

Shu-Meng Hao

List of Publications by Year in descending order

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21
papers

925
citations

567144

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713332

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docs citations

21
times ranked

952
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Silicon-Based Electrodes: From Fundamental Research toward Practical Applications. <i>Advanced Materials</i> , 2021, 33, e2004577.	11.1	168
2	Robust wrinkled MoS ₂ /N-C bifunctional electrocatalysts interfaced with single Fe atoms for wearable zinc-air batteries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	122
3	Hollow Manganese Silicate Nanotubes with Tunable Secondary Nanostructures as Excellent Fenton-Type Catalysts for Dye Decomposition at Ambient Temperature. <i>Advanced Functional Materials</i> , 2016, 26, 7334-7342.	7.8	116
4	Carbon nanotube@layered nickel silicate coaxial nanocables as excellent anode materials for lithium and sodium storage. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16551-16559.	5.2	62
5	Hierarchical mesoporous cobalt silicate architectures as high-performance sulfate-radical-based advanced oxidization catalysts. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 128-137.	5.0	57
6	Polymers in Lithium-Sulfur Batteries. <i>Advanced Science</i> , 2022, 9, e2103798.	5.6	56
7	High Lithium Storage Capacity and Long Cycling Life Fe ₃ S ₄ Anodes with Reversible Solid Electrolyte Interface Films and Sandwiched Reduced Graphene Oxide Shells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41878-41886.	4.0	42
8	Anisotropic CoFe ₂ O ₄ @Graphene Hybrid Aerogels with High Flux and Excellent Stability as Building Blocks for Rapid Catalytic Degradation of Organic Contaminants in a Flow-Type Setup. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34222-34231.	4.0	40
9	Dual-Carbon-Confined Fe ₇ S ₈ Anodes with Enhanced Electrochemical Catalytic Conversion Process for Ultralong Lithium Storage. <i>Chemistry - A European Journal</i> , 2018, 24, 17339-17344.	1.7	39
10	Advancing Performance and Unfolding Mechanism of Lithium and Sodium Storage in SnO ₂ via Precision Synthesis of Monodisperse PEG-Ligated Nanoparticles. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	34
11	Sustainable Internal Electric Field for Enhanced Photocatalysis: From Material Design to Energy Utilization. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7407-7416.	2.1	31
12	Core-shell structured MgO@mesoporous silica spheres for enhanced adsorption of methylene blue and lead ions. <i>RSC Advances</i> , 2015, 5, 20440-20445.	1.7	30
13	Silver Silicate@Carbon Nanotube Nanocomposites for Enhanced Visible Light Photodegradation Performance. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3641-3649.	3.2	28
14	One-pot synthesis of bismuth silicate heterostructures with tunable morphology and excellent visible light photodegradation performances. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 255-262.	5.0	23
15	Sb Nanoparticles Embedded in a Nitrogen-Doped Carbon Matrix with Tuned Voids and Interfacial Bonds for High-Rate Lithium Storage. <i>ChemElectroChem</i> , 2018, 5, 2653-2659.	1.7	15
16	K ₂ Mn ₄ O ₈ /Reduced Graphene Oxide Nanocomposites for Excellent Lithium Storage and Adsorption of Lead Ions. <i>Chemistry - A European Journal</i> , 2016, 22, 3397-3404.	1.7	14
17	Effects of Graphene Quality on Lithium Storage Performances of Fe ₃ O ₄ /Thermally Reduced Graphene Oxide Hybrid Anodes. <i>ChemElectroChem</i> , 2019, 6, 1853-1860.	1.7	14
18	Hierarchically porous graphene/wood-derived carbon activated using ZnCl ₂ and decorated with <i>in situ</i> grown NiCo ₂ O ₄ for high-performance asymmetric supercapacitors. <i>New Journal of Chemistry</i> , 2022, 46, 533-541.	1.4	12

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19	A High-Performance Dual-Ion Battery Enabled by Conversion-Type Manganese Silicate Anodes with Enhanced Ion Accessibility. ChemElectroChem, 2019, 6, 1040-1046.	1.7	10
20	Wood-Derived Monolithic Ultrathick Porous Carbon Electrodes Filled with Reduced Graphene Oxide for High-Performance Supercapacitors with Ultrahigh Areal Capacitances. ChemElectroChem, 2021, 8, 4328-4336.	1.7	9
21	Silicon Anodes: Recent Advances in Silicon-Based Electrodes: From Fundamental Research toward Practical Applications (Adv. Mater. 16/2021). Advanced Materials, 2021, 33, 2170124.	11.1	3