

Bao Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7733701/publications.pdf>

Version: 2024-02-01

69
papers

1,903
citations

257101

24
h-index

264894

42
g-index

69
all docs

69
docs citations

69
times ranked

2378
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-Induced Transformation of Single Crystals of a Spin-Crossover (SCO) Compound to Single Crystals with Two Distinct SCO Centers. <i>Journal of the American Chemical Society</i> , 2010, 132, 1558-1566.	6.6	241
2	Creating Well-Defined Hexabenzocoronene in Zirconium Metal-Organic Framework by Postsynthetic Annulation. <i>Journal of the American Chemical Society</i> , 2019, 141, 2054-2060.	6.6	148
3	Metal-Organic Framework Containing Planar Metal-Binding Sites: Efficiently and Cost-Effectively Enhancing the Kinetic Separation of C ₂ H ₂ /C ₂ H ₄ . <i>Journal of the American Chemical Society</i> , 2019, 141, 3807-3811.	6.6	144
4	Enhancing Pore-Environment Complexity Using a Trapezoidal Linker: Toward Stepwise Assembly of Multivariate Quinary Metal-Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018, 140, 12328-12332.	6.6	78
5	Sequential Transformation of Zirconium(IV)-MOFs into Heterobimetallic MOFs Bearing Magnetic Anisotropic Cobalt(II) Centers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12578-12583.	7.2	70
6	Thermally Induced and Photoinduced Valence Tautomerism in a Two-Dimensional Coordination Polymer. <i>Inorganic Chemistry</i> , 2011, 50, 424-426.	1.9	60
7	Crystallographic Visualization of Postsynthetic Nickel Clusters into Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2019, 141, 13654-13663.	6.6	60
8	Side-effect of ancillary ligand on electron transfer and photodynamics of a dinuclear valence tautomeric complex. <i>Chemical Communications</i> , 2008, , 2269.	2.2	59
9	Pressure Effects on a Spin-Crossover Monomeric Compound [Fe(pmea)(SCN) ₂] (pmea =) Tj ETQq1 1 0,784314 ggBT /Ov	1.9	50
10	Multifunctional Zr-MOF Based on Bisimidazole Tetracarboxylic Acid for pH Sensing and Photoreduction of Cr(VI). <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54217-54226.	4.0	49
11	Enhancing the separation efficiency of a C ₂ H ₂ /C ₂ H ₄ mixture by a chromium metal-organic framework fabricated via post-synthetic metalation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2083-2089.	5.2	45
12	A Three-Dimensional Complex with a One-Dimensional Cobalt-Hydroxyl Chain Based on Planar Nonanuclear Clusters Showing Spin-Canted Antiferromagnetism. <i>Inorganic Chemistry</i> , 2015, 54, 3331-3336.	1.9	41
13	Unconventional Method for Fabricating Valence Tautomeric Materials: Integrating Redox Center within a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2019, 141, 6822-6826.	6.6	39
14	Four Coordination Polymers Based on Identical Eight-Connected Heptanuclear Clusters: Spin Canting, Spin Glass, Antiferromagnetism, and Gas Adsorption. <i>Inorganic Chemistry</i> , 2013, 52, 11573-11579.	1.9	38
15	Magnetic Metal-Organic Framework Exhibiting Quick and Selective Solvatochromic Behavior along with Reversible Crystal-to-Amorphous-to-Crystal Transformation. <i>Inorganic Chemistry</i> , 2018, 57, 7006-7014.	1.9	38
16	Hierarchical nickel/phosphorus/nitrogen/carbon composites templated by one metal-organic framework as highly efficient supercapacitor electrode materials. <i>Journal of Materials Chemistry A</i> , 2019, 7, 2875-2883.	5.2	38
17	A mesoporous NNN-pincer-based metal-organic framework scaffold for the preparation of noble-metal-free catalysts. <i>Chemical Communications</i> , 2019, 55, 2023-2026.	2.2	38
18	Luminescent Response of One Anionic Metal-Organic Framework Based on Novel Octa-nuclear Zinc Cluster to Exchanged Cations. <i>Crystal Growth and Design</i> , 2014, 14, 410-413.	1.4	35

#	ARTICLE	IF	CITATIONS
19	Temperature-controlled synthesis and luminescent properties of two novel coordination polymers modeled by hexa-carboxylate ligand derived from cyclotriphosphazene. Dalton Transactions, 2013, 42, 2588-2593.	1.6	33
20	Series of Highly Stable Lanthanide-Organic Frameworks Constructed by a Bifunctional Linker: Synthesis, Crystal Structures, and Magnetic and Luminescence Properties. Inorganic Chemistry, 2018, 57, 2577-2583.	1.9	33
21	The effects of pressure on valence tautomeric transitions of dinuclear cobalt complexes. Chemical Communications, 2008, , 6019.	2.2	32
22	Temperature-controlled synthesis of two novel coordination polymers modeled by semi-rigid tetrapyrindines. CrystEngComm, 2011, 13, 7025.	1.3	30
23	Metal-organic frameworks based on halogen-bridged dinuclear-Cu-nodes as promising materials for high performance supercapacitor electrodes. CrystEngComm, 2017, 19, 7177-7184.	1.3	30
24	An iron(ii) incomplete spin-crossover compound: pressure effects and Mössbauer spectroscopy study. Dalton Transactions, 2010, 39, 2288.	1.6	28
25	Single-atom implanted two-dimensional MOFs as efficient electrocatalysts for the oxygen evolution reaction. Inorganic Chemistry Frontiers, 2020, 7, 4661-4668.	3.0	26
26	Nanosized Chiral [Mn ₆ Ln ₂] Clusters Modeled by Enantiomeric Schiff Base Derivatives: Synthesis, Crystal Structures, and Magnetic Properties. Inorganic Chemistry, 2018, 57, 8639-8645.	1.9	25
27	Lanthanide coordination polymers with hexa-carboxylate ligands derived from cyclotriphosphazene as bridging linkers: synthesis, thermal and luminescent properties. CrystEngComm, 2013, 15, 7732.	1.3	24
28	Structural tuning of zinc-porphyrin frameworks via auxiliary nitrogen-containing ligands towards selective adsorption of cationic dyes. Chemical Communications, 2019, 55, 6527-6530.	2.2	23
29	Facile Fabrication of a Multifunctional Metal-Organic Framework-based Sensor Exhibiting Exclusive Solvchromic Behaviors toward Ketone Molecules. ACS Applied Materials & Interfaces, 2019, 11, 8227-8233.	4.0	22
30	Sophisticated Construction of Electronically Labile Materials: A Neutral, Radical-Rich, Cobalt Valence Tautomeric Triangle. Journal of the American Chemical Society, 2018, 140, 14581-14585.	6.6	21
31	Unidirectional Charge Transfer in Di-cobalt Valence Tautomeric Compound Finely Tuned by Ancillary Ligand. Inorganic Chemistry, 2013, 52, 4136-4138.	1.9	18
32	Porous Interdigitation Molecular Cage from Tetraphenylethylene Trimeric Macrocycles That Showed Highly Selective Adsorption of CO ₂ and TNT Vapor in Air. Organic Letters, 2018, 20, 321-324.	2.4	18
33	Template controlled synthesis of cluster-based porous coordination polymers: crystal structure, magnetism and adsorption. New Journal of Chemistry, 2015, 39, 7333-7339.	1.4	17
34	Series of Single-Ion and 1D Chain Complexes Based on Quinolinic Derivative: Synthesis, Crystal Structures, HF-EPR, and Magnetic Properties. Inorganic Chemistry, 2018, 57, 7757-7762.	1.9	17
35	Various crystal structures based on 4,4'-diethynylanthracene-9,10-diyl dibenzoic acid: from OD dimer to 3D net framework. CrystEngComm, 2013, 15, 8273.	1.3	15
36	Structural diversities and magnetic properties of azide-containing coordination polymers based on flexible tetra-pyridinate ligands. CrystEngComm, 2015, 17, 1556-1563.	1.3	14

#	ARTICLE	IF	CITATIONS
37	Synthesis, crystal structure and luminescence studies of zinc(Zn^{2+}) and cadmium(Cd^{2+}) complexes with 6-(1H-tetrazol-5-yl)-2-naphthoic acid. <i>CrystEngComm</i> , 2016, 18, 6396-6402.	1.3	13
38	External Pressure Effect on a Twofold Interpenetrated 3D PtS -Type Spin-Crossover Coordination Polymer. <i>Crystal Growth and Design</i> , 2018, 18, 1931-1934.	1.4	13
39	Variable architectures of Zinc coordination polymers modeled by tetra-pyridine ligands with different anions. <i>CrystEngComm</i> , 2012, 14, 6770.	1.3	12
40	2D Co-based coordination polymer with a histidine derivative as an efficient heterogeneous catalyst for the oxidation of cyclohexene. <i>CrystEngComm</i> , 2017, 19, 2126-2132.	1.3	12
41	A series of transition metal coordination polymers based on a rigid bi-functional carboxylate-triazolate tecton. <i>CrystEngComm</i> , 2017, 19, 4586-4594.	1.3	12
42	A series of six-membered lanthanide rings based on 2,2-bis(hydroxymethyl)-2,2,3,3-tetrahydro-1,2,4-triazole synthesis, crystal structures and magnetic properties. <i>CrystEngComm</i> , 2017, 19, 4807-4814.	1.3	11
43	Two novel high-dimensional iron(II) coordination polymers modeled by semi-rigid tetrapyridines. <i>CrystEngComm</i> , 2012, 14, 6049.	1.3	10
44	Embedding 1D or 2D cobalt-carboxylate substrates in 3D coordination polymers exhibiting slow magnetic relaxation behaviors: crystal structures, high-field EPR, and magnetic studies. <i>Dalton Transactions</i> , 2017, 46, 4786-4795.	1.6	10
45	Two novel interpenetrating silver(I) coordination architectures modeled by semi-rigid tetra-pyridinate ligands. <i>CrystEngComm</i> , 2012, 14, 8396.	1.3	9
46	The effect of coordination habits of metal ions on fabricating metal-organic frameworks with thiophenedicarboxylate. <i>Inorganic Chemistry Communication</i> , 2019, 101, 81-86.	1.8	9
47	Effect of anions on structure and luminescence property of Cu(I) -4,6-di(3-pyridylethynyl)dibenzothiophene complexes. <i>Inorganica Chimica Acta</i> , 2016, 442, 97-104.	1.2	8
48	Two Self-Interpenetrating Copper(II)-Paddlewheel Metal-Organic Frameworks Constructed from Bifunctional Triazolate-Carboxylate Linkers. <i>Crystal Growth and Design</i> , 2018, 18, 6204-6210.	1.4	8
49	Regulating the Topologies of Zirconium-Organic Frameworks for a Crystal Sponge Applicable to Inorganic Matter. <i>Inorganic Chemistry</i> , 2020, 59, 11940-11944.	1.9	8
50	Highly Effective OER Electrocatalysts Generated from a Two-Dimensional Metal-Organic Framework Including a Sulfur-Containing Linker without Doping. <i>Inorganic Chemistry</i> , 2022, 61, 7051-7059.	1.9	8
51	Conversion of CO_2 to epoxides or oxazolidinones enabled by a $\text{Cu}^{\text{I}}/\text{Cu}^{\text{II}}$ -organic framework bearing a tri-functional linker. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 4425-4432.	3.0	8
52	A two-fold interpenetrating metal-organic framework based on $[\text{Co}_4\text{O}(\text{COO})_6]$ cluster: Synthesis, crystal structure and catalytic properties. <i>Inorganic Chemistry Communication</i> , 2019, 106, 180-184.	1.8	6
53	Modulating the Architectures of Cobalt Metal-Organic Frameworks to Fine-tune Slow Magnetic Relaxation Behaviors. <i>Crystal Growth and Design</i> , 2021, 21, 5678-5686.	1.4	6
54	A microporous chromium-organic framework fabricated via solvent-assisted metal metathesis for $\text{C}_2\text{H}_2/\text{CO}_2$ separation. <i>Dalton Transactions</i> , 2022, 51, 11658-11664.	1.6	6

#	ARTICLE	IF	CITATIONS
55	Sequential Transformation of Zirconium(IV)â€MOFs into Heterobimetallic MOFs Bearing Magnetic Anisotropic Cobalt(II) Centers. <i>Angewandte Chemie</i> , 2018, 130, 12758-12763.	1.6	5
56	<i>In situ</i> preparation of a Co ₄ S ₃ -based electrocatalyst by taking advantage of the controllable components of metalâ€organic frameworks. <i>Dalton Transactions</i> , 2022, 51, 6747-6755.	1.6	5
57	Thermally induced transformation of a Cu ₄ I ₄ -based cluster to a Cu ₂ I ₂ -based cluster under mild conditions. <i>Dalton Transactions</i> , 2021, 50, 9016-9020.	1.6	4
58	Silver(I) Architectures Based on Rigid Terpyridylâ€Carboxyl Ligands: Synthesis, Crystal Structure and Electrochemical Properties. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1027-1032.	2.6	3
59	A porous framework based on tetrakis(4-pyridyloxymethyl)methane fine-tuned by metal ions: synthesis, crystal structures and adsorption properties. <i>New Journal of Chemistry</i> , 2016, 40, 1430-1435.	1.4	3
60	1D infinite helical water chain encapsulated in a supramolecular complex based on amino acid derivate. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 625, 253-258.	0.4	3
61	Modulating the relaxation dynamics <i>via</i> structural transition from a dinuclear dysprosium cluster to a nonanuclear cluster. <i>Dalton Transactions</i> , 2021, 50, 12814-12820.	1.6	3
62	Synthesis, Structures, and Sorption Properties of Two New Metalâ€Organic Frameworks Constructed by the Polycarboxylate Ligand Derived from Cyclotriphosphazene. <i>ACS Omega</i> , 2021, 6, 23110-23116.	1.6	3
63	Effect of Orbital-Symmetry Matching in a Metalâ€Organic Framework for Highly Efficient C ₂ H ₂ /C ₂ H ₄ and C ₂ H ₂ /CO ₂ Separations. <i>Inorganic Chemistry</i> , 2022, 61, 10263-10266.	1.9	3
64	Synthesis, crystal structures and luminescence studies of zinc(II) and cadmium(II) complexes with 5-(1H-tetrazol-5-yl)nicotinic acid. <i>Inorganic Chemistry Communication</i> , 2020, 119, 108076.	1.8	2
65	Two Novel Coordination Polymers Based on Semi-rigid Tetrapyridine Fine-Tuned by Different Carboxylates. <i>Journal of Chemical Crystallography</i> , 2018, 48, 73-77.	0.5	1
66	A zirconium-organic framework incorporating with amino and sulfoxide groups. <i>Inorganic Chemistry Communication</i> , 2019, 107, 107484.	1.8	1
67	A highly active oxygen evolution electrocatalyst derived from Co/Ni-succinic acid framework under mild conditions. <i>CrystEngComm</i> , 2022, 24, 1453-1458.	1.3	1
68	Mono-nuclear and Hexa-nuclear Iron(III) Compounds Based on Phenol-Pyrazole Ligand: Synthesis, Crystal Structure and Magnetic Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1380-1385.	1.9	0
69	One new zinc-organic framework constructed from biphenyl-3,4â€2,5-tricarboxylic acid. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107939.	1.8	0