

Dunru Zhu

List of Publications by Year in descending order

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279798

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#	ARTICLE	IF	CITATIONS
1	Pyrrolidine-catalyzed Annulations of Quinone Monoacetals with Naphthols: Synthesis of 2-oxabicyclo[3.3.1]nonane Skeletons, Transformations and Reaction Mechanism. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 622-636.	4.3	5
2	Porosity regulation of metal-organic frameworks for high proton conductivity by rational ligand design: mono- versus disulfonyl-4,4'-biphenyldicarboxylic acid. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1134-1142.	6.0	19
3	One-pot three-component reaction of p-quinone monoacetals, l-proline and naphthols to afford N-aryl-2-arylpyrrolidines. <i>Organic Chemistry Frontiers</i> , 2021, 8, 297-303.	4.5	9
4	Creative Construction of a Series of Chiral 3D Indium-Organic Frameworks with a <i>umy</i> Topology. <i>Inorganic Chemistry</i> , 2021, 60, 9-13.	4.0	7
5	An Unprecedented Bird Nest Molybdenum(V) Cobalt-Phosphate Nanosized Wheel Constructed from the [H ₅₅ (Mo ₂₄ O ₄₈)(Co ₄ O) ₂ Co ₁₆ (PO ₄) ₄₂ (py) ₆ (EtOH) ₂ (H ₂ O) ₁₁] ³⁻ Anion. <i>Chemistry - A European Journal</i> , 2021, 27, 1301-1305.	3.3	4
6	Metal-Free Synthetic Shortcut to Octahydro-Dipyrroloquinoline Skeletons from 2,5-Cyclohexadienone Derivatives and l-Proline. <i>Journal of Organic Chemistry</i> , 2021, 86, 10397-10406.	3.2	5
7	Three-component Reaction of p-Quinone Monoacetals, Amines and Diarylphosphine Oxides to Afford (Phosphinyl)anilides. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 942-948.	4.3	12
8	Three novel topologically different metal-organic frameworks built from 3-nitro-4-(pyridin-4-yl)benzoic acid. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 150-160.	0.5	5
9	Two topologically different 3D Cu ^{II} metal-organic frameworks assembled from the same ligands: control of reaction conditions. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 1060-1068.	1.1	5
10	Preparation, crystal structure and thermal hazard analysis of [aqua(1/4 5-N-(tetrazole-5-ylacetato)-N-(tetrazole-5-yl-2-acetato)amine-7O1:O1, O2, N3, N4, O4:O4)] ₂ lead(II)]. <i>Thermochimica Acta</i> , 2019, 672, 9-13.		13
11	A New Class of Metal-Cyclam-Based Zirconium Metal-Organic Frameworks for CO ₂ Adsorption and Chemical Fixation. <i>Journal of the American Chemical Society</i> , 2018, 140, 993-1003.	13.7	176
12	Topological identification of the first uninodal 8-connected <i>lsz</i> MOF built from 2,2'-difluorobiphenyl-4,4'-dicarboxylate pillars and cadmium(II)-triazolate layers. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 256-262.	0.5	8
13	Unprecedented three-dimensional hydrogen-bonded hex topological chiral lanthanide-organic frameworks built from an achiral ligand. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 1403-1412.	0.5	11
14	Highly Water Stable Lanthanide Metal-Organic Frameworks Constructed from 2,2'-Disulfonyl-4,4'-biphenyldicarboxylic Acid: Syntheses, Structures, and Properties. <i>Crystal Growth and Design</i> , 2017, 17, 5524-5532.	3.0	24
15	Facile synthesis of a water stable 3D Eu-MOF showing high proton conductivity and its application as a sensitive luminescent sensor for Cu ²⁺ ions. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16484-16489.	10.3	99
16	Macrocyclic Se ₄ N ₂ [7,7]ferrocenophane and Se ₂ N[10]ferrocenophane containing benzyl unit: synthesis, complexation, crystal structures, electrochemical and optical properties. <i>Dalton Transactions</i> , 2016, 45, 3417-3428.	3.3	12
17	[Ln ₄ @Ln ₄] matryoshka tetrahedron: a novel secondary building unit. <i>CrystEngComm</i> , 2016, 18, 863-867.	2.6	10
18	Syntheses, structures and properties of two 2-D layered hybrid organic-inorganic materials based on different V ₄ O ₁₂ building units. <i>Dalton Transactions</i> , 2014, 43, 865-871.	3.3	16

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19	Three 3D lanthanide-organic frameworks with sra topology: syntheses, structures, luminescence and magnetic properties. <i>CrystEngComm</i> , 2014, 16, 2779.	2.6	23
20	A 3D MOF showing unprecedented solvent-induced single-crystal-to-single-crystal transformation and excellent CO ₂ adsorption selectivity at room temperature. <i>Chemical Communications</i> , 2014, 50, 15886-15889.	4.1	46
21	Two octamolybdate-based complexes: hydrothermal synthesis, structural characterization and properties. <i>CrystEngComm</i> , 2014, 16, 82-88.	2.6	22
22	Two novel mixed Eu ³⁺ /Y ³⁺ Ln MOFs: influence of pH on the topology, Eu/Y ratio and energy transfer. <i>CrystEngComm</i> , 2014, 16, 5681-5688.	2.6	22
23	Zeolitic imidazolate framework-8 as sorbent of micro-solid-phase extraction to determine estrogens in environmental water samples. <i>Journal of Chromatography A</i> , 2013, 1291, 27-32.	3.7	84
24	Cu-catalyzed direct C-H bond functionalization: a regioselective protocol to 5-aryl thiazolo[3,2-b]-1,2,4-triazoles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1390.	2.8	21
25	(C ₄ N ₂ H ₁₂) ₃ [Ln ₃ (OH)(SO ₄) ₇] (Ln = Sm, Eu, and Tb): A Series of Honeycomb-like Open-Framework Lanthanide Sulfates with Extra-Large Channels Containing 24-Membered Rings. <i>Inorganic Chemistry</i> , 2013, 52, 3253-3258.	4.0	31
26	Synthesis and Study of Three Novel Macrocyclic Selena[<i>n</i>]ferrocenophanes Containing a Naphthalene Unit. <i>Inorganic Chemistry</i> , 2013, 52, 5786-5793.	4.0	15
27	Spin-crossover in a trans-[FeL ₂ (NCS) ₂] family (L = triaryltriazole): remote substituent effects on spin transition modes and temperature. <i>Dalton Transactions</i> , 2013, 42, 10144.	3.3	18
28	Syntheses, crystal structures, and spectral characterization of an asymmetrically substituted 1,2,4-triazole and its iron(II) complex. <i>Journal of Coordination Chemistry</i> , 2013, 66, 2875-2884.	2.2	10
29	<sc>l</sc>- and <sc>d</sc>-[Ln(HCO ₂)(SO ₄)(H ₂ O)] _n (Ln = La, Tj ETQq1 1 0.784314 rgsB â~[Lnâ“O] _n â“ Helices. <i>Inorganic Chemistry</i> , 2012, 51, 13373-13379.	4.0	24
30	An unprecedented 3D/3D hetero-interpenetrated MOF built from two different nodes, chemical composition, and topology of networks. <i>CrystEngComm</i> , 2012, 14, 5720.	2.6	43
31	A series of new rare earth sulfates based on lanthanide contraction and dual organic-amine templating effects. <i>CrystEngComm</i> , 2012, 14, 6627.	2.6	12
32	Hydrothermal synthesis, crystal structure and luminescence of two new 2D coordination polymers [Ln(IN)(CO ₃)(H ₂ O)] (LnLa, Eu) constructed by interesting flat lanthanide carbonate layers. <i>Inorganic Chemistry Communication</i> , 2012, 21, 80-83.	3.9	15
33	Hydrothermal synthesis, crystal structure and properties of two new coordination polymers structured by two mixed ligands and strict quadrangular {Ln ₃ } ₈ Units (Ln=Er and Ho). <i>Inorganic Chemistry Communication</i> , 2012, 21, 182-185.	3.9	5
34	Structural systematic design of organic templated samarium sulfates and their luminescence property. <i>RSC Advances</i> , 2012, 2, 217-225.	3.6	14
35	Hydrothermal synthesis, structure, and properties of two new nanosized Ln ₂₆ (Ln=Ho, Tj EJTQq1 1 0.784314 rgsB â“Ho), Tj EJTQq1 1 0.784314 rgsB	2.2	20
36	[Ni(C ₁₇ H ₂₀ N ₄) ₄][H ₅ P ₈ Mo ₈ V ₄ O ₄₀ (VIVO) ₂]-8H ₂ O: confinement of heteropoly anions in Ni-containing rigid concave surfaces with high catalytic activity in the oxidation of styrene. <i>CrystEngComm</i> , 2012, 14, 5148.	2.6	20

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37	Hydrothermal Syntheses and Crystal Structures of Two New Vanadium Phosphates. <i>Journal of Cluster Science</i> , 2012, 23, 177-187.	3.3	8
38	Effects of organoamine template and transition metal coordination mode on the self-assembly of reduced polyoxomolybdenum phosphate. <i>CrystEngComm</i> , 2011, 13, 5133.	2.6	16
39	{[VIV14V4O42(H2O)][Ni(C4N3H13)(C4N3H14)]4(H2O)6}4+: a novel nanosized calix-type polyoxovanadate cation. <i>CrystEngComm</i> , 2011, 13, 2191.	2.6	11
40	Heteropolyacid salts of N-methyl-2-pyrrolidonium as highly efficient and reusable catalysts for Prins reactions of styrenes with formalin. <i>Green Chemistry</i> , 2011, 13, 832.	9.0	66
41	Polyoxometalate-based amino-functionalized ionic solid catalysts lead to highly efficient heterogeneous epoxidation of alkenes with H2O2. <i>Green Chemistry</i> , 2011, 13, 1636.	9.0	136
42	Hydrothermal synthesis, characterization, and luminescence of two new arsenic ⁵⁺ vanadium compounds with a [As ₈ V ₁₄ O ₄₂ (H ₂ O)] ⁴⁺ anion. <i>Journal of Coordination Chemistry</i> , 2011, 64, 1198-1206.	2.2	11
43	Second structural directing agent induces the formation of 1D organic templated terbium sulfate. <i>CrystEngComm</i> , 2011, 13, 2714.	2.6	17
44	Heteropolyanion-based ionic hybrid solid: A green bulk-type catalyst for hydroxylation of benzene with hydrogen peroxide. <i>Chemical Engineering Journal</i> , 2011, 173, 620-626.	12.7	85
45	Hydrothermal synthesis and characterization of a Na ⁺ templated new 3-D lanthanum sulfate Na[C6H14N2][La3(SO4)6(H2O)3] constructed from La ³⁺ S tubes and cubic cages. <i>Inorganic Chemistry Communication</i> , 2011, 14, 258-260.	3.9	12
46	Solvothermal synthesis, crystal structure and luminescence property of a new 1D organic amine templated europium sulfate with helical chains. <i>Inorganic Chemistry Communication</i> , 2011, 14, 906-909.	3.9	17
47	Hydrothermal synthesis, structure characterization and catalytic property of a zigzag chain structural cluster compound built on the novel tetra-capped and centered by Nill. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1314-1317.	3.9	12
48	Syntheses, crystal structures, and spectral characterization of two new Cu(II) and Co(II) complexes with an asymmetrical substituted triaryltriazole. <i>Journal of Coordination Chemistry</i> , 2011, 64, 3980-3991.	2.2	9
49	Solvothermal Synthesis, Crystal Structure, and Properties of a New Organic-Templated Holmium Sulfate with 1D Single Ladder Chains. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 882-885.	1.2	14
50	Synthesis, Structure and High Thermal Stability of a Novel Three-dimensional Zinc(II) Complex with an Unsymmetrical Rigid-flexible Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1129-1132.	1.2	3
51	[NH ₃ (CH ₂) ₆ NH ₃][P ₂ V ₅ O ₁₇]·3.83H ₂ O: A new 3D Organic-templated Vanadophosphate with Extra-large 16-Membered Ring Constructed from Nanosized [VO ₄] Wheels. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1576-1579.	1.2	7
52	Two 3D Coordination Frameworks Based on Nanosized Huge Ln ₂₆ (Ln = Dy and Gd) Spherical Clusters. <i>Crystal Growth and Design</i> , 2010, 10, 2548-2552.	3.0	42
53	Solvothermal syntheses, crystal structures and luminescence properties of three new lanthanide sulfate fluorides. <i>Dalton Transactions</i> , 2010, 39, 3681.	3.3	31
54	(C ₂ H ₈ N) ₉ [Eu ₅ (SO ₄) ₁₂]·2H ₂ O: the first europium sulfate open-framework containing two kinds of intersecting extra-large 20-membered ring channels. <i>CrystEngComm</i> , 2010, 12, 694-696.	2.6	32

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55	Hydrothermal syntheses and crystal structures of two new phosphomolybdates based on an organoamine template. <i>Journal of Coordination Chemistry</i> , 2010, 63, 4215-4225.	2.2	9
56	Heteropolyanion-Based Ionic Liquids: Reaction-Induced Self-Separation Catalysts for Esterification. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 168-171.	13.8	372
57	Solvothermal Synthesis, Crystal Structure and Properties of the First Organic-Templated Holmium Sulfate [C ₂ N ₂ H ₁₀] ₃ [Ho ₂ (SO ₄) ₆ ·2H ₂ O] ₂ <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 572-576.	1.2	28
58	Sulfonated organic heteropolyacid salts: Recyclable green solid catalysts for esterifications. <i>Journal of Molecular Catalysis A</i> , 2009, 313, 1-6.	4.8	101
59	Solvothermal synthesis, crystal structure and luminescence of the first organic amine templated europium sulfate. <i>Inorganica Chimica Acta</i> , 2009, 362, 2565-2568.	2.4	20
60	Solvothermal synthesis, crystal structure and properties of a novel 1-D organic amine templated holmium sulfate. <i>Inorganica Chimica Acta</i> , 2009, 362, 3299-3302.	2.4	19
61	Phosphotungstic acid salt of triphenyl(3-sulfopropyl)phosphonium: An efficient and reusable solid catalyst for esterification. <i>Catalysis Communications</i> , 2009, 11, 151-154.	3.3	64
62	Solvothermal Synthesis, Crystal Structure and Properties of a New Organic Templated Lanthanum Sulfate [C ₄ N ₃ H ₁₆][La(SO ₄) ₃ (H ₂ O)]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 545-548.	1.2	25
63	Hydrothermal Synthesis and Structure of a New Three-Dimensional Inorganic-Organic Hybrid Polyoxomolybdate Based on Keggin Cluster Units. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 1197-1200.	1.2	4
64	Three New Organically Templated 1D, 2D, and 3D Vanadates: Synthesis, Crystal Structures, and Characterizations. <i>Inorganic Chemistry</i> , 2008, 47, 567-571.	4.0	20
65	Two New Three-Dimensional Porous Polyoxometalates with Typical ACO Topological Open Frameworks: { [Cu ₄ V ₁₃ W ₅ VO ₄₂ (NO ₃)(C ₃ H ₁₀ N ₂) ₈]·10H ₂ O} _n and { [Cu ₄ V ₁₂ W ₆ VO ₄₂ (SO ₄)(C ₃ H ₁₀ N ₂) ₈]·10H ₂ O} _n . <i>Crystal Growth and Design</i> , 2007, 7, 925-929.	3.0	45
66	Synthesis, crystal structure and magnetic property of the novel dinuclear nickel(II) complex with 4-(p-methoxyphenyl)-3,5-bis(pyridine-2-yl)-1,2,4-triazole. <i>Transition Metal Chemistry</i> , 2007, 32, 711-715.	1.4	23
67	A Novel Bis(trans-thiocyanate)iron(II) Spin-Transition Molecular Material with Bidentate Triaryltriazole Ligands and Its Bis(cis-thiocyanate)iron(II) High-Spin Isomer. <i>Chemistry of Materials</i> , 2002, 14, 838-843.	6.7	91
68	Crystal and molecular structure of a novel complex [Mn(MOBPT)(H ₂ O) ₂ (NCS) ₂] (MOBPT=4-(p)TjETQq000rgBT/Overlock10Tf5	8.8	31
69	Title is missing!. <i>Transition Metal Chemistry</i> , 2000, 25, 589-593.	1.4	13