

Apinpus Rujiwatra

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure and photoluminescence of two-dimensional lanthanide coordination polymers of mixed phthalate and azobenzene dicarboxylate. <i>Journal of Molecular Structure</i> , 2022, 1251, 131940.	3.6	3
2	Crystal structure and photoluminescent properties of a new Eu ^{III} phthalate acetate coordination polymer. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 536-539.	0.5	2
3	Mercury removal efficiency of disulfide- and thiol-functionalized lanthanide coordination polymers. <i>Chemosphere</i> , 2022, 305, 135330.	8.2	2
4	Reversible Structural Transformation and Catalytic Potential of Lanthanide-Azobenzenetetracarboxylates. <i>Inorganic Chemistry</i> , 2022, 61, 10383-10392.	4.0	3
5	Silver-miang nanocomposites: A green, rapid and simple approach for selective determination of nitrite in water and meat samples. <i>Microchemical Journal</i> , 2021, 162, 105879.	4.5	1
6	Lanthanide Coordination Polymers through Design for Exceptional Catalytic Performances in CO ₂ Cycloaddition Reactions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8581-8591.	6.7	23
7	Highly Porous Ionic Solids Consisting of Au ₃ Co ₁₁ Complex Anions and Aqua Metal Cations. <i>Inorganic Chemistry</i> , 2021, 60, 12555-12564.	4.0	3
8	Photoluminescent Ionic Solids of S-Bridged Gold(I)-Gallium(III) and Gold(I)-Indium(III) Hexanuclear Complexes. <i>Bulletin of the Chemical Society of Japan</i> , 2021, 94, 2076-2078.	3.2	2
9	Highly disordering nanoporous frameworks of lanthanide-dicarboxylates for catalysis of CO ₂ cycloaddition with epoxides. <i>Journal of Solid State Chemistry</i> , 2021, 303, 122464.	2.9	5
10	Terbium metal organic framework: Microwave synthesis and selective sensing of nitrite. <i>Inorganic Chemistry Communication</i> , 2020, 111, 107627.	3.9	11
11	Crystal structures and photoluminescent properties of highly disordering lanthanide-2,5-pyridinedicarboxylate frameworks. <i>Inorganica Chimica Acta</i> , 2020, 500, 119236.	2.4	2
12	Crystal structures and temperature-dependent photoluminescence of lanthanide coordination frameworks of mixed-benzenedicarboxylates. <i>Journal of Coordination Chemistry</i> , 2020, 73, 333-345.	2.2	3
13	Gas Adsorption, Proton Conductivity, and Sensing Potential of a Nanoporous Gadolinium Coordination Framework. <i>Inorganic Chemistry</i> , 2020, 59, 3053-3061.	4.0	9
14	Diversity in framework architecture of lanthanide-2,5-pyridinedicarboxylate-sulfate coordination polymers. <i>Journal of Solid State Chemistry</i> , 2019, 278, 120902.	2.9	3
15	Crystal structures and Hirshfeld surface analysis of transition-metal complexes of 1,3-azolecarboxylic acids. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 1319-1326.	0.5	1
16	Microwave synthesis of ZnO nanoparticles using longan seeds biowaste and their efficiencies in photocatalytic decolorization of organic dyes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 17548-17554.	5.3	15
17	Colorimetric analysis: A new strategy to improve ratiometric temperature sensing performance of lanthanide benzenedicarboxylates. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 377, 167-172.	3.9	2
18	Crystal structure of (1,3-thiazole-2-carboxylato- λ^5 -N)(1,3-thiazole-2-carboxylic) Tj ETQqO O 0 rgBT /Overlock 10 Tf 50 67 Td (acid- λ^5 -N) 185-188.	0.5	4

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19	Organically pillared layer framework of [Eu(NH ₂) ₂ (BDC)(ox)(H ₃ O)]. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1833-1838.	0.5	0
20	Kaffir lime leaf extract mediated synthesis, anticancer activities and antibacterial kinetics of Ag and Ag/AgCl nanoparticles. Particuology, 2018, 40, 160-168.	3.6	18
21	Lanthanide Coordination Polymers of Mixed Phthalate/Adipate for Ratiometric Temperature Sensing in the Upper-Intermediate Temperature Range. Inorganic Chemistry, 2018, 57, 2620-2630.	4.0	33
22	Ratiometric luminescence behavior of lanthanide-mixed benzenedicarboxylates frameworks. Materials Letters, 2018, 213, 166-169.	2.6	5
23	NO ₂ -BDC as sensitizer and photoluminescence properties of [(La)(NO ₂ -BDC) _{1.5} (H ₂ O) ₄] and [(LaLn)(NO ₂ -BDC) _{1.5} (H ₂ O) ₄] (Ln = Eu, Tb). Journal of Physics: Conference Series, 2018, 1144, 012145.	0.4	0
24	Unsaturated Mn(II)-Centered [Mn(BDC)] _n Metal-Organic Framework with Strong Water Binding Ability and Its Potential for Dehydration of an Ethanol/Water Mixture. Inorganic Chemistry, 2018, 57, 13075-13078.	4.0	6
25	Structural Variation and Preference in Lanthanide-pyridine-2,6-dicarboxylate Coordination Polymers. Crystal Growth and Design, 2017, 17, 1045-1054.	3.0	18
26	Crystal structures and gas adsorption behavior of new lanthanide-benzene-1,4-dicarboxylate frameworks. Microporous and Mesoporous Materials, 2017, 251, 155-164.	4.4	10
27	Copper coordination polymers constructed from thiazole-5-carboxylic acid: Synthesis, crystal structures, and structural transformation. Journal of Solid State Chemistry, 2017, 245, 138-145.	2.9	10
28	Psidium guajava Linn. extract mediated microwave synthesis and photocatalytic activities of ZnO nanoparticles. Materials Letters, 2016, 177, 124-127.	2.6	8
29	Polymorphism in metal complexes of thiazole-4-carboxylic acid. Transition Metal Chemistry, 2016, 41, 783-793.	1.4	17
30	Influence of secondary ligand on structures and topologies of lanthanide coordination polymers with 1,3,5-triazine-2,4,6-triamine hexaacetic acid. Journal of Coordination Chemistry, 2015, 68, 4184-4202.	2.2	5
31	A New 1D Coordination Polymer of Lanthanum-Sulfate-1,10-Phenanthroline: Synthesis, Structure, and Photoluminescence Property. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 1373-1379.	0.6	3
32	Two-dimensional anionic zinc benzenedicarboxylates: Ionothermal syntheses, structures, properties and structural transformation. Polyhedron, 2014, 68, 241-248.	2.2	6
33	A series of new microporous lanthanide frameworks [Ln(C ₈ H ₃ NO ₆)(L) _{0.5} (H ₂ O)] _n ·3H ₂ O (Ln=Pr, Nd, Sm) Tj ETQq1 1 0.784314 rgBT /O properties. Polyhedron, 2014, 81, 74-80.	2.2	6
34	A Flexible Hexacarboxylate-Samarium(III) Metal-Organic Framework: Synthesis, Structure and Spectroscopic Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 1032-1038.	3.7	4
35	A Chiral Decorated Metal-Isonicotinate Coordination Polymer. Journal of Chemical Crystallography, 2013, 43, 299-305.	1.1	1
36	Ultrasonic cavitation assisted solvothermal synthesis of superparamagnetic zinc ferrite nanoparticles. Particuology, 2013, 11, 588-593.	3.6	20

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37	catena-Poly[[bis(pyridine- \hat{N})zinc]- $\hat{1}/4$ -5-carboxybenzene-1,3-dicarboxylato- \hat{O} 1:O3]. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m345-m345.	0.2	0
38	$\hat{1}/4$ -3-Methoxido- \hat{O} :O:O-tris($\hat{1}/4$ -L-p-tyrosinato- \hat{N} 3N,O:O)tris(L-p-tyrosinato- \hat{N} 2N,O)trinickel(II,III) methanol tetrasolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m286-m287.	0.2	1
39	Bis(1,10-phenanthroline- \hat{N} 2N,N \hat{a} \hat{e} $\hat{2}$)(sulfato- \hat{O})copper(II) ethanol monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m568-m569.	0.2	3
40	(1R,3R,4R,6S)-4-(7-Methoxy-2-oxo-2H-chromen-6-yl)-1-methyl-3,6-dioxabicyclo[3.1.0]hexan-2-yl acetate. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3421-o3422.	0.2	3
41	New Polymorph of 1,3,5-Triazine-2,4,6-triaminehexaacetic Acid. Journal of Chemical Crystallography, 2012, 42, 733-738.	1.1	1
42	Microwave-assisted SNAr reaction of 2,4,6-trichloro-1,3,5-triazine for the rapid synthesis of C3-symmetrical polycarboxylate ligands. Tetrahedron Letters, 2012, 53, 3486-3489.	1.4	17
43	A second crystal form of [Ni(2,2 \hat{a} \hat{e} $\hat{2}$ -bipyridine)(H ₂ O) ₃ (NO ₃)](NO ₃) featuring a different molecular orientation. Polyhedron, 2012, 31, 345-351.	2.2	7
44	Lanthanide Sulfate Frameworks: Synthesis, Structure, and Optical Properties. Crystal Growth and Design, 2011, 11, 1347-1356.	3.0	27
45	[Ni(1,10-phenanthroline) ₂ (H ₂ O) ₂](NO ₃) ₂ : A Simple Coordination Complex with a Remarkably Complicated Structure that Simplifies on Heating. Crystals, 2011, 1, 178-194.	2.2	8
46	Microwave synthesis and crystal structures of two cobalt-4,4 \hat{a} \hat{e} $\hat{2}$ -bipyridine-sulfate frameworks constructed from 1-D coordination polymers linked by hydrogen bonding. Polyhedron, 2011, 30, 259-268.	2.2	11
47	Tris(ethylenediamine)cobalt(II) sulfate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m628-m628.	0.2	3
48	Intercalated brucite-type layered cobalt(II) hydroxysulfate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i52-i52.	0.2	0
49	Preparation and Characterization of Bis($\hat{1}/4$ -1,2-diaminoethane)cobalt(II) Hexavanadate: A Layered Polyoxovanadate Pillared by a Cobalt Coordination Complex. Journal of Chemical Crystallography, 2009, 39, 525-529.	1.1	0
50	Microwave Assisted Crystal Growth of a New Organic \hat{a} Decavanadate Assembly: [V ₁₀ O ₂₇ (OH)] \hat{A} \hat{A} \hat{A} $\hat{2}$ (C ₆ N ₂ H ₁₄) \hat{A} \hat{A} \hat{A} (C ₆ N ₂ H ₁₃) \hat{A} \hat{A} \hat{A} (C ₆ N ₂ H ₁₂) \hat{A} \hat{A} \hat{A} 2H ₂ O. Journal of Inorganic and Organometallic Polymers and Materials, 2009, 19, 306-313.		8
51	Fabrication and dielectric properties of lead titanate nanocomposites. Journal of Alloys and Compounds, 2009, 475, 473-478.	5.5	11
52	(1-Butyl-1,4-diazabicyclo[2.2.2]octon-1-ium- \hat{N} 4)trichloridocobalt(II). Acta Crystallographica Section E: Structure Reports Online, 2009, 65, m321-m322.	0.2	0
53	Crystal Structures, Thermogravimetric and Magnetic Properties of Four Organodiamine Templated Vanadium Oxide Frameworks: Influences of Diaminoalkane Templates. Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 253-263.	3.7	2
54	Cobalt(ethylenediamine)sulfate: A Pillared Layered Coordination Polymer. Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 352-357.	3.7	2

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55	Effects of microwave heating on sonocatalyzed hydrothermal preparation of lead titanate nanopowders. <i>Materials Letters</i> , 2008, 62, 3685-3687.	2.6	8
56	Sonocatalyzed hydrothermal preparation of lead titanate nanopowders. <i>Materials Letters</i> , 2007, 61, 4522-4524.	2.6	8
57	Effects of milling time and calcination condition on phase formation and particle size of lead zirconate nanopowders prepared by vibro-milling. <i>Journal of Materials Science</i> , 2007, 42, 8438-8446.	3.7	9
58	Hydrothermal Crystal Growth, Structures and Thermal Properties of Co(II)-4,4'-bipyridine-Based Coordination Polymeric Materials. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2007, 17, 561-568.	3.7	6
59	Microwave-Assisted Facile Synthesis and Crystal Structure of cis-[Co(1,10,11,15-tetrahydro-2,4-dioxo-1,2,4-dione)] ₂ . <i>Synthetic Communications</i> , 2006, 36, 7881-883.		
60	Influence of alkali reagents on phase formation and crystal morphology of hydrothermally derived lead titanate. <i>Journal of Crystal Growth</i> , 2006, 289, 224-230.	1.5	16
61	Crystal Structure, Thermal and Magnetic Behavior of Inorganic-Organic Hybrid [M ₄ O ₁₀ (V ₂ O ₄)(C ₆ H ₁₄ N ₂) ₂ ·H ₂ O] Polymer Framework. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2006, 16, 231-239.	3.7	1
62	One-pot hydrothermal synthesis of highly dispersed, phase-pure and stoichiometric lead zirconate. <i>Materials Letters</i> , 2006, 60, 2893-2895.	2.6	4
63	Selective synthesis of zeolitic phillipsite and hibschite hydrogarnet from lignite ash employing calcium hydroxide under mild conditions. <i>Journal of Physics and Chemistry of Solids</i> , 2005, 66, 1085-1090.	4.0	8
64	Stoichiometric synthesis of tetragonal phase pure lead titanate under mild chemical conditions employing NaOH and KOH. <i>Materials Letters</i> , 2005, 59, 1871-1875.	2.6	10
65	Ethane-1,2-diaminium hexaaquazinc(II) sulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m1403-m1404.	0.2	7
66	Synthesis and Characterization of Subcell-Supercell Related Ethylenediamine-Pillared Zinc Hydroxysulfates. <i>Crystal Growth and Design</i> , 2005, 5, 183-189.	3.0	10
67	A selective preparation of phillipsite and sodalite from perlite. <i>Materials Letters</i> , 2004, 58, 2012-2015.	2.6	21
68	Layered Cobalt Hydroxysulfates with Both Rigid and Flexible Organic Pillars: Synthesis, Structure, Porosity, and Cooperative Magnetism. <i>Journal of the American Chemical Society</i> , 2001, 123, 10584-10594.	13.7	207
69	The organo-pillared porous magnetic framework Co ₄ (SO ₄)(OH) ₆ (H ₂ NC ₂ H ₄ NH ₂) _{0.5} ·3H ₂ O. <i>Chemical Communications</i> , 1999, , 2307-2308.	4.1	80
70	Inclusion of cyclodextrins in a metallosupramolecular framework via structural transformations. <i>CrystEngComm</i> , 0, , .	2.6	1