

# Ishtvan Boldog

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47  
papers

1,721  
citations

22  
h-index

41  
g-index

49  
ext. papers

1,875  
ext. citations

5.1  
avg, IF

4.42  
L-index

#	Paper	IF	Citations
47	Solid-State Landscape of 4,4'-Azobis(3,5-dimethyl-1H-pyrazole) with the Isolation of Conformer-Dependent Polymorphs. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 2721-2733	3.5	1
46	Flexible bifunctional monoethylphosphonate/carboxylates of Zn(II) and Co(II) reinforced with DABCO co-ligand: paradigmatic structural organization with pcu topology. <i>CrystEngComm</i> , <b>2020</b> , 22, 2933-2944	3.3	0
45	Ligand Excess "Inverse-Defected" Zr Tetrahedral Tetracarboxylate Framework and Its Thermal Transformation. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 12786-12797	5.1	3
44	Benzoic acid as a selector-modulator in the synthesis of MIL-88B(Cr) and nano-MIL-101(Cr). <i>Dalton Transactions</i> , <b>2019</b> , 48, 989-996	4.3	29
43	Efficient oxidative dehydrogenation of ethanol by VOx@MIL-101: On par with VOx/ZrO2 and much better than MIL-47(V). <i>Catalysis Today</i> , <b>2019</b> , 324, 106-114	5.3	5
42	When Does a Supramolecular Synthone Fail? Comparison of Bridgehead-Functionalized Adamantanes: The Tri- and Tetra-amides and Amine Hydrochlorides. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 5218-5227	3.5	3
41	Surfactant templated synthesis of porous VOx-ZrO2 catalysts for ethanol conversion to acetaldehyde. <i>Catalysis Today</i> , <b>2018</b> , 304, 64-71	5.3	12
40	Porous 10- and 12-vertex (bi)-p-dicarba-closo-boranedicarboxylates of cobalt and their gas adsorptive properties. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 271, 284-294	5.3	5
39	More versatility than thought: large {Zr26} oxocarboxylate cluster by corner-sharing of standard octahedral subunits. <i>CrystEngComm</i> , <b>2018</b> , 20, 5132-5136	3.3	5
38	Photopatterning of fluorescent host-guest carriers through pore activation of metal-organic framework single crystals. <i>Chemical Communications</i> , <b>2017</b> , 53, 7222-7225	5.8	12
37	A mixed-linker approach towards improving covalent triazine-based frameworks for CO2 capture and separation. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 241, 303-315	5.3	39
36	A view on systematic truncation of tetrahedral ligands for coordination polymers. <i>CrystEngComm</i> , <b>2017</b> , 19, 776-780	3.3	17
35	Solvent-triggered relaxative spin state switching of [Fe(HB(pz)3)2] in a closed nano-confinement of NH2-MIL-101(Al). <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 6588-6601	7.1	19
34	10-Vertex closo-carborane: a unique ligand platform for porous coordination polymers. <i>CrystEngComm</i> , <b>2016</b> , 18, 2036-2040	3.3	16
33	Self-Assembled p-Carborane Analogue of p-Mercaptobenzoic Acid on Au{111}. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 5425-5435	9.6	17
32	High-yield, fluoride-free and large-scale synthesis of MIL-101(Cr). <i>Dalton Transactions</i> , <b>2015</b> , 44, 16791-8013	4.3	113
31	Water effect on the spin-transition behavior of Fe(II) 1,2,4-triazole 1D chains embedded in pores of MCM-41. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 7802-7812	7.1	37

30	A fluorite isorecticular series of porous framework complexes with tetrahedral ligands: new opportunities for azolate PCPs. <i>CrystEngComm</i> , <b>2014</b> , 16, 148-151	3-3	22
29	1,3,5,7-Tetrakis(tetrazol-5-yl)-adamantane: the smallest tetrahedral tetrazole-functionalized ligand and its complexes formed by reaction with anhydrous M(II)Cl <sub>2</sub> (M = Mn, Cu, Zn, Cd). <i>Dalton Transactions</i> , <b>2014</b> , 43, 12590-605	4-3	20
28	Bifunctional pyrazolate-carboxylate ligands for isorecticular cobalt and zinc MOF-5 analogs with magnetic analysis of the {Co <sub>4</sub> (μ-O)} node. <i>CrystEngComm</i> , <b>2013</b> , 15, 9757	3-3	82
27	Modular construction of 3D coordination frameworks incorporating SiF <sub>6</sub> <sup>2-</sup> linkers: Accessing the significance of [M(pyrazole) <sub>4</sub> {SiF <sub>6</sub> }] synthon. <i>CrystEngComm</i> , <b>2013</b> , 15, 8280	3-3	22
26	A rare alb-4,8-Cmce metal-coordination network based on tetrazolate and phosphonate functionalized 1,3,5,7-tetraphenyladamantane. <i>CrystEngComm</i> , <b>2013</b> , 15, 1235	3-3	37
25	Highly stable nanoporous covalent triazine-based frameworks with an adamantane core for carbon dioxide sorption and separation. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14990	1-3	167
24	Influence of sterically non-hindering methyl groups on adsorption properties of two classical zinc and copper MOF types. <i>Comptes Rendus Chimie</i> , <b>2012</b> , 15, 866-877	2-7	14
23	Novel coordination frameworks incorporating the 4,4'-bipyrazolyl ditopic ligand. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 5235-45	5-1	55
22	1,2,4-Triazole functionalized adamantanes: a new library of polydentate tectons for designing structures of coordination polymers. <i>Dalton Transactions</i> , <b>2012</b> , 41, 8675-89	4-3	46
21	Reactions of trialkoxynitridomolybdenum with low-coordinate phosphorus compounds containing a P=N double bond. <i>Dalton Transactions</i> , <b>2011</b> , 40, 711-7	4-3	5
20	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). <i>Inorganica Chimica Acta</i> , <b>2011</b> , 374, 506-513	2-7	27
19	Coordination polymer with the framework structure [Zn <sub>2</sub> (DMA)(Atc)] <sub>n</sub> DMA: Synthesis, structure, and properties. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2011</b> , 37, 100-106	1-6	1
18	Redetermination of diaqua-tetra-kis-(dimethyl-formamide- $\mu$ )magnesium dichloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m1109-10		1
17	Spin Crossover Phenomenon in Nanocrystals and Nanoparticles of [Fe(3-Fpy) <sub>2</sub> M(CN) <sub>4</sub> ] (MII= Ni, Pd, Pt) Two-Dimensional Coordination Polymers. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 4271-4281	9-6	119
16	1,3,5-Triphenyladamantane and 1,3,5,7-tetraphenyladamantane. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2009</b> , 65, o248-52		7
15	Hydrogen Bonding Patterns and Supramolecular Structure of 4,4'-Bipyrazolium Salts. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 2895-2905	3-5	41
14	Polynuclear spin crossover complexes: synthesis, structure, and magnetic behavior of [Fe <sub>4</sub> ( $\mu$ -CN) <sub>4</sub> (phen) <sub>4</sub> (L) <sub>2</sub> ] <sub>4+</sub> squares. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 3710-9	5-1	55
13	Spin-crossover nanocrystals with magnetic, optical, and structural bistability near room temperature. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 6433-7	16-4	254

12	Polar hydrogen-bonded organic chains in 4,4'-bipyrazolium bromide and perchlorate monohydrates. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2005</b> , 61, o373-6		3
11	Helical Bipyrazole Networks Conditioned by Hydrothermal Crystallization. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1095-1100	1.3	44
10	Cooperative association of pyrazoles and phenols: A versatile binary system. <i>New Journal of Chemistry</i> , <b>2004</b> , 28, 756	3.6	35
9	A unique polymeric coordination system that exhibits supramolecular isomerism within two dimensions. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 769-772	3.1	21
8	Construction of extended networks with a trimeric pyrazole synthon. <i>Chemical Communications</i> , <b>2003</b> , 740-1	5.8	62
7	Supramolecular Hydrogen Bonded Assemblies Involving Bipyrazolyl Tectons. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2002</b> , 628, 2165-2165	1.3	1
6	4,4'-Bipyrazolyl: new bitopic connector for construction of coordination networks. <i>Inorganica Chimica Acta</i> , <b>2002</b> , 338, 69-77	2.7	37
5	Mixed-anion complexes with a bipyrazolyl ligand. A new entry to a realm of three-dimensional five-connected coordination topologies. <i>Chemical Communications</i> , <b>2002</b> , 436-7	5.8	42
4	One- and two-dimensional coordination polymers of 3,3',5,5'-tetramethyl-4,4'-bipyrazolyl, a new perspective crystal engineering module. <i>Polyhedron</i> , <b>2001</b> , 20, 887-897	2.7	44
3	Acentric Extended Solids by Self Assembly of 4,4'-Bipyrazolyls. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 3543-3546	6	6
2	Acentric Extended Solids by Self Assembly of 4,4'-Bipyrazolyls The authors gratefully acknowledge support from the Deutsche Forschungsgemeinschaft and the Sächsisches Staatsministerium für Wissenschaft und Kunst.. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 3435-3438	16.4	82
1	Coordination polymers of CuII and 3,3',5,5'-tetramethyl-4,4'-bipyrazolyl: a novel metal-organic three-dimensional network with four-coordinated planar vertices. <i>Dalton Transactions RSC</i> , <b>2001</b> , 893-897		34