

Chao Zou

List of Publications by Year in descending order

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32
papers

2,715
citations

218592

26
h-index

395590

33
g-index

37
all docs

37
docs citations

37
times ranked

3454
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multifunctional Organic-Inorganic Hybrid Structure Based on Mn ^{III} -Porphyrin and Polyoxometalate as a Highly Effective Dye Scavenger and Heterogeneous Catalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 87-90.	6.6	408
2	A Luminescent Dye@MOF Platform: Emission Fingerprint Relationships of Volatile Organic Molecules. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1575-1579.	7.2	297
3	Porous Metalloporphyrinic Frameworks Constructed from Metal 5,10,15,20-Tetrakis(3,5-bis(carboxyl)phenyl)porphyrin for Highly Efficient and Selective Catalytic Oxidation of Alkylbenzenes. <i>Journal of the American Chemical Society</i> , 2012, 134, 10638-10645.	6.6	265
4	Assembly and Post-Modification of a Metal-Organic Nanotube for Highly Efficient Catalysis. <i>Journal of the American Chemical Society</i> , 2012, 134, 19851-19857.	6.6	234
5	OD Cs ₃ Cu ₂ X ₅ (X = I, Br, and Cl) Nanocrystals: Colloidal Syntheses and Optical Properties. <i>Small</i> , 2020, 16, e1905226.	5.2	158
6	A Sn ^{IV} -Porphyrin-Based Metal-Organic Framework for the Selective Photo-Oxygenation of Phenol and Sulfides. <i>Inorganic Chemistry</i> , 2011, 50, 5318-5320.	1.9	150
7	Functional porphyrinic metal-organic frameworks: crystal engineering and applications. <i>Dalton Transactions</i> , 2012, 41, 3879.	1.6	114
8	A Luminescent Mixed-Lanthanide-Organic Framework Sensor for Decoding Different Volatile Organic Molecules. <i>Analytical Chemistry</i> , 2014, 86, 6648-6653.	3.2	91
9	Doubly Interpenetrated Metal-Organic Framework for Highly Selective C ₂ H ₂ /CH ₄ and C ₂ H ₂ /CO ₂ Separation at Room Temperature. <i>Crystal Growth and Design</i> , 2016, 16, 7194-7197.	1.4	80
10	Four Metalloporphyrinic Frameworks as Heterogeneous Catalysts for Selective Oxidation and Aldol Reaction. <i>Inorganic Chemistry</i> , 2013, 52, 3620-3626.	1.9	78
11	Two metal-organic frameworks based on a double azolium derivative: post-modification and catalytic activity. <i>Chemical Communications</i> , 2011, 47, 11005.	2.2	72
12	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-Tunable Circularly Polarized Luminescence. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6915-6922.	7.2	71
13	Platinum photo-catalysis for highly selective difluoroalkylation reactions. <i>Chemical Communications</i> , 2017, 53, 8948-8951.	2.2	70
14	Expanded Organic Building Units for the Construction of Highly Porous Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2013, 19, 14886-14894.	1.7	66
15	Tunable Multicolor Phosphorescence of Crystalline Polymeric Complex Salts with Metallophilic Backbones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6279-6283.	7.2	57
16	A Stable Microporous Mixed-Metal Metal-Organic Framework with Highly Active Cu ²⁺ Sites for Efficient Cross-Dehydrogenative Coupling Reactions. <i>Chemistry - A European Journal</i> , 2014, 20, 1447-1452.	1.7	55
17	Five porphyrin-core-dependent metal-organic frameworks and framework-dependent fluorescent properties. <i>CrystEngComm</i> , 2012, 14, 4850.	1.3	46
18	Palladium N-heterocyclic allenylidene complexes with extended intercationic Pd ⁺ Pd interactions and MMLCT phosphorescence. <i>Chemical Communications</i> , 2018, 54, 5319-5322.	2.2	39

#	ARTICLE	IF	CITATIONS
19	Synthesis of diamondoid lanthanide-organic polyoxometalate solids as tunable photoluminescent materials. Dalton Transactions, 2012, 41, 10091.	1.6	38
20	Homoleptic gold(<i>II</i>) N-heterocyclic allenylidene complexes: excited-state properties and lyotropic chromonics. Chemical Communications, 2016, 52, 4983-4986.	2.2	38
21	Four Honeycomb Metal-Organic Frameworks with a Flexible Tripodal Polyaromatic Acid. Crystal Growth and Design, 2013, 13, 1429-1437.	1.4	36
22	Colloidal syntheses of zero-dimensional Cs ₄ SnX ₆ (X = Br, I) nanocrystals with high emission efficiencies. Chemical Communications, 2020, 56, 387-390.	2.2	35
23	Template mediated and solvent-free route to a variety of UiO-66 metal-organic frameworks. RSC Advances, 2016, 6, 102968-102971.	1.7	34
24	A series of metal-organic coordination polymers containing multiple chiral centers. CrystEngComm, 2011, 13, 1570-1579.	1.3	28
25	Syntheses, crystal structures and optical properties of six homochiral coordination networks based on phenyl acid-amino acids. CrystEngComm, 2011, 13, 6422.	1.3	27
26	Controlling Metallophilic Interactions in Chiral Gold(I) Double Salts towards Excitation Wavelength-Tunable Circularly Polarized Luminescence. Angewandte Chemie, 2020, 132, 6982-6989.	1.6	20
27	Tunable Multicolor Phosphorescence of Crystalline Polymeric Complex Salts with Metallophilic Backbones. Angewandte Chemie, 2018, 130, 6387-6391.	1.6	19
28	Highly phosphorescent organopalladium(<i>II</i>) complexes with metal-metal-to-ligand charge-transfer excited states in fluid solutions. Dalton Transactions, 2019, 48, 10417-10421.	1.6	17
29	Synthesis of a porphyrinic polymer for highly efficient oxidation of arylalkanes in water. Catalysis Communications, 2015, 66, 116-120.	1.6	9
30	Lyotropic Chromonic Mesophases Derived from Metal-Organic Complexes. Chemistry - an Asian Journal, 2018, 13, 3092-3105.	1.7	5
31	Helically chiral Pd(<i>II</i>) complexes containing intramolecular Pd-Pd metallophilicity as circularly polarized molecular phosphors. Chemical Communications, 2021, 57, 1627-1630.	2.2	5
32	Phosphorescent Zwitterionic Pt(II) N-Heterocyclic Allenylidene Complexes: Metallophilicity and Ionic Self-Assembly. Chinese Journal of Chemistry, 2021, 39, 1159-1167.	2.6	5