

Alexander M Kirillov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bimetallic metal-organic frameworks and MOF-derived composites: Recent progress on electro- and photoelectrocatalytic applications. <i>Coordination Chemistry Reviews</i> , 2022, 451, 214264.	9.5	203
2	Exploring Cage-like Silsesquioxane Building Blocks for the Design of Heterometallic Cu ₄ /M ₄ Architectures. <i>Crystal Growth and Design</i> , 2022, 22, 2146-2157.	1.4	11
3	Trimetallic metal-organic frameworks and derived materials for environmental remediation and electrochemical energy storage and conversion. <i>Coordination Chemistry Reviews</i> , 2022, 461, 214505.	9.5	95
4	Butterfly-like Heteronuclear 3d-4f Metal Clusters: Synthesis, Structures, Magnetic Properties, and Magnetocaloric Effect. <i>Crystal Growth and Design</i> , 2022, 22, 608-614.	1.4	10
5	Quick removal of metronidazole from aqueous solutions using metal-organic frameworks. <i>New Journal of Chemistry</i> , 2022, 46, 9440-9450.	1.4	50
6	DFT Rationalization of Gold(I)-Catalyzed Couplings between Alkynyl Thioether and Nitrenoid Derivatives: Mechanism, Selectivity Patterns, and Effects of Substituents. <i>Journal of Organic Chemistry</i> , 2022, 87, 7193-7201.	1.7	4
7	Hybrid Silver(I)-Doped Soybean Oil and Potato Starch Biopolymer Films to Combat Bacterial Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 25104-25114.	4.0	5
8	Non-Calcined Layer-Pillared Mn _{0.5} Zn _{0.5} Bimetallic-Organic Framework as a Promising Electrocatalyst for Oxygen Evolution Reaction. <i>Inorganic Chemistry</i> , 2022, 61, 9514-9522.	1.9	47
9	Metal-organic frameworks and derived materials as photocatalysts for water splitting and carbon dioxide reduction. <i>Coordination Chemistry Reviews</i> , 2022, 469, 214664.	9.5	100
10	Zn(μ_2) metal-organic architectures from ether-bridged tetracarboxylate linkers: assembly, structural variety and catalytic features. <i>CrystEngComm</i> , 2022, 24, 5297-5306.	1.3	3
11	Coordination polymers from an unexplored biphenyl-tricarboxylate linker: hydrothermal synthesis, structural traits and catalytic cyanosilylation. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 1229-1242.	3.0	15
12	Simultaneous Presence of Open Metal Sites and Amine Groups on a 3D Dy(III)-Metal-Organic Framework Catalyst for Mild and Solvent-Free Conversion of CO ₂ to Cyclic Carbonates. <i>Inorganic Chemistry</i> , 2021, 60, 2056-2067.	1.9	105
13	Metal-organic architectures designed from a triphenyl-pentacarboxylate linker: hydrothermal assembly, structural multiplicity, and catalytic Knoevenagel condensation. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 4209-4221.	3.0	11
14	Epoxy Functional Composites Based on Lanthanide Metal-Organic Frameworks for Luminescent Polymer Materials. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7625-7634.	4.0	26
15	Metal(II) Coordination Polymers from Tetracarboxylate Linkers: Synthesis, Structures, and Catalytic Cyanosilylation of Benzaldehydes. <i>Catalysts</i> , 2021, 11, 204.	1.6	4
16	Mild oxidative functionalization of cycloalkanes catalyzed by novel dicopper(II) cores. <i>Molecular Catalysis</i> , 2021, 503, 111401.	1.0	3
17	Silver(I) Coordination Polymers Immobilized into Biopolymer Films for Antimicrobial Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 12836-12844.	4.0	49
18	Synthesis, characterization, DNA binding ability, in vitro cytotoxicity, electrochemical properties and theoretical studies of copper(II) carboxylate complexes. <i>Inorganica Chimica Acta</i> , 2021, 518, 120235.	1.2	13

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19	Coordination Polymers from 2-Chloroterephthalate Linkers: Synthesis, Structural Diversity, and Catalytic CO ₂ Fixation. <i>Crystal Growth and Design</i> , 2021, 21, 2876-2888.	1.4	6
20	Cu ₆ - and Cu ₈ -Cage Sil- and Gersmesquioxanes: Synthetic and Structural Features, Oxidative Rearrangements, and Catalytic Activity. <i>Inorganic Chemistry</i> , 2021, 60, 8062-8074.	1.9	14
21	A 3D MOF based on Adamantoid Tetracopper(II) and Aminophosphine Oxide Cages: Structural Features and Magnetic and Catalytic Properties. <i>Inorganic Chemistry</i> , 2021, 60, 9631-9644.	1.9	7
22	Instantaneous Sonophotocatalytic Degradation of Tetracycline over NU-1000@ZnIn ₂ S ₄ Core-Shell Nanorods as a Robust and Eco-friendly Catalyst. <i>Inorganic Chemistry</i> , 2021, 60, 9660-9672.	1.9	57
23	Time-Dependent Self-Assembly of Copper(II) Coordination Polymers and Tetranuclear Rings: Catalysts for Oxidative Functionalization of Saturated Hydrocarbons. <i>Inorganic Chemistry</i> , 2021, 60, 14491-14503.	1.9	4
24	Third-Order Nonlinear Optical Behavior of an Amide-Tricarboxylate Zinc(II) Metal-Organic Framework with Two-Fold 3D+3D Interpenetration. <i>Inorganic Chemistry</i> , 2021, 60, 9700-9708.	1.9	95
25	Structural and Thermal Investigations of Co(II) and Ni(II) Coordination Polymers Based on biphenyl-4,4'-dioxidiacetate Linker. <i>Materials</i> , 2021, 14, 3545.	1.3	3
26	Layered Inorganic-Organic 3,5-Dimethylpyrazole-4-Sulfonate Films for Protection of Copper Surfaces against Corrosion. <i>Crystal Growth and Design</i> , 2021, 21, 5421-5439.	1.4	2
27	Coordination Polymers Driven by Carboxy Functionalized Picolinate Linkers: Hydrothermal Assembly, Structural Multiplicity, and Catalytic Features. <i>Crystal Growth and Design</i> , 2021, 21, 5145-5157.	1.4	10
28	Self-Assembly and Multifaceted Bioactivity of a Silver(I) Quinolate Coordination Polymer. <i>Inorganic Chemistry</i> , 2021, 60, 15435-15444.	1.9	18
29	DFT Study on Zr-Catalyzed Alkene Hydroaminoalkylation: Origin of Regioselectivity, Diastereoselectivity, and Influence of Substrate. <i>Organic Letters</i> , 2021, 23, 583-587.	2.4	6
30	DFT Quest of the Active Species of the Gallium-Mediated Coupling of Methylidenemalonates and Acetylenes. <i>Inorganic Chemistry</i> , 2021, 60, 995-1006.	1.9	3
31	Rationalization of the mechanism and chemoselectivity of versatile Au-catalyzed reactions of diazoesters with allyl-functionalized sulfides, selenides, amines, or ethers by DFT. <i>Organic Chemistry Frontiers</i> , 2021, 8, 6053-6062.	2.3	3
32	Coupling 6-chloro-3-methyluracil with copper: structural features, theoretical analysis, and bifunctional properties. <i>Dalton Transactions</i> , 2021, 50, 13533-13542.	1.6	2
33	DFT quest for mechanism and stereoselectivity in B(C ₆ F ₅) ₃ -catalyzed cyclopropanation of alkenes with aryldiazoacetates. <i>Molecular Catalysis</i> , 2021, 516, 111980.	1.0	3
34	Silver(I)-Tazobactam Frameworks with Improved Antimicrobial Activity. <i>Frontiers in Chemistry</i> , 2021, 9, 815827.	1.8	1
35	Aminoalcoholate-driven tetracopper(II) cores as dual acetyl and butyrylcholinesterase inhibitors: Experimental and theoretical elucidation of mechanism of action. <i>Journal of Inorganic Biochemistry</i> , 2020, 205, 110990.	1.5	7
36	Insight into the reaction mechanism and chemoselectivity in the cycloaddition of ynamides and isoxazoles with H ₂ O. <i>Catalysis Science and Technology</i> , 2020, 10, 240-251.	2.1	9

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37	Metal-organic architectures driven by a multifunctional 6-aminouracil spacer: structures, noncovalent interactions, and conductivity. <i>CrystEngComm</i> , 2020, 22, 829-840.	1.3	7
38	Lead(II) coordination polymers driven by pyridine-hydrazine donors: from anion-guided self-assembly to structural features. <i>Dalton Transactions</i> , 2020, 49, 11238-11248.	1.6	16
39	Color tuning of intrinsic white-light emission in anthracene-linker coordination networks. <i>Dalton Transactions</i> , 2020, 49, 12082-12087.	1.6	9
40	Heterometallic (3d-4f) Coordination Clusters with Unique Topology: Self-Assembly Synthesis, Structural Features, and Magnetic Properties. <i>Crystal Growth and Design</i> , 2020, 20, 6545-6554.	1.4	21
41	Introducing a flexible tetracarboxylic acid linker into functional coordination polymers: synthesis, structural traits, and photocatalytic dye degradation. <i>New Journal of Chemistry</i> , 2020, 44, 16082-16091.	1.4	21
42	H-Bonded and metal-organic architectures assembled from an unexplored aromatic tricarboxylic acid: structural variety and functional properties. <i>Dalton Transactions</i> , 2020, 49, 7197-7209.	1.6	20
43	Antiviral, Antibacterial, Antifungal, and Cytotoxic Silver(I) BioMOF Assembled from 1,3,5-Triaza-7-Phosphaadamantane and Pyromellitic Acid. <i>Molecules</i> , 2020, 25, 2119.	1.7	42
44	Density Functional Theory Study of the Metal-Catalyzed Cycloaddition of Indolyl-Allenenes: Possible Reaction Pathways, Stereoselectivity, and Regioselectivity. <i>Organometallics</i> , 2020, 39, 1782-1789.	1.1	7
45	New silver (thio)semicarbazide derivatives: synthesis, structural features, and antimicrobial activity. <i>New Journal of Chemistry</i> , 2020, 44, 10924-10932.	1.4	3
46	Bringing a New Flexible Mercaptoacetic Acid Linker to the Design of Coordination Polymers. <i>Polymers</i> , 2020, 12, 1329.	2.0	1
47	DFT study on the Silver effect in gold-catalyzed hydroamination of terminal alkynyl sulfamides. <i>Molecular Catalysis</i> , 2020, 486, 110847.	1.0	2
48	The DFT Quest for Possible Reaction Pathways, Catalytic Species, and Regioselectivity in the InCl ₃ -Catalyzed Cycloaddition of N-Tosyl Formaldimine with Olefins or Allenes. <i>Journal of Organic Chemistry</i> , 2020, 85, 3676-3688.	1.7	7
49	A Flexible Aromatic Tetracarboxylate as a New Linker for Coordination Polymers. <i>Crystals</i> , 2020, 10, 84.	1.0	3
50	Carbocation versus Carbene Controlled Chemoselectivity: DFT Study on Gold- and Silver-Catalyzed Alkylation/Cyclopropanation of Indoles with Vinyl Diazoesters. <i>Organic Letters</i> , 2020, 22, 4043-4048.	2.4	22
51	Phosphonate Decomposition-Induced Polyoxomolybdate Dumbbell-Type Cluster Formation: Structural Analysis, Proton Conduction, and Catalytic Sulfoxide Reduction. <i>Inorganic Chemistry</i> , 2019, 58, 11522-11533.	1.9	10
52	Mild C-H functionalization of alkanes catalyzed by bioinspired copper(II) cores. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7706-7714.	1.5	15
53	Synthesis, Structural Features, and Catalytic Activity of an Iron(II) 3D Coordination Polymer Driven by an Ether-Bridged Pyridine-Dicarboxylate. <i>Crystals</i> , 2019, 9, 369.	1.0	3
54	New Microbe Killers: Self-Assembled Silver(I) Coordination Polymers Driven by a Cage-like Aminophosphine. <i>Materials</i> , 2019, 12, 3353.	1.3	7

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55	An Asymmetric Supercapacitor Based on a Non-Calcined 3D Pillared Cobalt(II) Metal-Organic Framework with Long Cyclic Stability. <i>Inorganic Chemistry</i> , 2019, 58, 16100-16111.	1.9	111
56	Metal-Organic Architectures Assembled from Multifunctional Polycarboxylates: Hydrothermal Self-Assembly, Structures, and Catalytic Activity in Alkane Oxidation. <i>Inorganic Chemistry</i> , 2019, 58, 2403-2412.	1.9	76
57	Theoretical study on the mechanism and chemoselectivity in gold(<i>sc</i>)-catalyzed cycloisomerization of 1 ² ,1 ² -disubstituted <i>ortho</i> -(alkynyl)styrenes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2701-2712.	2.3	13
58	Sonochemical Synthesis of Cadmium(II) Coordination Polymer Nanospheres as Precursor for Cadmium Oxide Nanoparticles. <i>Crystals</i> , 2019, 9, 199.	1.0	7
59	Tetracopper(II) Cores Driven by an Unexplored Trifunctional Aminoalcohol Sulfonic Acid for Mild Catalytic C-H Functionalization of Alkanes. <i>Catalysts</i> , 2019, 9, 321.	1.6	6
60	Hydrothermal generation, structural versatility and properties of metal(<i>sc</i>)-organic architectures driven by a pyridine-tricarboxylic acid. <i>Dalton Transactions</i> , 2019, 48, 8361-8374.	1.6	16
61	Cobalt(II) Coordination Polymers Assembled from Unexplored Pyridine-Carboxylic Acids: Structural Diversity and Catalytic Oxidation of Alcohols. <i>Inorganic Chemistry</i> , 2019, 58, 5875-5885.	1.9	120
62	Tuning the Solid-State White Light Emission of Postsynthetic Lanthanide-Encapsulated Double-Layer MOFs for Three-Color Luminescent Thermometry Applications. <i>Inorganic Chemistry</i> , 2019, 58, 4524-4533.	1.9	92
63	A 3D heterometallic Ni(<i>sc</i>)/K(<i>sc</i>) MOF with a rare rna topology: synthesis, structural features, and photocatalytic dye degradation modeling. <i>New Journal of Chemistry</i> , 2019, 43, 17457-17465.	1.4	17
64	New Copper(II) Coordination Compounds Assembled from Multifunctional Pyridine-Carboxylate Blocks: Synthesis, Structures, and Catalytic Activity in Cycloalkane Oxidation. <i>Molecules</i> , 2019, 24, 6.	1.7	26
65	Covalent Construction of Sustainable Hybrid UiO-66-NH ₂ @Tb-CP Material for Selective Removal of Dyes and Detection of Metal Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3203-3212.	3.2	93
66	Extended lead(<i>sc</i>) architectures engineered <i>via</i> tetrel bonding interactions. <i>New Journal of Chemistry</i> , 2018, 42, 4959-4971.	1.4	76
67	Computational study on the NHC-catalyzed synthesis of 2,3-disubstituted indoles: mechanism, key intermediate and the role of the catalyst. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1356-1365.	2.3	37
68	Unique Copper-Organic Networks Self-Assembled from 1,3,5-Triaza-7-Phosphaadamantane and Its Oxide: Synthesis, Structural Features, and Magnetic and Catalytic Properties. <i>Crystal Growth and Design</i> , 2018, 18, 2814-2823.	1.4	17
69	A new multicomponent CDs/Ag@Mg-Al-Ce-LDH nanocatalyst for highly efficient degradation of organic water pollutants. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4515-4524.	5.2	75
70	Self-assembled 3D heterometallic Zn(II)/K(I) metal-organic framework with the fluorite topology. <i>Polyhedron</i> , 2018, 142, 110-114.	1.0	7
71	Bringing 5-(3,4-dicarboxylphenyl)picolinic acid to crystal engineering research: hydrothermal assembly, structural features, and photocatalytic activity of Mn, Ni, Cu, and Zn coordination polymers. <i>CrystEngComm</i> , 2018, 20, 906-916.	1.3	64
72	How Does the Catalyst Affect the Reaction Pathway? DFT Analysis of the Mechanism and Selectivity in the 1,6-Diyne Ester Cycloisomerization. <i>Organometallics</i> , 2018, 37, 261-270.	1.1	8

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73	A new series of Co, Ni, Zn, and Cd metal-organic architectures driven by an unsymmetrical biphenyl-tricarboxylic acid: hydrothermal assembly, structural features and properties. Dalton Transactions, 2018, 47, 7431-7444.	1.6	23
74	Computational study on GaCl ₃ -mediated reactions of donor-acceptor cyclopropanes with aromatic aldehydes: mechanism and role of GaCl ₃ and aldehydes. Organic Chemistry Frontiers, 2018, 5, 1702-1712.	2.3	8
75	New lanthanide 2D coordination polymers constructed from a flexible ether-bridged tricarboxylate block: Synthesis, structures and luminescence sensing. Inorganica Chimica Acta, 2018, 469, 98-104.	1.2	26
76	Novel double layer lanthanide metal-organic networks for sensing applications. Dalton Transactions, 2018, 47, 465-474.	1.6	14
77	A novel 2D coordination network built from hexacopper(i)-iodide clusters and cage-like aminophosphine blocks for reversible on-off sensing of aniline. Journal of Materials Chemistry C, 2018, 6, 1670-1678.	2.7	85
78	Interplay between H-bonding and interpenetration in an aqueous copper(ii)-aminoalcohol-pyromellitic acid system: self-assembly synthesis, structural features and catalysis. Dalton Transactions, 2018, 47, 16674-16683.	1.6	6
79	Extending the family of quinolone antibacterials to new copper derivatives: self-assembly, structural and topological features, catalytic and biological activity. New Journal of Chemistry, 2018, 42, 19644-19658.	1.4	7
80	New Topologically Unique Metal-Organic Architectures Driven by a Pyridine-Tricarboxylate Building Block. Crystals, 2018, 8, 353.	1.0	5
81	Hybrid Metal-Organic-Framework/Inorganic Nanocatalyst toward Highly Efficient Discoloration of Organic Dyes in Aqueous Medium. Inorganic Chemistry, 2018, 57, 13270-13278.	1.9	51
82	Synthesis, structural features, antibacterial behaviour and theoretical investigation of two new manganese(III) Schiff base complexes. Polyhedron, 2018, 151, 407-416.	1.0	6
83	Structural diversity of alkali metal coordination polymers driven by flexible biphenyl-4,4'-dioxydiacetic acid. Journal of Solid State Chemistry, 2018, 265, 92-99.	1.4	5
84	Nickel(II) based homo- vs heterometallic 1D coordination polymers derived from a novel 6-aminouracil building block: Structures, topologies, non-covalent interactions, magnetism, and antibacterial activity. Inorganica Chimica Acta, 2018, 482, 384-394.	1.2	10
85	Multifunctional Aromatic Carboxylic Acids as Versatile Building Blocks for Hydrothermal Design of Coordination Polymers. Crystals, 2018, 8, 83.	1.0	94
86	A new series of Cd metal-organic architectures driven by soft ether-bridged tricarboxylate spacers: synthesis, structural and topological versatility, and photocatalytic properties. Dalton Transactions, 2018, 47, 14327-14339.	1.6	88
87	Three-Component Copper-Phosphonate-Auxiliary Ligand Systems: Proton Conductors and Efficient Catalysts in Mild Oxidative Functionalization of Cycloalkanes. Inorganic Chemistry, 2018, 57, 10656-10666.	1.9	19
88	Computational Study on Gold-Catalyzed Cascade Reactions of 1,4-Diynes and Pyrroles: Mechanism, Regioselectivity, Role of Catalyst, and Effects of Substituent and Solvent. Organometallics, 2018, 37, 1927-1936.	1.1	15
89	Multifunctional Ln-MOF Luminescent Probe for Efficient Sensing of Fe ³⁺ , Ce ³⁺ , and Acetone. ACS Applied Materials & Interfaces, 2018, 10, 23976-23986.	4.0	307
90	Mild oxidative C-H functionalization of alkanes and alcohols using a magnetic core-shell Fe ₃ O ₄ @mSiO ₂ @Cu ₄ nanocatalyst. Journal of Molecular Catalysis A, 2017, 426, 343-349.	4.8	20

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91	Synthesis and crystal structures of three new lead(II) isonicotinoylhydrazone derivatives: Anion controlled nuclearity and dimensionality. <i>Inorganica Chimica Acta</i> , 2017, 461, 192-205.	1.2	40
92	A new Ce-doped MgAl-LDH@Au nanocatalyst for highly efficient reductive degradation of organic contaminants. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6716-6724.	5.2	108
93	Introducing 2-(2-carboxyphenoxy)terephthalic acid as a new versatile building block for design of diverse coordination polymers: synthesis, structural features, luminescence sensing, and magnetism. <i>CrystEngComm</i> , 2017, 19, 2570-2588.	1.3	85
94	Self-Assembled Upconversion Nanoparticle Clusters for NIR-controlled Drug Release and Synergistic Therapy after Conjugation with Gold Nanoparticles. <i>Inorganic Chemistry</i> , 2017, 56, 5295-5304.	1.9	45
95	Polar protic solvent-trapping polymorphism of the Hg ^{II} -hydrazone coordination polymer: experimental and theoretical findings. <i>CrystEngComm</i> , 2017, 19, 3017-3025.	1.3	27
96	Exploring 4-(3-carboxyphenyl)picolinic acid as a semirigid building block for the hydrothermal self-assembly of diverse metal-organic and supramolecular networks. <i>CrystEngComm</i> , 2017, 19, 117-128.	1.3	14
97	An Efficient Blue-Emissive Metal-Organic Framework (MOF) for Lanthanide-Encapsulated Multicolor and Stimuli-Responsive Luminescence. <i>Inorganic Chemistry</i> , 2017, 56, 6362-6370.	1.9	104
98	Two manganese(II) coordination polymers driven by (iso)nicotinoyl-hydrazone blocks and pseudohalide ancillary ligands: syntheses, structural features, and magnetic properties. <i>Journal of Coordination Chemistry</i> , 2017, 70, 1973-1983.	0.8	6
99	Three-component 1D and 2D metal phosphonates: structural variability, topological analysis and catalytic hydrocarboxylation of alkanes. <i>RSC Advances</i> , 2017, 7, 17788-17799.	1.7	21
100	Self-assembly generation, structural features, and oxidation catalytic properties of new aqua-soluble copper(II)-aminoalcohol derivatives. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 968-977.	3.0	4
101	Effect of Substituent on the Mechanism and Chemoselectivity of the Gold(I)-Catalyzed Propargyl Ester Tandem Cyclization. <i>Organometallics</i> , 2017, 36, 1164-1172.	1.1	22
102	New cadmium(II) and zinc(II) coordination polymers derived from a pyridine-hydrazone block: Self-assembly generation, structural and topological features, and theoretical analysis. <i>Inorganica Chimica Acta</i> , 2017, 458, 68-76.	1.2	16
103	Mixed-ligand aminoalcohol-dicarboxylate copper(II) coordination polymers as catalysts for the oxidative functionalization of cyclic alkanes and alkenes. <i>Pure and Applied Chemistry</i> , 2017, 89, 61-73.	0.9	9
104	Preface to Special Issue: C-H functionalization in modern molecular catalysis. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 271-272.	4.8	2
105	Biosketch of Professor Georgiy B. Shul'pin. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 273-274.	4.8	0
106	New lanthanide(III) coordination polymers: synthesis, structural features, and catalytic activity in CO ₂ fixation. <i>Dalton Transactions</i> , 2017, 46, 16426-16431.	1.6	28
107	Study of an efficient conversion of 1,3-dimethyl-5-(Arylazo)-6-Amino-Uracils to 1,3-dimethyl-8-(Aryl)-Azapurin-2,6-Diones. <i>Journal of Molecular Structure</i> , 2017, 1150, 118-126.	1.8	6
108	Hydrothermal assembly, structures, topologies, luminescence, and magnetism of a novel series of coordination polymers driven by a trifunctional nicotinic acid building block. <i>Dalton Transactions</i> , 2017, 46, 10908-10925.	1.6	95

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109	Novel metal-organic and supramolecular 3D frameworks constructed from flexible biphenyl-2,5,3-tricarboxylate blocks: Synthesis, structural features and properties. <i>Journal of Molecular Structure</i> , 2017, 1145, 339-346.	1.8	4
110	Combining ethylenediamine and ionic liquid functionalities within SBA-15: A promising catalytic pair for tandem CuAAC reaction. <i>Applied Catalysis A: General</i> , 2017, 548, 96-102.	2.2	42
111	Mild homogeneous oxidation and hydrocarboxylation of cycloalkanes catalyzed by novel dicopper(II) aminoalcohol-driven cores. <i>Journal of Molecular Catalysis A</i> , 2017, 426, 357-367.	4.8	22
112	Tuning topological and dimensional versatility from 1D to 3D of Zn/Cd luminescent biphenyl-3,5-dicarboxylate coordination polymers by ancillary ligand. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2200-2209.	0.8	6
113	Structurally Distinct Metal-Organic and H-Bonded Networks Derived from 5-(6-Carboxypyridin-3-yl)isophthalic Acid: Coordination and Template Effect of 4,4'-Bipyridine. <i>Crystal Growth and Design</i> , 2016, 16, 4658-4670.	1.4	89
114	Zinc(II) and lead(II) metal-organic networks driven by a multifunctional pyridine-carboxylate building block: Hydrothermal synthesis, structural and topological features, and luminescence properties. <i>Journal of Molecular Structure</i> , 2016, 1120, 327-332.	1.8	10
115	Metal-organic and supramolecular lead(II) networks assembled from isomeric nicotinoylhydrazone blocks: the effects of ligand geometry and counter-ion on topology and supramolecular assembly. <i>CrystEngComm</i> , 2016, 18, 5375-5385.	1.3	40
116	NIR light/H ₂ O ₂ -triggered nanocomposites for a highly efficient and selective synergistic photodynamic and photothermal therapy against hypoxic tumor cells. <i>Chemical Communications</i> , 2016, 52, 7939-7942.	2.2	64
117	Two Polymorphic Forms of a Six-Coordinate Mononuclear Cobalt(II) Complex with Easy-Plane Anisotropy: Structural Features, Theoretical Calculations, and Field-Induced Slow Relaxation of the Magnetization. <i>Inorganic Chemistry</i> , 2016, 55, 8502-8513.	1.9	72
118	A paper-based lanthanide smart device for acid-base vapour detection, anti-counterfeiting and logic operations. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 1014-1020.	3.0	50
119	Self-assembly synthesis, structure, topology, and magnetic properties of a mononuclear Fe(III)-violurate derivative: a combined experimental and theoretical study. <i>Dalton Transactions</i> , 2016, 45, 16166-16172.	1.6	18
120	Halide ion-driven self-assembly of Zn(II) compounds derived from an asymmetrical hydrazone building block: a combined experimental and theoretical study. <i>New Journal of Chemistry</i> , 2016, 40, 10116-10126.	1.4	11
121	Versatile rare-earth oxide nanocomposites: enhanced chemo/photothermal/photodynamic anticancer therapy and multimodal imaging. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7832-7844.	2.9	22
122	Hybrid materials based on novel 2D lanthanide coordination polymers covalently bonded to amine-modified SBA-15 and MCM-41: assembly, characterization, structural features, thermal and luminescence properties. <i>Dalton Transactions</i> , 2016, 45, 18610-18621.	1.6	21
123	2D lanthanide MOFs driven by a rigid 3,5-bis(3-carboxy-phenyl)pyridine building block: solvothermal syntheses, structural features, and photoluminescence and sensing properties. <i>CrystEngComm</i> , 2016, 18, 6425-6436.	1.3	84
124	Silver(I) 1,3,5-Triaza-7-phosphaadamantane Coordination Polymers Driven by Substituted Glutarate and Malonate Building Blocks: Self-Assembly Synthesis, Structural Features, and Antimicrobial Properties. <i>Inorganic Chemistry</i> , 2016, 55, 5886-5894.	1.9	100
125	Metal-organic and supramolecular networks driven by 5-chloronicotinic acid: Hydrothermal self-assembly synthesis, structural diversity, luminescent and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2016, 241, 121-130.	1.4	8
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