

Hui-Qiong Wu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

823
citations

759055

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677027

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docs citations

24
times ranked

1179
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential metal-related strategies for prevention and treatment of COVID-19. <i>Rare Metals</i> , 2022, 41, 1-13.	3.6	5
2	Properties of Cell-Compatible Poly(vinyl alcohol) Hydrogels Cross-Linked with Hydrophobic Luteolin. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3019-3027.	2.0	11
3	Wearable Biofuel Cells: Advances from Fabrication to Application. <i>Advanced Functional Materials</i> , 2021, 31, 2103976.	7.8	38
4	Dual Cross-Linked Ion-Based Temperature-Responsive Conductive Hydrogels with Multiple Sensors and Steady Electrocardiogram Monitoring. <i>Chemistry of Materials</i> , 2020, 32, 7670-7678.	3.2	54
5	Biomass Waste-Derived 3D Metal-Free Porous Carbon as a Bifunctional Electrocatalyst for Rechargeable Zinc-Air Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17039-17046.	3.2	74
6	Multiple-responsive organogels with self-colorimetric chemo sensing responsiveness towards Hg ²⁺ ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 124003.	2.3	14
7	Metallogels: Availability, Applicability, and Advanceability. <i>Advanced Materials</i> , 2019, 31, e1806204.	11.1	112
8	Giant Phospholipid Folds on Air-Water Surface: Structure Details, Formation Pathway, and Possible Recycle Mechanism. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4935-4942.	1.2	0
9	Confining ultrasmall bimetallic alloys in porous carbon for use as scalable and sustainable electrocatalysts for rechargeable Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 12451-12456.	5.2	128
10	Real time rheological study of first network effects on the in situ polymerized semi-interpenetrating hydrogels. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 575, 111-117.	2.3	2
11	Directed self-assembly of herbal small molecules into sustained release hydrogels for treating neural inflammation. <i>Nature Communications</i> , 2019, 10, 1604.	5.8	188
12	Supramolecular bimetallogels: a nanofiber network for bimetal/nitrogen co-doped carbon electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2018, 6, 8227-8232.	5.2	24
13	Iron Single Clusters Anchored on N-Doped Porous Carbon as Superior Trace-Metal Catalysts toward Oxygen Reduction. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701345.	1.9	19
14	In situ hybridization of CoO _x nanoparticles on N-doped graphene through one step mineralization of co-responsive hydrogels. <i>Dalton Transactions</i> , 2017, 46, 6163-6167.	1.6	11
15	In Situ Fabrication of Defective CoN _x Single Clusters on Reduced Graphene Oxide Sheets with Excellent Electrocatalytic Activity for Oxygen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22490-22501.	4.0	44
16	Encapsulation of nanocrystals with responsive gels for spatial optical identification. <i>Supramolecular Chemistry</i> , 2017, 29, 627-632.	1.5	4
17	Supramolecular xerogel linked with cobalt(II) ions: A facile method toward O ₂ storage and catalyzation of cyclohexene oxidation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 514-518.	2.3	4
18	Cation Tuning toward the Inference of the Gelation Behavior of Supramolecular Gels. <i>Scientific Reports</i> , 2016, 6, 25390.	1.6	13

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19	Shape-Controlled Synthesis of Organometallic Microcrystal-Based Hollow Hexagonal Micromotors through Evaporation-Induced Supramolecular Self-Assembly. <i>Crystal Growth and Design</i> , 2016, 16, 6239-6249.	1.4	6
20	Pb ²⁺ -specific metallohydrogel based on tryptophan-derivatives: preparation, characterization, multi-stimuli responsiveness and potential applications in wastewater and soil treatment. <i>RSC Advances</i> , 2016, 6, 81341-81345.	1.7	12
21	Designing isometrical gel precursors to identify the gelation pathway for nickel-selective metallohydrogels. <i>Dalton Transactions</i> , 2016, 45, 18438-18442.	1.6	20
22	A Co ²⁺ -selective and chirality-sensitive supermolecular metallohydrogel with a nanofiber network skeleton. <i>Nanoscale</i> , 2016, 8, 6479-6483.	2.8	34