

Janet Soleimannejad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ligand Substitution within Nonporous Crystals of a Coordination Polymer: Elimination from and Insertion into Ag ⁺ ⋯O Bonds by Alcohol Molecules in a Solid–Vapor Reaction. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1693-1697.	13.8	65
2	Application of Metal-Organic Framework Nano-MIL-100(Fe) for Sustainable Release of Doxycycline and Tetracycline. <i>Nanomaterials</i> , 2017, 7, 215.	4.1	43
3	Chemical transformations of a crystalline coordination polymer: a multi-stage solid–vapour reaction manifold. <i>Chemical Science</i> , 2013, 4, 696-708.	7.4	35
4	Dopamine Sensing Based on Ultrathin Fluorescent Metal–Organic Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44499-44507.	8.0	35
5	Sonochemical synthesis of a new nano-sized cerium(III) coordination polymer and its conversion to nanoceria. <i>Ultrasonics Sonochemistry</i> , 2015, 26, 273-280.	8.2	25
6	Novel Complexes of Zinc(II) with Different Proton Transfer Ion Pairs Obtained from Dipicolinic Acid: Synthesis, Characterization and X-ray Crystal Structure. <i>Journal of Chemical Crystallography</i> , 2008, 38, 645-654.	1.1	21
7	Mechanochemically synthesized crystalline luminescent 2D coordination polymers of La ³⁺ and Ce ³⁺ , doped with Sm ³⁺ , Eu ³⁺ , Tb ³⁺ , and Dy ³⁺ : synthesis, crystal structures and luminescence. <i>CrystEngComm</i> , 2016, 18, 6738-6747.	2.6	21
8	Different complexation Behavior of Fe(III), Co(II) and Ni(II) with pyridine-2,6-dicarboxylic acid and 4,4'-Bipyridine adduct: Syntheses, crystal structures and solution studies. <i>Journal of the Iranian Chemical Society</i> , 2011, 8, 247-264.	2.2	20
9	The salt–cocrystal spectrum in salicylic acid–adenine: the influence of crystal structure on proton-transfer balance. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 412-421.	0.5	16
10	Structural diversity and applications of Ce(III)-based coordination polymers. <i>Coordination Chemistry Reviews</i> , 2020, 419, 213392.	18.8	16
11	Dual-emitting barium based metal-organic nanosheets as a potential sensor for temperature and anthrax biomarkers. <i>Nanotechnology</i> , 2020, 31, 245706.	2.6	16
12	Ultrasound-assisted exfoliation of a layered 2D coordination polymer with HER electrocatalytic activity. <i>Ultrasonics Sonochemistry</i> , 2021, 70, 105292.	8.2	16
13	Combined Cutaneous Therapy Using Biocompatible Metal-Organic Frameworks. <i>Nanomaterials</i> , 2020, 10, 2296.	4.1	15
14	Two novel metal organic frameworks of Sn(II) and Pb(II) with Pyridine-2,6-dicarboxylic Acid and 4,4'-Bipyridine: syntheses, crystal structures and solution studies. <i>Journal of the Iranian Chemical Society</i> , 2010, 7, 405-418.	2.2	14
15	Piperazinedium bis(pyridine-2,6-dicarboxylato)nickelate(II) tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1710-m1711.	0.2	13
16	Piperazinium hexaaquacobalt(II) bis[bis(pyridine-2,6-dicarboxylato)cobaltate(II)] octahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1803-m1804.	0.2	12
17	Bis(guanidinium) bis(4-hydroxypyridine-2,6-dicarboxylato- \cdot 3O ₂ ,N,O ₆)nickelate(II) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m144-m145.	0.2	12
18	Sonochemical synthesis of a new nano-sized cerium(III) supramolecular compound; Precursor for nanoceria. <i>Ultrasonics Sonochemistry</i> , 2016, 31, 122-128.	8.2	10

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19	Sonochemical synthesis of a new nano-sized barium coordination polymer and its application as a heterogeneous catalyst towards sono-synthesis of biodiesel. <i>Ultrasonics Sonochemistry</i> , 2018, 42, 193-200.	8.2	10
20	4-(4-Pyridyl)pyridinium bis(pyridine-2,6-dicarboxylato)chromium(III) tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m564-m565.	0.2	9
21	Sensitizing, sensing and chemical separation of Tb(III) ions: All in a novel copper metal-organic framework. <i>Materials Research Bulletin</i> , 2020, 122, 110683.	5.2	9
22	A new stable and reusable nanoscale Cu(II) coordination polymer as an efficient dye adsorbent. <i>Inorganica Chimica Acta</i> , 2020, 509, 119716.	2.4	9
23	2,9-Dimethyl-1,10-phenanthroline bis(pyridine-2,6-dicarboxylato- λ^3 O,N, λ^2)ferrate(III) dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1760-m1760.	0.2	8
24	Aqua(4-hydroxypyridine-2,6-dicarboxylato)(1,10-phenanthroline)copper(II) 4.5-hydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m252-m253.	0.2	8
25	Diaquabis(3-carboxypyridine-2-carboxylato- λ^2 N,O $_2$)zinc(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m1769-m1769.	0.2	7
26	4,4'-Bipyridinediium triaquabis(pyridine-2,6-dicarboxylato)strontium(II) trihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m3089-m3090.	0.2	7
27	Synthesis, characterization, solution study and crystal structure of complexes of Cr(III), Co(II), Ni(II) and Cu(II) with chelidamic acid and 2,9-dimethyl-1,10-phenanthroline. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 415-430.	2.2	7
28	A new pseudopolymorph of diphenic acid and 4,4'-bipyridine co-crystal: Structural and theoretical study. <i>Journal of Molecular Structure</i> , 2014, 1076, 620-628.	3.6	7
29	4-(4-Pyridyl)pyridinium bis(pyridine-2,6-dicarboxylato)ferrate(III) tetrahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, m411-m411.	0.2	6
30	Application of ultrasound to the synthesis of a new nanostructured Mn(II) supramolecular compound: A precursor for λ^3 -Mn ₂ O ₃ nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2016, 32, 277-283.	8.2	6
31	Asymmetric Schiff base ligand enables synthesis of fluorescent and near-IR emitting lanthanide compounds. <i>Journal of Molecular Structure</i> , 2020, 1219, 129060.	3.6	6
32	4,4'-Bipyridine- λ^2 -2-hydroxypropane-1,2,3-tricarboxylic acid (3/2). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o532-o533.	0.2	6
33	Crystal engineering of an adenine- λ^2 -decavanadate molecular device towards label-free chemical sensing and biological screening. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 85-92.	1.1	6
34	Efficient and ecofriendly cellulose-supported MIL-100(Fe) for wastewater treatment. <i>RSC Advances</i> , 2022, 12, 9023-9035.	3.6	6
35	The effect of ligand substituent on crystal packing: Structural and theoretical studies of two Ga(III) supramolecular compounds. <i>Journal of Molecular Structure</i> , 2016, 1116, 207-217.	3.6	5
36	OD to 3D Pr ^{III} metal-organic networks crystal engineered for optimal iodine adsorption. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 779-788.	1.1	5

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37	(2,9-Dimethyl-1,10-phenanthroline)(4-hydroxypyridine-2,6-dicarboxylato)copper(II) trihydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m761-m762.	0.2	4
38	Two supramolecular complexes of gallium(III) with different adduct ion pairs containing pyridine-2,6-dicarboxylic acid: Syntheses, characterization, crystal structures and computational study. Journal of Structural Chemistry, 2014, 55, 342-352.	1.0	4
39	Synthesis of crystalline NiO nanorodes from a new Ni(II) nano-coordination compound and its application in sonocatalytic dye removal. Materials Research Express, 2019, 6, 115065.	1.6	4
40	A Novel Metal Organic Compound of Al(III): Synthesis, Crystal Structure, Spectroscopic and Theoretical Study. Journal of Chemical Crystallography, 2012, 42, 1152-1161.	1.1	3
41	Cathecol and Naphtol Groups in Salphen-Type Schiff Bases for the Preparation of Polynuclear Complexes. International Journal of Molecular Sciences, 2020, 21, 3574.	4.1	3
42	Crystal Structure of a Proton-Transfer Self-Associated Compound from 1,10-Phenanthroline-2,9-dicarboxylic Acid and Creatinine. Analytical Sciences: X-ray Structure Analysis Online, 2005, 21, X49-X50.	0.1	2
43	4,4'-Bipyridinium bis(2-carboxypyridine-3-carboxylate). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, o153-o153.	0.2	2
44	4,4'-Bipyridinium bis(1/4-4-oxo-1,4-dihydropyridine-2,6-dicarboxylato)bis[aquahydroxidoantimonate(III)] dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m467-m468.	0.2	2
45	3-(Aminocarbonyl)pyridinium diaqua-bis(pyridine-2,6-dicarboxylato)bismuthate(III) monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m952-m953.	0.2	2
46	Synthesis, structural and theoretical study of two new proton transfer compounds based on diphenic acid. Journal of Molecular Structure, 2017, 1147, 244-251.	3.6	2
47	Propane-1,3-diaminium 2-carboxypyridine-6-carboxylate pyridine-2,6-dicarboxylic acid water (1/2/2/8). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o231-o232.	0.2	2
48	Bis(4,4'-bipyridinium) di-1/4-hydroxido-bis[dihydroxido(pyridine-2,6-dicarboxylato)antimonate(III,V)] octahydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m387-m388.	0.2	2
49	2-(2-Pyridyl)pyridinium bis(pyridine-2,6-dicarboxylato-Î³3O,N,Oâ€²)aluminate(III) trihydrate. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m870-m871.	0.2	2
50	A new three-dimensional coordination polymer of Sr^{II} based on dipicolinic acid, with different coordination environments for Sr^{II}. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 613-616.	0.5	1
51	(2-Aminopyrimidine-Î²N1)aqua(pyridine-2,6-dicarboxylato-Î³3O2,N,O6)copper(II): X-ray and DFT calculated structure. Acta Crystallographica Section C, Structural Chemistry, 2015, 71, 386-393.	0.5	1
52	Preparation of CeO2 nanoparticles from a new cerium(III) supramolecular compound. Inorganica Chimica Acta, 2017, 467, 132-135.	2.4	1
53	Sonochemical synthesis of two nanoscale Co(II) coordination compounds: Facile fabrication of Co3O4 nanoparticles with various morphologies. Polyhedron, 2020, 185, 114565.	2.2	1
54	A low molecular weight Zr(IV) metallogel for protein delivery. Materials Today Communications, 2021, 27, 102448.	1.9	1

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55	Poly[$\frac{1}{2}$ -aqua-aqua- $\frac{1}{4}$ -pyridine-2,4-dicarboxylato-strontium]. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m922-m922.	0.2	1
56	A V($\frac{1}{2}$)-induced metallogel with solvent stimuli-responsive properties: structural proof-of-concept with MD simulations. RSC Advances, 2021, 11, 36801-36813.	3.6	1
57	Isomorph supramolecular coordination compounds of cobalt(II) and nickel(II) based on pyridine-2,4-dicarboxylic acid and creatinine adduct. Journal of the Iranian Chemical Society, 2015, 12, 233-244.	2.2	0
58	Controlled API release in azelaic acid coordination compounds with potential dermatological properties. Journal of Molecular Structure, 2022, 1248, 131393.	3.6	0