

Hui-Yuan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A High-Capacity Negative Electrode for Asymmetric Supercapacitors Based on a PMo ₁₂ Coordination Polymer with Novel Water-Assisted Proton Channels. <i>Small</i> , 2020, 16, e2001626.	10.0	124
2	Polyoxometalate-Incorporated Metallacalixarene@Graphene Composite Electrodes for High-Performance Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 20845-20853.	8.0	89
3	Metal-Organic Framework Template-Directed Fabrication of Well-Aligned Pentagon-like Hollow Transition-Metal Sulfides as the Anode and Cathode for High-Performance Asymmetric Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42621-42629.	8.0	83
4	Hierarchical Structured Ni ₃ S ₂ @rGO@NiAl-LDHs Nanoarrays: A Competitive Electrode Material for Advanced Asymmetrical Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 2803-2810.	6.7	75
5	Two Novel Polyoxometalate-Encapsulated Metal-Organic Nanotube Frameworks as Stable and Highly Efficient Electrocatalysts for Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31498-31504.	8.0	73
6	Highly dispersive bimetallic sulfides afforded by crystalline polyoxometalate-based coordination polymer precursors for efficient hydrogen evolution reaction. <i>Journal of Power Sources</i> , 2020, 446, 227319.	7.8	64
7	A coordination polymer based on dinuclear (pyrazinyl tetrazolate) copper(II) cations and Wells-Dawson anions for high-performance supercapacitor electrodes. <i>Dalton Transactions</i> , 2017, 46, 13897-13902.	3.3	55
8	Mo-Based crystal POMOFs with a high electrochemical capacitor performance. <i>Dalton Transactions</i> , 2019, 48, 13026-13033.	3.3	50
9	Fe Foam-Supported FeS ₂ -MoS ₂ Electrocatalyst for N ₂ Reduction under Ambient Conditions. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 55040-55050.	8.0	48
10	Facile Dual-Ligand Modulation Tactic toward Nickel-Cobalt Sulfides/Phosphides/Selenides as Supercapacitor Electrodes with Long-Term Durability and Electrochemical Activity. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41580-41587.	8.0	45
11	Polyoxometalate Metal-Organic Frameworks: Keggin Clusters Encapsulated into Silver-Triazole Nanocages and Open Frameworks with Supercapacitor Performance. <i>Inorganic Chemistry</i> , 2019, 58, 16028-16039.	4.0	42
12	Enhancing Energy Storage via TEA-Dependent Controlled Syntheses: Two Series of Polyoxometalate-Based Inorganic-Organic Hybrids and their Supercapacitor Properties. <i>ChemElectroChem</i> , 2018, 5, 3443-3450.	3.4	37
13	High-Performance Supercapacitor Afforded by a High-Connected Keggin-Based 3D Coordination Polymer. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5350-5355.	2.0	33
14	Multi-Interface-Modulated CoS ₂ @MoS ₂ Nanoarrays Derived by Pre-designed Germanomolybdate Polymer Showing Ultrahighly Electrocatalytic Activity for Hydrogen Evolution Reaction in Wide pH Range. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000780.	3.7	25
15	Nickel/Cobalt Molybdate Hollow Rods Induced by Structure and Defect Engineering as Exceptional Electrode Materials for Hybrid Supercapacitor. <i>Chemistry - A European Journal</i> , 2021, 27, 8337-8343.	3.3	20
16	Preparation and Application of Keggin Polyoxometalate-Based 3D Coordination polymer Materials as Supercapacitors and Amperometric Sensors. <i>ChemNanoMat</i> , 2021, 7, 299-306.	2.8	19
17	Fabrication of double-shell hollow NiO@N-C nanotubes for a high-performance supercapacitor. <i>New Journal of Chemistry</i> , 2019, 43, 13457-13462.	2.8	17
18	Electrochemical sensor for rutin detection based on N-doped mesoporous carbon nanospheres and graphene. <i>New Journal of Chemistry</i> , 2021, 45, 4986-4993.	2.8	17

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19	Construction of an ultra-sensitive electrochemical sensor based on polyoxometalates decorated with CNTs and AuCo nanoparticles for the voltammetric simultaneous determination of dopamine and uric acid. <i>Mikrochimica Acta</i> , 2020, 187, 483.	5.0	15
20	Enzymeless electrochemical determination of hydrogen peroxide at a heteropolyanion-based composite film electrode. <i>New Journal of Chemistry</i> , 2019, 43, 1053-1062.	2.8	14
21	Prussian blue nanocubes with an open framework structure coated with polyoxometalates as a highly sensitive platform for ascorbic acid detection in drinks/human urine. <i>New Journal of Chemistry</i> , 2019, 43, 9420-9429.	2.8	13
22	A polyoxometalate based electrochemical sensor for efficient detection of L-cysteine. <i>Tungsten</i> , 2022, 4, 138-148.	4.8	12
23	A Facile Strategy to Create Electrocatalysts of Highly Dispersive Ni-Mo Sulfide Nanosheets on Graphene by Derivation of Polyoxometalate Coordination Polymer for Advanced H ₂ Evolution. <i>ACS Applied Energy Materials</i> , 2021, 4, 13191-13198.	5.1	8