Shu-Meng Hao

List of Publications by Year
in descending order

21	925	567281 15	713466 21
papers	citations	h-index	g-index

21	21	21	952
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymers in Lithiumâ€“Sulfur Batteries. Advanced Science, 2022, 9, e2103798.	11.2	56
2	Hierarchically porous graphene/wood-derived carbon activated using ZnCl₂and decorated within situgrown NiCo₂O₄for highâ€“performance asymmetric supercapacitors. New Journal of Chemistry, 2022, 46, 533-541.	2.8	12
3	Advancing Performance and Unfolding Mechanism of Lithium and Sodium Storage in SnO₂ via Precision Synthesis of Monodisperse PEGâ€Ligated Nanoparticles. Advanced Energy Materials, 2022, 12, .	19.5	34
4	Recent Advances in Siliconâ€Based Electrodes: From Fundamental Research toward Practical Applications. Advanced Materials, 2021, 33, e2004577.	21.0	168
5	Silicon Anodes: Recent Advances in Siliconâ€Based Electrodes: From Fundamental Research toward Practical Applications (Adv. Mater. 16/2021). Advanced Materials, 2021, 33, 2170124.	21.0	3
6	Robust wrinkled MoS ₂ /N-C bifunctional electrocatalysts interfaced with single Fe atoms for wearable zinc-air batteries. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	122
7	Woodâ€Derived Monolithic Ultrathick Porous Carbon Electrodes Filled with Reduced Graphene Oxide for Highâ€Performance Supercapacitors with Ultrahigh Areal Capacitances. ChemElectroChem, 2021, 8, 4328-4336.	3.4	9
8	Sustainable Internal Electric Field for Enhanced Photocatalysis: From Material Design to Energy Utilization. Journal of Physical Chemistry Letters, 2020, 11, 7407-7416.	4.6	31
9	Anisotropic CoFe₂O₄@Graphene Hybrid Aerogels with High Flux and Excellent Stability as Building Blocks for Rapid Catalytic Degradation of Organic Contaminants in a Flow-Type Setup. ACS Applied Materials & Interfaces, 2019, 11, 34222-34231.	8.0	40
10	Hierarchical mesoporous cobalt silicate architectures as high-performance sulfate-radical-based advanced oxidization catalysts. Journal of Colloid and Interface Science, 2019, 545, 128-137.	9.4	57
11	Effects of Graphene Quality on Lithium Storage Performances of Fe₃O₄/Thermally Reduced Graphene Oxide Hybrid Anodes. ChemElectroChem, 2019, 6, 1853-1860.	3.4	14
12	A Highâ€Performance Dualâ€Ion Battery Enabled by Conversionâ€Type Manganese Silicate Anodes with Enhanced Ion Accessibility. ChemElectroChem, 2019, 6, 1040-1046.	3.4	10
13	Dualâ€Carbonâ€Confined Fe₇S₈ Anodes with Enhanced Electrochemical Catalytic Conversion Process for Ultralong Lithium Storage. Chemistry - A European Journal, 2018, 24, 17339-17344.	3.3	39
14	Sb Nanoparticles Embedded in a Nitrogenâ€Doped Carbon Matrix with Tuned Voids and Interfacial Bonds for Highâ€Rate Lithium Storage. ChemElectroChem, 2018, 5, 2653-2659.	3.4	15
15	Silver Silicate@Carbon Nanotube Nanocomposites for Enhanced Visible Light Photodegradation Performance. ACS Sustainable Chemistry and Engineering, 2017, 5, 3641-3649.	6.7	28
16	One-pot synthesis of bismuth silicate heterostructures with tunable morphology and excellent visible light photodegradation performances. Journal of Colloid and Interface Science, 2017, 506, 255-262.	9.4	23
17	High Lithium Storage Capacity and Long Cycling Life Fe₃S₄ Anodes with Reversible Solid Electrolyte Interface Films and Sandwiched Reduced Graphene Oxide Shells. ACS Applied Materials & Interfaces, 2017, 9, 41878-41886.	8.0	42
18	Hollow Manganese Silicate Nanotubes with Tunable Secondary Nanostructures as Excellent Fentonâ€Type Catalysts for Dye Decomposition at Ambient Temperature. Advanced Functional Materials, 2016, 26, 7334-7342.	14.9	116

#	Article	IF	Citations
19	K₂Mn₄O₈/Reduced Graphene Oxide Nanocomposites for Excellent Lithium Storage and Adsorption of Lead Ions. Chemistry - A European Journal, 2016, 22, 3397-3404.	3.3	14
20	Coreâ€“shell structured MgO@mesoporous silica spheres for enhanced adsorption of methylene blue and lead ions. RSC Advances, 2015, 5, 20440-20445.	3.6	30
21	Carbon nanotube@layered nickel silicate coaxial nanocables as excellent anode materials for lithium and sodium storage. Journal of Materials Chemistry A, 2015, 3, 16551-16559.	10.3	62