

Lilia M Croitor

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polymeric Zn(II) and Cd(II) Sulfates with Bipyridine and Dioxime Ligands: Supramolecular Isomerism, Chirality, and Luminescence. <i>Crystal Growth and Design</i> , 2011, 11, 3536-3544.	3.0	42
2	Anion-Induced Generation of Binuclear and Polymeric Cd(II) and Zn(II) Coordination Compounds with 4,4'-Bipyridine and Dioxime Ligands. <i>Crystal Growth and Design</i> , 2009, 9, 5233-5243.	3.0	39
3	Preparation, structural characterization and luminescence studies of mono- and binuclear Zn(II) and Cd(II) acetates with pyridine-4-aldoxime and pyridine-4-amidoxime ligands. <i>Polyhedron</i> , 2014, 75, 73-80.	2.2	33
4	Polymeric Luminescent Zn(II) and Cd(II) Dicarboxylates Decorated by Oxime Ligands: Tuning the Dimensionality and Adsorption Capacity. <i>Crystal Growth and Design</i> , 2014, 14, 3935-3948.	3.0	32
5	Nine Mn(II), Zn(II) and Cd(II) mixed-ligand coordination networks with rigid dicarboxylate and pyridine-n-aldoxime ligands: Impact of the second ligand in the structures' dimensionality and solvent capacity. <i>Polyhedron</i> , 2017, 129, 9-21.	2.2	30
6	From discrete molecules to one-dimensional coordination polymers containing Mn(II), Zn(II) or Cd(II) pyridine-2-aldoxime building unit. <i>Polyhedron</i> , 2013, 60, 140-150.	2.2	26
7	Mechanism of Nonlinear Optical Enhancement and Supramolecular Isomerism in 1D Polymeric Zn(II) and Cd(II) Sulfates with Pyridine-4-aldoxime Ligands. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9217-9227.	3.1	25
8	Synthesis, structures, and luminescence properties of mixed ligand Cd(II) and Zn(II) coordination compounds mediated by 1,2-bis(4-pyridyl)ethane. <i>Inorganica Chimica Acta</i> , 2011, 370, 411-419.	2.4	24
9	1,2-Cyclohexanedionedioxime as a useful co-ligand for fabrication of one-dimensional Zn(ii) and Cd(ii) coordination polymers with wheel-and-axle topology and luminescent properties. <i>CrystEngComm</i> , 2012, 14, 3750.	2.6	23
10	MOF-71 as a degradation product in single crystal to single crystal transformation of new three-dimensional Co(II) 1,4-benzenedicarboxylate. <i>CrystEngComm</i> , 2016, 18, 38-41.	2.6	22
11	Tuning structures and emissive properties in a series of Zn(II) and Cd(II) coordination polymers containing dicarboxylic acids and nicotinamide pillars. <i>CrystEngComm</i> , 2018, 20, 432-447.	2.6	22
12	A one-dimensional coordination polymer based on Cu ₃ -oximate metallacrowns bridged by benzene-1,4-dicarboxylate ligands: structure and magnetic properties. <i>Dalton Transactions</i> , 2015, 44, 7896-7902.	3.3	21
13	Preparation, spectroscopic and X-ray study of [Cu ₂ (Hdmg) ₄ (^{3,3'} -dpy)] ₂ ·4H ₂ dmg and [Cu ₂ (Hdmg) ₄ (^{3,3'} -dpy)] ₂ ·[Cu(Hdmg) ₂ (^{3,3'} -dpy)] ₂ ·2H ₂ dmg. <i>Inorganica Chimica Acta</i> , 2009, 362, 2151-2159.	3.4	19
14	Effects of Anion and Bipyridyl Bridging Ligand Identity on the Co(II) Coordination Networks. <i>Crystal Growth and Design</i> , 2014, 14, 3015-3025.	3.0	19
15	'Wheel-and-axle' binuclear Cu(II) dioximates mediated by 1,2-bis(4-pyridyl)ethane: Synthesis, X-ray study and luminescent properties. <i>Polyhedron</i> , 2011, 30, 2592-2598.	2.2	18
16	Six Flexible and Rigid Co(II) Coordination Networks with Dicarboxylate and Nicotinamide-Like Ligands: Impact of Noncovalent Interactions in Retention of Dimethylformamide Solvent. <i>Crystal Growth and Design</i> , 2016, 16, 7011-7024.	3.0	14
17	From pink to blue and back to pink again: changing the Co(II) ligation in a two-dimensional coordination network upon desolvation. <i>CrystEngComm</i> , 2016, 18, 384-389.	2.6	14
18	Ethylethanolammonium 4-nitrobenzoate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 343-352.	3.6	12

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19	Crystal Engineering of Schiff Base Zn(II) and Cd(II) Homo- and Zn(II)M(II) (M = Mn or Cd) Heterometallic Coordination Polymers and Their Ability to Accommodate Solvent Guest Molecules. <i>Molecules</i> , 2021, 26, 2317.	3.8	12
20	Mononuclear Cd(II) and Zn(II) complexes with the 1,2-cyclohexanedionedioxime ligand: Preparation and structural characterization. <i>Polyhedron</i> , 2012, 38, 68-74.	2.2	11
21	The luminescence attenuation in the solid state by fluoride anion entrapped in the one-dimensional Zn(II) dioximate and mononuclear Cd(II) dioxime compounds. <i>Polyhedron</i> , 2016, 109, 107-114.	2.2	11
22	Solvent-rich layered cobalt(II) 1,4-benzenedicarboxylate based on binuclear $\{Co_2(\frac{1}{4}OH_2)(RCOO)_2\}$ secondary building unit. <i>Journal of Molecular Structure</i> , 2017, 1137, 136-141.	3.6	11
23	Evolution from discrete mononuclear complexes to trinuclear linear cluster and 2D coordination polymers of Mn(II) with dihydrazone Schiff bases: Preparation, structure and thermal behavior. <i>Polyhedron</i> , 2021, 206, 115329.	2.2	11
24	X-ray Structure Elucidation of a Pt-Metalloporphyrin and Its Application for Obtaining Sensitive AuNPs-Plasmonic Hybrids Capable of Detecting Triiodide Anions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 710.	4.1	10
25	p-Aminobenzoate Organic Salts as Potential Plant Growth Regulators for Tomatoes. <i>Molecules</i> , 2020, 25, 1635.	3.8	9
26	Unique tetranuclear heterometallic compound $[Na_2Zn_2\{(4-py)C(H)(NOH)\}_2(CH_3COO)_6(H_2O)_4].2H_2O$ with luminescent properties. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1528-1531.	3.9	8
27	The role of 4-nitrobenzoic acid polymorphs in the crystallization process of organic acid-base multicomponent systems. <i>CrystEngComm</i> , 2019, 21, 6038-6047.	2.6	7
28	Structure and mechanical features of one-dimensional coordination polymer catena- $\{(1/4)_{adipato-O,O}^{2-}\}$ -bis(pyridine-4-aldoxime)-copper(II). <i>CrystEngComm</i> , 2015, 17, 2450-2458.	2.6	6
29	Diaquabis(pyridine-2-carboxylato) $^{2-}$ zinc dimethylformamide hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m454-m454.	0.2	6
30	Two Zn(II) mononuclear coordination compounds with pyridinedicarboxylate and auxiliary N-(pyridin-4-ylmethylidene)hydroxylamine ligands. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 1101-1104.	0.5	5
31	Sulfur extrusion and sulfur oxidation of 2,2-dithiodibenzoic acid in combination with Cu(II) ion and in the absence of co-ligands: Structural, spectroscopic and thermogravimetric evidence. <i>Polyhedron</i> , 2018, 151, 51-57.	2.2	5
32	A new supramolecular isomer of p-aminobenzoate Zn(II) coordination polymer: Structure and photoluminescent property. <i>Polyhedron</i> , 2019, 171, 502-507.	2.2	5
33	Organic salt versus salt cocrystal: thermal behavior, structural and photoluminescence investigations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 1203-1213.	3.6	5
34	Metal ions impact on the isostructurality and properties of 2D coordination polymers. <i>CrystEngComm</i> , 2022, 24, 4430-4439.	2.6	5
35	The structure of solvate $[Cu_2(DfH)4(4,4'-Bipy)] \cdot 2DMF$. <i>Crystallography Reports</i> , 2009, 54, 837-840.	0.6	4
36	Structural characterization and emission properties of mixed-ligand transition metal coordination complexes with dicarboxylic acids and pyrazinecarboxamide. <i>Polyhedron</i> , 2019, 170, 245-252.	2.2	4

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37	Advances in new multicomponent crystal system: structure, thermal kinetic analysis, photoluminescent, and biological activity investigations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 191-201.	3.6	4
38	Supramolecular solid-state patterns generated by hydrogen bonding and π - π stacking interactions in the mononuclear Cr(III) complexes. <i>Polyhedron</i> , 2015, 102, 410-416.	2.2	3
39	Synthesis and structure of mononuclear zinc complexes with pyridine-2-aldoxime. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017, 43, 278-285.	1.0	3
40	Six transition metal-organic materials with the ditopic 4,4'-diaminodiphenylmethane ligand: Synthesis, structure characterization and luminescent properties. <i>Polyhedron</i> , 2020, 192, 114844.	2.2	3
41	The solvent effect in obtaining of acid-base multicomponent systems: thermal, structural and luminescence study. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 973-979.	3.6	3
42	Supramolecular architectures and photoluminescent properties of triethanolammonium 4-nitrobenzoate salt and its Ni(II) complexes. <i>Polyhedron</i> , 2021, 193, 114893.	2.2	3
43	Four Cu(II) coordination polymers with biocompatible isonicotinamide and picolinate ligands in interplay with anionic and neutral linkers. <i>Inorganic Chemistry Communication</i> , 2021, 132, 108864.	3.9	3
44	Synthesis and Crystal Structures of Luminescent Mononuclear Ni(ii) and Cd(ii) Complexes with 1,10-phenanthroline. <i>Chemistry Journal of Moldova</i> , 2017, 12, 102-108.	0.6	3
45	Reaction of 6-Methylthiouracil and 6-Phenylthiouracil with Chloro-Dicarbonyl and Bromo-Dicarbonyl Compounds and Their Nitrile Analogs. <i>Journal of Heterocyclic Chemistry</i> , 2016, 53, 2030-2035.	2.6	2
46	Synthesis and structure of some zinc and cadmium 1,2-cyclohexanedione dioximines. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2017, 43, 433-440.	1.0	2
47	New Solvatomorph of Tetrakis(η^2 -Acetato-O,O')-Bis(Isonicotinamide-N)-Di-Copper(II): Synthesis, IR, TGA and X-Ray Study. <i>Chemistry Journal of Moldova</i> , 2015, 10, 33-39.	0.6	2
48	A Novel 2d Zinc(II) Coordination Polymer Based on 2,2'-bipyridine-4,4'-dicarboxylic Acid: Synthesis, Crystal Structure and Photoluminescence Property. <i>Chemistry Journal of Moldova</i> , 2018, 13, 30-35.	0.6	2
49	Anion-assisted Fe(III)-coordination supramolecular systems based on 2,6-diacetylpyridine dihydrazone. <i>Polyhedron</i> , 2022, 215, 115679.	2.2	2
50	Bioprospecting Fluorescent Plant Growth Regulators from Arabidopsis to Vegetable Crops. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2797.	4.1	1
51	Bis[2-(hydroxyimino)cyclohexan-1-one oximato- η^2 N,N']copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, m240-m240.	0.2	0
52	Relationship between crystal structure and thermal properties of polymorphic system methylethanolammonium 2-chloro-4-nitrobenzoate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 5437.	3.6	0