

Ji Zheng

List of Publications by Year in descending order

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36
papers

1,538
citations

279798

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docs citations

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times ranked

1852
citing authors

#	ARTICLE	IF	CITATIONS
1	Coinage-Metal-Based Cyclic Trinuclear Complexes with Metal–Metal Interactions: Theories to Experiments and Structures to Functions. <i>Chemical Reviews</i> , 2020, 120, 9675-9742.	47.7	148
2	Approaching White-Light Emission from a Phosphorescent Trinuclear Gold(I) Cluster by Modulating Its Aggregation Behavior. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13472-13476.	13.8	121
3	Metallophilicity-Driven Dynamic Aggregation of a Phosphorescent Gold(I)–Silver(I) Cluster Prepared by Solution-Based and Mechanochemical Approaches. <i>Journal of the American Chemical Society</i> , 2014, 136, 9532-9535.	13.7	121
4	Ambipolar D ^A type bifunctional materials with hybridized local and charge-transfer excited state for high performance electroluminescence with EQE of 7.20% and CIE _y ≈ 0.06. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5402-5410.	5.5	107
5	A dual-emitting Cu ₆ –Cu ₂ –Cu ₆ cluster as a self-calibrated, wide-range luminescent molecular thermometer. <i>Chemical Communications</i> , 2014, 50, 9115-9118.	4.1	103
6	Carbonyl-based polyimide and polyquinoneimide for potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9997-10003.	10.3	102
7	Mechanically Triggered Fluorescence/Phosphorescence Switching in the Excimers of Planar Trinuclear Copper(I) Pyrazolate Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 11604-11615.	4.0	96
8	Novel Bipolar Phenanthroimidazole Derivative Design for a Nondoped Deep-Blue Emitter with High Singlet Exciton Yields. <i>Advanced Optical Materials</i> , 2015, 3, 1215-1219.	7.3	84
9	The π -acidity/basicity of cyclic trinuclear units (CTUs): from a theoretical perspective to potential applications. <i>Chemical Communications</i> , 2019, 55, 7134-7146.	4.1	58
10	A Br-substituted phenanthroimidazole derivative with aggregation induced emission from intermolecular halogen–hydrogen interactions. <i>Chemical Communications</i> , 2015, 51, 6350-6353.	4.1	57
11	Acid-triggered interlayer sliding of two-dimensional copper(II)-organic frameworks: more metal sites for catalysis. <i>Chemical Science</i> , 2021, 12, 6280-6286.	7.4	53
12	Luminescent Cu ₄ –I ₄ –Cu ₃ (Pyrazolate) ₃ Coordination Frameworks: Postsynthetic Ligand Substitution Leads to Network Displacement and Entanglement. <i>Inorganic Chemistry</i> , 2017, 56, 13446-13455.	4.0	44
13	Pyrazine functionalization to boost the antenna effect in rare-earth metal-organic frameworks for tetracycline detection. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1714-1721.	6.0	35
14	Modulation of argentophilic interactions by bridging amine ligands: photoluminescence tuneable by excitation energy or temperature. <i>Chemical Communications</i> , 2014, 50, 9000-9002.	4.1	34
15	Revealing High-Lying Intersystem Crossing in Brightly Luminescent Cyclic Trinuclear CuI/AgI Complexes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2067-2073.	4.6	31
16	Exohedral Cuprofullerene: Sequentially Expanding Metal Olefin Up to a C ₆₀ @Cu ₂₄ Rhombicuboctahedron. <i>Journal of the American Chemical Society</i> , 2020, 142, 5943-5947.	13.7	30
17	A luminescent supramolecular Cu ₂ –I ₂ (NH ₃) ₂ -sandwiched Cu ₃ (pyrazolate) ₃ adduct as a temperature sensor. <i>Dalton Transactions</i> , 2018, 47, 3679-3683.	3.3	29
18	A microporous <i>shp</i> -topology metal-organic framework with an unprecedented high-nuclearity Co ₁₀ -cluster for iodine capture and histidine detection. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4300-4309.	5.9	27

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19	Mixed-Linker Isorecticular Zn(II) Metal-Organic Frameworks as Brønsted Acid-Base Bifunctional Catalysts for Knoevenagel Condensation Reactions. <i>Inorganic Chemistry</i> , 2022, 61, 8339-8348.	4.0	27
20	Cr ₂ O ₇ ²⁻ inside Zr/Hf-based metal-organic frameworks: highly sensitive and selective detection and crystallographic evidence. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16974-16983.	5.5	26
21	A chemopalette strategy for white light by modulating monomeric and excimeric phosphorescence of a simple Cu(<i>scp</i>) cyclic trinuclear unit. <i>Chemical Communications</i> , 2019, 55, 4635-4638.	4.1	25
22	Counteranion-Triggered and Excitation-Dependent Chemopalette Effect in a Supramolecular Dual-Emissive System Based on Cu ₃ Pz ₃ . <i>Inorganic Chemistry</i> , 2019, 58, 1081-1090.	4.0	24
23	Curved Cyclic Trimers: Orthogonal Cu-Cu Interaction versus Tetrameric Halogen Bonding. <i>Crystal Growth and Design</i> , 2016, 16, 4991-4998.	3.0	16
24	White Light from Blue Fluorescence and Sensitized Yellow Long-Afterglow Phosphorescence of <i>o</i> -Terphenyl in Its H-Acid-Base Adduct with Ag ₃ Pz ₃ . <i>Inorganic Chemistry</i> , 2019, 58, 12516-12520.	4.0	15
25	Coordination disk-type nano-Saturn complexes. <i>Chemical Communications</i> , 2020, 56, 3325-3328.	4.1	14
26	A luminescent edge-interlocked prismatic heteroleptic metallocage assembled through a ligand replacement reaction. <i>Chemical Communications</i> , 2019, 55, 11992-11995.	4.1	11
27	Phosphorescent Metal Rotaxane-like Bimetallic Ag/Au Clusters. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9400-9410.	3.1	11
28	In situ selective N-alkylation of pendant pyridyl functionality in mixed-valence copper complexes with methanol and copper(ii) bromide. <i>Dalton Transactions</i> , 2012, 41, 4255.	3.3	10
29	Coordination-driven self-assembly of M ₁₀ L ₈ metal-organic bi-capped square antiprisms with adaptable cavities. <i>Dalton Transactions</i> , 2019, 48, 17713-17717.	3.3	10
30	A zeolite-like MOF based on a heterotritopic linker of imidazolyl, carboxyl and pyridine with a long-sought uks net on Schwarz's <i>D</i> -surface. <i>Chemical Communications</i> , 2018, 54, 8769-8772.	4.1	9
31	Trigonal Prismatic Cu ₆ L ₃ Coordination Cage: Encapsulation of Aromatic Molecules and Tuned Photoluminescence. <i>Israel Journal of Chemistry</i> , 2019, 59, 317-322.	2.3	9
32	Enabling photocatalytic activity of [Ru(2,2',6,6'-terpyridine) ₂] ²⁺ integrated into a metal-organic framework. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2777-2782.	5.9	9
33	Strong visible light-absorbing BODIPY-based Cu(<i>scp</i>) cyclic trinuclear sensitizer for photocatalysis. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2928-2937.	6.0	7
34	Visible-light excited luminescent trigonal prismatic metallocages from a template-directed assembly. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3222-3229.	6.0	4
35	Luminescent polymorphic aggregates of trinuclear Cu(i)-pyrazolate tuned by intertrimeric Cu-NPy weak coordination bonds. <i>Dalton Transactions</i> , 2021, 50, 1733-1739.	3.3	4
36	Approaching White-Light Emission from a Phosphorescent Trinuclear Gold(I) Cluster by Modulating Its Aggregation Behavior (<i>Angew. Chem.</i> 50/2013). <i>Angewandte Chemie</i> , 2013, 125, 13720-13720.	2.0	0