Shujin Hou

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Avoiding Pyrolysis and Calcination: Advances in the Benign Routes Leading to MOFâ€Derived Electrocatalysts. ChemElectroChem, 2022, 9, .	1.7	12
2	Dual In Situ Laser Techniques Underpin the Role of Cations in Impacting Electrocatalysts. Angewandte Chemie - International Edition, 2022, 61, .	7.2	16
3	Cover Feature: Avoiding Pyrolysis and Calcination: Advances in the Benign Routes Leading to MOFâ€Derived Electrocatalysts (ChemElectroChem 7/2022). ChemElectroChem, 2022, 9, .	1.7	0
4	Dual In Situ Laser Techniques Underpin the Role of Cations in Impacting Electrocatalysts. Angewandte Chemie, 2022, 134, .	1.6	7
5	Elucidation of Structureâ€"Activity Relations in Proton Electroreduction at Pd Surfaces: Theoretical and Experimental Study. Small, 2022, 18, .	5.2	7
6	Porphyrinic MOF Film for Multifaceted Electrochemical Sensing. Angewandte Chemie - International Edition, 2021, 60, 20551-20557.	7.2	105
7	Metamorphosis of Heterostructured Surfaceâ€Mounted Metalâ€"Organic Frameworks Yielding Record Oxygen Evolution Mass Activities. Advanced Materials, 2021, 33, e2103218.	11.1	43
8	A Review on Experimental Identification of Active Sites in Model Bifunctional Electrocatalytic Systems for Oxygen Reduction and Evolution Reactions. ChemElectroChem, 2021, 8, 3433-3456.	1.7	13
9	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surfaceâ€Mounted Metalâ€"Organic Frameworks. Angewandte Chemie, 2020, 132, 5886-5892.	1.6	16
10	Advanced Bifunctional Oxygen Reduction and Evolution Electrocatalyst Derived from Surfaceâ€Mounted Metalâ€"Organic Frameworks. Angewandte Chemie - International Edition, 2020, 59, 5837-5843.	7.2	99
11	Carbon wrapped CoP hollow spheres for high performance hybrid supercapacitor. Journal of Alloys and Compounds, 2020, 822, 153578.	2.8	45
12	AktivitÃtssteigerung der Wasserstoffentwicklung von Platinelektroden in alkalischen Medien unter Verwendung von Niâ€Feâ€Clustern. Angewandte Chemie, 2020, 132, 11026-11031.	1.6	8
13	Titania Thin Films: Key Factors for Templateâ€Oriented Porous Titania Synthesis: Solvents and Catalysts (Small Methods 3/2020). Small Methods, 2020, 4, 2070012.	4.6	0
14	Enhancing the Hydrogen Evolution Reaction Activity of Platinum Electrodes in Alkaline Media Using Nickelâ€"Iron Clusters. Angewandte Chemie - International Edition, 2020, 59, 10934-10938.	7.2	70
15	Key Factors for Templateâ€Oriented Porous Titania Synthesis: Solvents and Catalysts. Small Methods, 2020, 4, 1900689.	4.6	14
16	Recent Approaches to Design Electrocatalysts Based on Metalâ€"Organic Frameworks and Their Derivatives. Chemistry - an Asian Journal, 2019, 14, 3474-3501.	1.7	34
17	Micro-/mesoporous carbon nanofibers embedded with ordered carbon for flexible supercapacitors. Electrochimica Acta, 2018, 271, 591-598.	2.6	70
18	Synergistic conversion and removal of total Cr from aqueous solution by photocatalysis and capacitive deionization. Chemical Engineering Journal, 2018, 337, 398-404.	6.6	79

#	Article	IF	Citations
19	Design of pomegranate-like clusters with NiS₂ nanoparticles anchored on nitrogen-doped porous carbon for improved sodium ion storage performance. Journal of Materials Chemistry A, 2018, 6, 6595-6605.	5.2	159
20	Improved sodium-ion storage performance of Ti₃C₂T_xMXenes by sulfur doping. Journal of Materials Chemistry A, 2018, 6, 1234-1243.	5.2	158
21	NiO/CNTs derived from metal-organic frameworks as superior anode material for lithium-ion batteries. Journal of Solid State Electrochemistry, 2018, 22, 785-795.	1.2	43
22	Metal-organic frameworks derived yolk-shell ZnO/NiO microspheres as high-performance anode materials for lithium-ion batteries. Chemical Engineering Journal, 2018, 335, 579-589.	6.6	191
23	Facile dual doping strategy <i>via</i> carbonization of covalent organic frameworks to prepare hierarchically porous carbon spheres for membrane capacitive deionization. Chemical Communications, 2018, 54, 14009-14012.	2.2	74
24	TiO₂ nanocrystals embedded in sulfur-doped porous carbon as high-performance and long-lasting anode materials for sodium-ion batteries. Journal of Materials Chemistry A, 2018, 6, 24224-24231.	5.2	25
25	Synthesis of bimetallic NixCo1-xP hollow nanocages from metal-organic frameworks for high performance hybrid supercapacitors. Electrochimica Acta, 2018, 285, 192-201.	2.6	67
26	Metal-organic frameworks converted flower-like hybrid with Co3O4 nanoparticles decorated on nitrogen-doped carbon sheets for boosted lithium storage performance. Chemical Engineering Journal, 2018, 354, 172-181.	6.6	68
27	Nitrogen-doped carbon spheres: A new high-energy-density and long-life pseudo-capacitive electrode material for electrochemical flow capacitor. Journal of Colloid and Interface Science, 2017, 491, 161-166.	5.0	20
28	In situ growth of Sb2S3 on multiwalled carbon nanotubes as high-performance anode materials for sodium-ion batteries. Electrochimica Acta, 2017, 228, 436-446.	2.6	99
29	Three-Dimensional Networked Metalâ€“Organic Frameworks with Conductive Polypyrrole Tubes for Flexible Supercapacitors. ACS Applied Materials & Interfaces, 2017, 9, 38737-38744.	4.0	364
30	High performance capacitive deionization electrodes based on ultrathin nitrogen-doped carbon/graphene nano-sandwiches. Chemical Communications, 2017, 53, 10784-10787.	2.2	105
31	ZnS nanoparticles decorated on nitrogen-doped porous carbon polyhedra: a promising anode material for lithium-ion and sodium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 20428-20438.	5.2	192
32	Carbon-incorporated Janus-type Ni₂P/Ni hollow spheres for high performance hybrid supercapacitors. Journal of Materials Chemistry A, 2017, 5, 19054-19061.	5.2	183
33	Capacitive neutralization deionization with flow electrodes. Electrochimica Acta, 2016, 216, 211-218.	2.6	34
34	Prospects of Using the Laserâ€Induced Temperature Jump Techniques for Characterisation of Electrochemical Systems. ChemElectroChem, 0, , .	1.7	1