

Bo Huang

List of Publications by Year in descending order

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29
papers

424
citations

840776

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docs citations

30
times ranked

378
citing authors

#	ARTICLE	IF	CITATIONS
1	Iridium-based electrocatalysts toward sustainable energy conversion. <i>EcoMat</i> , 2022, 4, .	11.9	16
2	Polyoxovanadate-derived Ir/VC/C nanocomposite for electrocatalytic hydrogen production. <i>Inorganic Chemistry Communication</i> , 2022, 143, 109742.	3.9	4
3	Polyoxometalate-derived Ir/WO _x /rGO Nanocomposites for Enhanced Electrocatalytic Water Splitting. <i>Energy and Environmental Materials</i> , 2021, 4, 681-686.	12.8	17
4	Ir-based electrocatalysts promoted by TME-substituted polyoxovanadate-derived vanadium carbide for efficient hydrogen evolution and oxygen evolution. <i>Chemical Communications</i> , 2021, 57, 10395-10398.	4.1	2
5	Application of polyoxometalates in photocatalytic degradation of organic pollutants. <i>Nanoscale Advances</i> , 2021, 3, 4646-4658.	4.6	67
6	Anderson-type polyoxometalates: from structures to functions. <i>Nanoscale</i> , 2021, 13, 7119-7133.	5.6	35
7	Structural and Magnetical Studies of Mixed-Valence Hexavanadate Hybrids: How Organic Ligands Affect the Magnetism of Polyoxometalates?. <i>Inorganic Chemistry</i> , 2021, 60, 4347-4351.	4.0	15
8	A New Family of Polyoxometalates: Tris-functionalized Lindqvist-Type Hexatungstovanadates. <i>Inorganic Chemistry</i> , 2021, 60, 545-549.	4.0	10
9	A New Scheme to Prepare Polyoxovanadate-Polymer Hybrid Materials. <i>Journal of Cluster Science</i> , 2020, , 1.	3.3	1
10	Diaryl-3-iodane Woven Supramolecular Architecture of Polyoxometalate. <i>ChemistrySelect</i> , 2020, 5, 7056-7059.	1.5	1
11	The crystal packing, morphology and hydrophobicity of polyoxometalate-based amphiphilic materials. <i>CrystEngComm</i> , 2020, 22, 2434-2438.	2.6	6
12	Application of polyoxometalate derivatives in rechargeable batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4593-4628.	10.3	94
13	Covalent hybrid materials between polyoxometalates and organic molecules for enhanced electrochemical properties. <i>Journal of Materials Science</i> , 2020, 55, 5554-5570.	3.7	9
14	Facile fabrication of Ir/CNT/rGO nanocomposites with enhanced electrocatalytic performance for the hydrogen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2020, 4, 3288-3292.	4.9	16
15	A new scheme for rational design and synthesis of polyoxovanadate hybrids with high antitumor activities. <i>Journal of Inorganic Biochemistry</i> , 2019, 193, 130-132.	3.5	18
16	Destroy the inherent symmetry of vanadium-based inorganic cluster through chiral organic ligand: Synthesis and characterization of a polyoxovanadate-derived amino acid ester hybrid. <i>Journal of Molecular Structure</i> , 2019, 1195, 10-16.	3.6	6
17	Synthesis of a Chiral Polyoxovanadate Derivative by Covalently Modification with a Chiral Amino Acid Ester. <i>Journal of Cluster Science</i> , 2019, 30, 837-841.	3.3	2
18	The crystal structure of bis tetrabutylammonium bis(1/4 ₃ -2,2-tri(hydroxymethyl)ethyl-4-((3-methoxy-3-oxopropyl)amino)-4-oxobutanoato)-(1/4 ₆ -oxido)-hexakis(C ₅₈ H ₁₁₂ N ₄ O ₂₉ V ₆). <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2019, 234, 535-537.	0.3	0

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19	Polyoxovanadate-Based Inorganic-Organic Derivatives Synthesized by the Activation of NHS Intermediate at Room Temperature. <i>ChemistrySelect</i> , 2019, 4, 1742-1744.	1.5	4
20	Spectroscopic Studies of a Novel Inorganic-Organic Hybrid Based on Polyoxovanadates Under a Wide Range of Wavelengths. <i>Journal of Cluster Science</i> , 2019, 30, 5-10.	3.3	2
21	Stepwise syntheses and supramolecular assemblies of a series of polyoxovanadate hybrids with various architectures. <i>New Journal of Chemistry</i> , 2018, 42, 5853-5858.	2.8	12
22	Supramolecular Architectures of Polyoxometalate Hybrids Originating from Halogen and Hydrogen Bonding Interactions. <i>ChemistrySelect</i> , 2018, 3, 11008-11011.	1.5	7
23	Syntheses and post-functionalization of tri-substituted polyalkoxohexavanadates containing tris(alkoxo) ligands. <i>Dalton Transactions</i> , 2017, 46, 8505-8513. Crystal structure of bis(3-(3-ethylureido)-N,N-dimethylpropan-1-aminium) bis(1/4) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.3	26
24	(1/1), C ₂₇ H ₆₀ Cl ₂ N ₆ O ₂₃ V ₆ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2017, 232, 849-850.	0.3	1
25	Synthesis and characterization of a novel inorganic-organic hybrid material based on polyoxometalates and dicyclohexylcarbodiimide. <i>Journal of Molecular Structure</i> , 2017, 1149, 42-47.	3.6	10
26	A novel 3D network constructed from tetra-substituted trisalkoxy-hexavanadate clusters: Na ₂ [V ₆ O ₇ {(OCH ₂) ₃ CNH ₂ }] ₄ . <i>Inorganic Chemistry Communication</i> , 2017, 84, 96-98.	3.9	7
27	Synthesis, crystal structure and spectroscopic studies of a series of hexavanadate hybrids with multiple functional groups. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 165-170.	6.0	30
28	Crystal Structures of Three New Hexavanadate Hybrids with Aromatic Carboxylate Ligands. <i>Journal of Chemical Crystallography</i> , 2017, 47, 95-100.	1.1	6
29	Derived from Diaryl-3-Iodane-Containing Polyoxometalate: Iodine-Doped Molybdenum Carbide for Efficient Electrocatalytic Hydrogen Evolution. <i>Journal of Cluster Science</i> , 0, , 1.	3.3	0