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List of Publications by Year
in descending order

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34 papers	1,544 citations	516215 16 h-index	377514 34 g-index
36 all docs	36 docs citations	36 times ranked	2066 citing authors

#	Article	IF	Citations
1	Pressure and Temperature Induced Dual Responsive Molecular Crystals: Effect of Polymorphism. Crystal Growth and Design, 2022, 22, 615-624.	1.4	15
2	Highly Efficient Ethylene Tetramerization Using Cr Catalysts Constructed with Trifluoromethyl-Substituted N-Aryl PNP Ligands. ACS Omega, 2022, 7, 16333-16340.	1.6	11
3	Molecular docking, spectroscopic, and quantum chemical studies on aromatic heterocycle tetrakis(4-pyridyl)cyclobutane regioisomers: potential membrane-permeable inhibitors. Journal of Molecular Modeling, 2021, 27, 94.	0.8	4
4	Design of Greenâ€Emitting Salts from Substituted Pyridines: Understanding the Solidâ€State Photodimerization of transâ€1,2â€bis(4â€pyridyl)ethylene. ChemPhysChem, 2021, 22, 1088-1093.	1.0	2
5	Synthesis, anticancer activity and apoptosis induction of gold(I) complexes containing tris(o-methoxyphenyl)phosphane. Inorganica Chimica Acta, 2021, 527, 120567.	1.2	5
6	Blue- and white-light-emitting 2D-coordination polymers and their solid-state photodimerization reaction. CrystEngComm, 2021, 23, 7663-7670.	1.3	1
7	Upgrading the Hydrogen Storage of MOF-5 by Post-Synthetic Exchange with Divalent Metal Ions. Applied Sciences (Switzerland), 2021, 11, 11687.	1.3	10
8	Rapid Synthetic Routes to Bipyridine-Based Metalâ€“Organic Frameworks for Highly Selective Solvent Sensing. Arabian Journal for Science and Engineering, 2020, 45, 167-173.	1.7	2
9	N-Oxides of 1,1,1-Tris(pyrid-2-yl)ethane. Tetrahedron Letters, 2020, 61, 152326.	0.7	1
10	Mixed-Metal Cu-BTC Metalâ€“Organic Frameworks as a Strong Adsorbent for Molecular Hydrogen at Low Temperatures. ACS Omega, 2020, 5, 28493-28499.	1.6	45
11	Combining Optical Properties with Flexibility in Halogen-Substituted Benzothiazole Crystals. Crystal Growth and Design, 2020, 20, 3937-3943.	1.4	27
12	Single-Crystal-to-Single-Crystal Transformation of Hydrogen-Bonded Triple-Stranded Ladder Coordination Polymer via Photodimerization Reaction. Inorganic Chemistry, 2019, 58, 10167-10173.	1.9	19
13	Structure Property Correlation of a Series of Halogenated Schiff Base Crystals and Understanding of the Molecular Basis Through Nanoindentation. Crystal Growth and Design, 2019, 19, 6698-6707.	1.4	19
14	Porous Coordination Polymers. Polymers and Polymeric Composites, 2019, , 181-223.	0.6	1
15	Porous Coordination Polymers. Polymers and Polymeric Composites, 2019, , 1-44.	0.6	2
16	Emissive lead(II) benzenedicarboxylate metal-organic frameworks. Journal of Chemical Sciences, 2018, 130, 1.	0.7	2
17	Near-White Light Emission from Lead(II) Metalâ€“Organic Frameworks. Inorganic Chemistry, 2018, 57, 11341-11348.	1.9	42
18	Solid state photodimerization in an organic salt of 1,2-bis(4-pyridyl)ethylene and trifluoromethane sulphonic acid via pedal-like motion. Journal of Chemical Sciences, 2017, 129, 733-739.	0.7	10

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19	Solid-state Photochemical [2+2] Cycloaddition Reaction of Hydrogen-Bonded Zn(II) Metal Complex Containing Several Parallel C=C Bonds. Journal of Chemical Sciences, 2017, 129, 239-247.	0.7	1
20	Mixed-Metal Metalâ€“Organic Frameworks as Catalysts for Liquid-Phase Oxidation of Toluene and Cycloalkanes. Arabian Journal for Science and Engineering, 2017, 42, 4383-4390.	1.7	14
21	Simulation of CO<SUB align="right">2 adsorption-separation from an N<SUB align="right">2/CO<SUB align="right">2 gas mixture in a fixed Mg-MOF-74 column. International Journal of Global Warming, 2017, 11, 125.	0.2	2
22	MM-MOFs as catalysts for liquid-phase oxidation of toluene and cycloalkane. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C1160-C1160.	0.0	0
23	Carbon capture by physical adsorption: Materials, experimental investigations and numerical modeling and simulations â€“ A review. Applied Energy, 2016, 161, 225-255.	5.1	498
24	Quest for Highly Connected Metalâ€“Organic Framework Platforms: Rare-Earth Polynuclear Clusters Versatility Meets Net Topology Needs. Journal of the American Chemical Society, 2015, 137, 5421-5430.	6.6	163
25	Solidâ€State Structural Transformations and Photoreactivity of 1Dâ€Ladder Coordination Polymers of Pb^{II}. Chemistry - A European Journal, 2013, 19, 3962-3968.	1.7	32
26	Structural Transformations of Pb(II)-trans-1,2-bis(4â€²-pyridyl)ethene Coordination Polymers in Solution. Crystal Growth and Design, 2011, 11, 4697-4703.	1.4	49
27	Cobalt(II) Coordination Polymers Containing trans-1,2-Bis(4-pyridyl)ethene and Their Magnetic Properties. European Journal of Inorganic Chemistry, 2010, 2010, 3856-3865.	1.0	20
28	Metalâ^'Organic Frameworks Containing a Tetrapyridylcyclobutane Ligand Derived from Isomerization Reaction. Inorganic Chemistry, 2010, 49, 6775-6777.	1.9	47
29	Solid-State Photochemical Behavior of a Triple-Stranded Ladder Coordination Polymer. Inorganic Chemistry, 2010, 49, 10-12.	1.9	70
30	Coordinationâ€Polymeric Nanofibers and their Fieldâ€Emission Properties. Macromolecular Rapid Communications, 2009, 30, 1356-1361.	2.0	25
31	Solidâ€State Photochemical [2+2] Cycloaddition in a Hydrogenâ€Bonded Metal Complex Containing Several Parallel and Crisscross Cï£¾C bonds. Chemistry - A European Journal, 2008, 14, 5329-5334.	1.7	75
32	Stacking of double bonds for photochemical [2+2] cycloaddition reactions in the solid state. Chemical Communications, 2008, , 5277.	2.2	229
33	Molecular Fabric Structure Formed by the 1D Coordination Polymer, [Pb(bpe)(O₂CCH₃)(O₂CCF₃)]. Crystal Growth and Design, 2008, 8, 375-377.	1.4	30
34	Photodimerization of a 1D hydrogen-bonded zwitter-ionic lead(ii) complex and its isomerization in solution. Chemical Communications, 2008, , 441-443.	2.2	70