{Pb}_2(\text{dmp})_2(\text{hfacac})_4]$. <i>E-Journal of Chemistry</i> , 2009, 6, 1085-1090.	0.4	0
78	Two New Lead(II) Coordination Polymers with (Substituted) Bipyridine and Auxiliary Nitrate Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, NA-NA.	0.6	0
79	Synthesis and crystal structures of two new lead(II) complexes with the pincer-type ligand 4-(4-chlorophenyl)-2,2,6,6-tetrapyridine (Cl-Ph-tpy): subtle interplay of weak intermolecular interactions. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 1043-1048.	0.3	0
80	Mononuclear and polymeric zinc(II) β -diketonate complexes with aromatic N-donor ligands: Structural, spectral, thermal, theoretical and docking studies. <i>Polyhedron</i> , 2022, 218, 115757.	1.0	0