Thais Grancha

List of Publications by Year in Descending Order

33 papers	998 citations	18 h-index	31 g-index
35 ext. papers	1,143 ext. citations	8 avg, IF	4.19 L-index

#	Paper	IF	Citations
33	Steric Hindrance in Metal Coordination Drives the Separation of Pyridine Regioisomers Using Rhodium(II)-Based Metal□Organic Polyhedra. *Angewandte Chemie*, **2021**, 133, 11507-11514	3.6	1
32	Steric Hindrance in Metal Coordination Drives the Separation of Pyridine Regioisomers Using Rhodium(II)-Based Metal-Organic Polyhedra. *Angewandte Chemie - International Edition*, **2021**, 60, 11406-11413	16.4	7
31	Synthesis of Polycarboxylate Rhodium(II) Metal-Organic Polyhedra (MOPs) and their use as Building Blocks for Highly Connected Metal-Organic Frameworks (MOFs). *Angewandte Chemie - International Edition*, **2021**, 60, 5729-5733	16.4	24
30	Synthesis of Polycarboxylate Rhodium(II) Metal□Organic Polyhedra (MOPs) and their use as Building Blocks for Highly Connected Metal□Organic Frameworks (MOFs). *Angewandte Chemie*, **2021**, 133, 5793-5797	3.6	2
29	Postsynthetic Covalent and Coordination Functionalization of Rhodium(II)-Based Metal-Organic Polyhedra. *Journal of the American Chemical Society*, **2019**, 141, 4094-4102	16.4	57
28	Phase Transfer of Rhodium(II)-Based Metal-Organic Polyhedra Bearing Coordinatively Bound Cargo Enables Molecular Separation. *Journal of the American Chemical Society*, **2019**, 141, 18349-18355	16.4	30
27	Protection strategies for directionally-controlled synthesis of previously inaccessible metal-organic polyhedra (MOPs): the cases of carboxylate- and amino-functionalised Rh(ii)-MOPs. *Chemical Communications*, **2019**, 55, 12785-12788	5.8	19
26	Zigzag Ligands for Transversal Design in Reticular Chemistry: Unveiling New Structural Opportunities for Metal-Organic Frameworks. *Journal of the American Chemical Society*, **2018**, 140, 10153-10157	16.4	48
25	Toward Engineering Chiral Rodlike Metal-Organic Frameworks with Rare Topologies. *Inorganic Chemistry*, **2018**, 57, 12869-12875	5.1	10
24	Tuning the selectivity of light hydrocarbons in natural gas in a family of isoreticular MOFs. *Journal of Materials Chemistry A*, **2017**, 5, 11032-11039	13	28
23	Rational Synthesis of Chiral Metal-Organic Frameworks from Preformed Rodlike Secondary Building Units. *Inorganic Chemistry*, **2017**, 56, 6551-6557	5.1	25
22	Spin Crossover in Double Salts Containing Six- and Four-Coordinate Cobalt(II) Ions. *Inorganic Chemistry*, **2017**, 56, 6281-6296	5.1	28
21	Selective Gold Recovery and Catalysis in a Highly Flexible Methionine-Decorated Metal-Organic Framework. *Journal of the American Chemical Society*, **2016**, 138, 7864-7	16.4	136
20	Insights into the Dynamics of Grotthuss Mechanism in a Proton-Conducting Chiral bioMOF. *Chemistry of Materials*, **2016**, 28, 4608-4615	9.6	82
19	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. *Chemistry - A European Journal*, **2016**, 22, 539-45	4.8	55
18	Solvent-Dependent Self-Assembly of an Oxalato-Based Three-Dimensional Magnet Exhibiting a Novel Architecture. *Inorganic Chemistry*, **2016**, 55, 6845-7	5.1	12
17	Solid-State Molecular Nanomagnet Inclusion into a Magnetic Metal-Organic Framework: Interplay of the Magnetic Properties. *Chemistry - A European Journal*, **2016**, 22, 441	4.8	2

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16	Spin-crossover complex encapsulation within a magnetic metal-organic framework. *Chemical Communications*, **2016**, 52, 7360-3	5.8	33
15	Oxotris(oxalato)niobate(V) as counterion in cobalt(II) spin-crossover systems. *Polyhedron*, **2016**, 117, 710-717	2.7	11
14	Structural Studies on a New Family of Chiral BioMOFs. *Crystal Growth and Design*, **2016**, 16, 5571-5578	3.5	16
13	Postsynthetic Improvement of the Physical Properties in a Metal-Organic Framework through a Single Crystal to Single Crystal Transmetallation. *Angewandte Chemie - International Edition*, **2015**, 54, 6521-5	16.4	84
12	Cation Exchange in Dynamic 3D Porous Magnets: Improvement of the Physical Properties. *Inorganic Chemistry*, **2015**, 54, 10834-40	5.1	17
11	Double interpenetration in a chiral three-dimensional magnet with a (10,3)-a structure. *Inorganic Chemistry*, **2015**, 54, 8890-2	5.1	14
10	Postsynthetic Improvement of the Physical Properties in a Metal□Organic Framework through a Single Crystal to Single Crystal Transmetallation. *Angewandte Chemie*, **2015**, 127, 6621-6625	3.6	13
9	Oxamato-based coordination polymers: recent advances in multifunctional magnetic materials. *Chemical Communications*, **2014**, 50, 7569-85	5.8	94
8	A triple-bridged azido-Cu(II) chain compound fine-tuned by mixed carboxylate/ethanol linkers displays slow-relaxation and ferromagnetic order: synthesis, crystal structure, magnetic properties and DFT calculations. *Dalton Transactions*, **2014**, 43, 15359-66	4.3	19
7	High-temperature spin crossover in a mononuclear six-coordinate cobalt(II) complex. *Inorganic Chemistry*, **2014**, 53, 10009-11	5.1	27
6	Enantioselective self-assembly of antiferromagnetic hexacopper(II) wheels with chiral amino acid oxamates. *Chemical Communications*, **2013**, 49, 5942-4	5.8	22
5	Efficient, Cyanine Dye Based Bilayer Solar Cells. *Advanced Energy Materials*, **2013**, 3, 472-477	21.8	36
4	Self-assembly of a chiral three-dimensional manganese(II)□opper(II) coordination polymer with a double helical architecture. *CrystEngComm*, **2013**, 15, 9312	3.3	17
3	Influence of the cyanine counter anions on a bi-layer solar cell performance. *Materials Research Society Symposia Proceedings*, **2013**, 1493, 275-280		
2	Ligand effects on the dimensionality of oxamato-bridged mixed-metal open-framework magnets. *Chemical Communications*, **2012**, 48, 3539-41	5.8	15
1	Solid-state aggregation of metallacyclophane-based Mn(II)Cu(II) one-dimensional ladders. *Inorganic Chemistry*, **2012**, 51, 7019-21	5.1	14