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List of Publications by Year
in descending order

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Version: 2024-02-01

47 papers	2,031 citations	257357 24 h-index	233338 45 g-index
49 all docs	49 docs citations	49 times ranked	2563 citing authors

#	Article	IF	Citations
1	Spinâ€Crossover Nanocrystals with Magnetic, Optical, and Structural Bistability Near Room Temperature. Angewandte Chemie - International Edition, 2008, 47, 6433-6437.	7.2	281
2	Highly stable nanoporous covalent triazine-based frameworks with an adamantane core for carbon dioxide sorption and separation. Journal of Materials Chemistry A, 2013, 1, 14990.	5.2	192
3	High-yield, fluoride-free and large-scale synthesis of MIL-101(Cr). Dalton Transactions, 2015, 44, 16791-16801.	1.6	160
4	Spin Crossover Phenomenon in Nanocrystals and Nanoparticles of [Fe(3-Fpy)₂M(CN)₄] (M^{II} = Ni, Pd, Pt) Two-Dimensional Coordination Polymers. Chemistry of Materials, 2010, 22, 4271-4281.	3.2	131
5	Bifunctional pyrazolateâ€“carboxylate ligands for isoreticular cobalt and zinc MOF-5 analogs with magnetic analysis of the {Co4(Î¼4-O)} node. CrystEngComm, 2013, 15, 9757.	1.3	98
6	Acentric Extended Solids by Self Assembly of 4,4â€²-Bipyrazolyls. Angewandte Chemie - International Edition, 2001, 40, 3435-3438.	7.2	96
7	Novel Coordination Frameworks Incorporating the 4,4â€²-Bipyrazolyl Ditopic Ligand. Inorganic Chemistry, 2012, 51, 5235-5245.	1.9	68
8	Construction of extended networks with a trimeric pyrazole synthonElectronic supplementary information (ESI) available: details for preparations, solvent-dependent polymorphism and pseudopolymorphism of the compound, crystal structure determination and refinement . See http://www.rsc.org/suppdata/cc/b2/b212540d/. Chemical Communications, 2003, , 740-741.	2.2	64
9	Polynuclear Spin Crossover Complexes: Synthesis, Structure, and Magnetic Behavior of Inorganic Chemistry, 2009, 48, 3710-3719.	1.9	64
10	1,2,4-Triazole functionalized adamantanes: a new library of polydentate tectons for designing structures of coordination polymers. Dalton Transactions, 2012, 41, 8675.	1.6	52
11	One- and two-dimensional coordination polymers of 3,3â€²,5,5â€²-tetramethyl-4,4â€²-bipyrazolyl, a new perspective crystal engineering module. Polyhedron, 2001, 20, 887-897.	1.0	49
12	A mixed-linker approach towards improving covalent triazine-based frameworks for CO2 capture and separation. Microporous and Mesoporous Materials, 2017, 241, 303-315.	2.2	49
13	Benzoic acid as a selectorâ€“modulator in the synthesis of MIL-88B(Cr) and nano-MIL-101(Cr). Dalton Transactions, 2019, 48, 989-996.	1.6	49
14	Mixed-anion complexes with a bipyrazolyl ligand. A new entry to a realm of three-dimensional five-connected coordination topologiesElectronic supplementary information (ESI) available: crystal structure determination and refinement details for 1Ã¢â‚¬â€œ4. See http://www.rsc.org/suppdata/cc/b1/b110599j/. Chemical Communications, 2002, , 436-437.	2.2	46
15	Helical Bipyrazole Networks Conditioned by Hydrothermal Crystallization. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1095-1100.	0.6	46
16	Water effect on the spin-transition behavior of Fe(<scp>ii</scp>) 1,2,4-triazole 1D chains embedded in pores of MCM-41. Journal of Materials Chemistry C, 2015, 3, 7802-7812.	2.7	46
17	Hydrogen Bonding Patterns and Supramolecular Structure of 4,4â€²-Bipyrazolium Salts. Crystal Growth and Design, 2009, 9, 2895-2905.	1.4	43
18	A rare alb-4,8-Cmce metalâ€“coordination network based on tetrazolate and phosphonate functionalized 1,3,5,7-tetraphenyladamantane. CrystEngComm, 2013, 15, 1235.	1.3	42

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19	4,4â€²-Bipyrazolyl: new bitopic connector for construction of coordination networks. Inorganica Chimica Acta, 2002, 338, 69-77.	1.2	40
20	Coordination polymers of CoII and 3,3â€²,5,5â€²-tetramethyl-4,4â€²-bipyrazolyl: a novel metalâ€“organic three-dimensional network with four-coordinated planar vertices. Dalton Transactions RSC, 2001, , 893-897.	2.3	36
21	Cooperative association of pyrazoles and phenols: A versatile binary systemElectronic supplementary information (ESI) available: Details for crystal structure determination and refinement and geometry of hydrogen bonding in structures. See http://www.rsc.org/suppdata/nj/b3/b317104c/. New Journal of Chemistry, 2004, 28, 756.	1.4	36
22	Solvent-triggered relaxative spin state switching of [Fe(HB(pz)₃)₂] in a closed nano-confinement of NH₂-MIL-101(Al). Journal of Materials Chemistry C, 2016, 4, 6588-6601.	2.7	36
23	Synthesis and crystal structure determination of 0D-, 1D- and 3D-metal compounds of 4-(pyrid-4-yl)-1,2,4-triazole with zinc(II) and cadmium(II). Inorganica Chimica Acta, 2011, 374, 506-513.	1.2	30
24	Modular construction of 3D coordination frameworks incorporating SiF62â^' links: Accessing the significance of [M(pyrazole)4{SiF6}] synthon. CrystEngComm, 2013, 15, 8280.	1.3	26
25	A fluorite isoreticular series of porous framework complexes with tetrahedral ligands: new opportunities for azolate PCPs. CrystEngComm, 2014, 16, 148-151.	1.3	25
26	1,3,5,7-Tetrakis(tetrazol-5-yl)-adamantane: the smallest tetrahedral tetrazole-functionalized ligand and its complexes formed by reaction with anhydrous M(<scp>ii</scp>)Cl₂(M = Mn, Cu, Zn,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	23
27	Self-Assembled p-Carborane Analogue of p-Mercaptobenzoic Acid on Au{111}. Chemistry of Materials, 2015, 27, 5425-5435.	3.2	23
28	A unique polymeric coordination system that exhibits supramolecular isomerism within two dimensions. Inorganic Chemistry Communication, 2003, 6, 769-772.	1.8	21
29	10-Vertex closo-carborane: a unique ligand platform for porous coordination polymers. CrystEngComm, 2016, 18, 2036-2040.	1.3	20
30	A view on systematic truncation of tetrahedral ligands for coordination polymers. CrystEngComm, 2017, 19, 776-780.	1.3	18
31	Surfactant templated synthesis of porous VO x -ZrO 2 catalysts for ethanol conversion to acetaldehyde. Catalysis Today, 2018, 304, 64-71.	2.2	18
32	Influence of sterically non-hindering methyl groups on adsorption properties of two classical zinc and copper MOF types. Comptes Rendus Chimie, 2012, 15, 866-877.	0.2	17
33	Photopatterning of fluorescent hostâ€“guest carriers through pore activation of metalâ€“organic framework single crystals. Chemical Communications, 2017, 53, 7222-7225.	2.2	12
34	More versatility than thought: large {Zr₂₆} oxocarboxylate cluster by corner-sharing of standard octahedral subunits. CrystEngComm, 2018, 20, 5132-5136.	1.3	11
35	Efficient oxidative dehydrogenation of ethanol by VOx@MIL-101: On par with VOx/ZrO2 and much better than MIL-47(V). Catalysis Today, 2019, 324, 106-114.	2.2	9
36	Porous 10- and 12-vertex (bi)-p-dicarba-closo-boranedicarboxylates of cobalt and their gas adsorptive properties. Microporous and Mesoporous Materials, 2018, 271, 284-294.	2.2	8

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37	1,3,5-Triphenyladamantane and 1,3,5,7-tetraphenyladamantane. Acta Crystallographica Section C: Crystal Structure Communications, 2009, 65, o248-o252.	0.4	7
38	Reactions of trialkoxynitridomolybdenum with low-coordinate phosphorus compounds containing a Pî€N double bond. Dalton Transactions, 2011, 40, 711-717.	1.6	5
39	Metalâ€“organic framework structures of fused hexagonal motifs with cuprophilic interactions of a triangular Cu(<scp>i</scp>)₃(pyrazolate-benzoate) metallo-linker. CrystEngComm, 2022, 24, 3675-3691.	1.3	5
40	Solid-State Landscape of 4,4â€²-Azobis(3,5-dimethyl-1H-pyrazole) with the Isolation of Conformer-Dependent Polymorphs. Crystal Growth and Design, 2020, 20, 2721-2733.	1.4	4
41	Pd(/Fe₃O₄)-on-ZIFs: nanoparticle deposition on (nano-)MOFs from ionic liquids. Journal of Materials Chemistry A, 2022, 10, 11955-11970.	5.2	4
42	Polar hydrogen-bonded organic chains in 4,4â€²-bipyrazolium bromide and perchlorate monohydrates. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o373-o376.	0.4	3
43	When Does a Supramolecular Synthon Fail? Comparison of Bridgehead-Functionalized Adamantanes: The Tri- and Tetra-amides and Amine Hydrochlorides. Crystal Growth and Design, 2019, 19, 5218-5227.	1.4	3
44	Ligand Excess â€œInverse-Defectedâ€•Zr₆ Tetrahedral Tetracarboxylate Framework and Its Thermal Transformation. Inorganic Chemistry, 2019, 58, 12786-12797.	1.9	3
45	Coordination polymer with the framework structure [Zn2(DMA)(Atc)] Â· DMA: Synthesis, structure, and properties. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2011, 37, 100-106.	0.3	1
46	Redetermination of diaquatetrakis(dimethylformamide-ÎºO)magnesium dichloride. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1109-m1110.	0.2	1
47	Flexible bifunctional monoethylphosphonate/carboxylates of Zn(<scp>ii</scp>) and Co(<scp>ii</scp>) reinforced with DABCO co-ligand: paradigmatic structural organization with pcu topology. CrystEngComm, 2020, 22, 2933-2944.	1.3	1