Dajun Wu

List of Publications by Year
in descending order

26	754	516710 16	580821 25
papers	citations	h-index	g-index

28	28	28	1176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plasma Engineering of Basal Sulfur Sites on MoS₂@Ni₃S₂ Nanorods for the Alkaline Hydrogen Evolution Reaction. Advanced Science, 2022, 9, e2104774.	11.2	26
2	Electrocatalytically inactive copper improves the water adsorption/dissociation on Ni₃S₂for accelerated alkaline and neutral hydrogen evolution. Nanoscale, 2021, 13, 2456-2464.	5.6	25
3	Ni₃S₂ Nanocomposite Structures Doped with Zn and Co as Long-Lifetime, High-Energy-Density, and Binder-Free Cathodes in Flexible Aqueous Nickel-Zinc Batteries. ACS Applied Materials & Interfaces, 2021, 13, 34292-34300.	8.0	29
4	Rational design of hierarchical FeSe₂ encapsulated with bifunctional carbon cuboids as an advanced anode for sodium-ion batteries. Nanoscale, 2020, 12, 22210-22216.	5.6	26
5	Metal-organic framework-derived Ni2P/nitrogen-doped carbon porous spheres for enhanced lithium storage. Science China Materials, 2020, 63, 1672-1682.	6.3	18
6	Design and synthesis of dendritic Co3O4@Co2(CO3)(OH)2 nanoarrays on carbon cloth for high-performance supercapacitors. Journal of Materials Science, 2020, 55, 12091-12102.	3.7	33
7	Facile synthesis of tin phosphide/reduced graphene oxide composites as anode material for potassium-ion batteries. Ionics, 2019, 25, 4795-4803.	2.4	27
8	Significant Role of Al in Ternary Layered Double Hydroxides for Enhancing Electrochemical Performance of Flexible Asymmetric Supercapacitor. Advanced Functional Materials, 2019, 29, 1903879.	14.9	228
9	Ultrafine Co₃O₄ Nanoparticles within Nitrogenâ€Doped Carbon Matrix Derived from Metalâ€“Organic Complex for Boosting Lithium Storage and Oxygen Evolution Reaction. Small, 2019, 15, e1904260.	10.0	23
10	Encapsulating Carbonâ€Coated MoS₂ Nanosheets within a Nitrogenâ€Doped Graphene Network for Highâ€Performance Potassiumâ€Ion Storage. Advanced Materials Interfaces, 2019, 6, 1901066.	3.7	36
11	Gasified rice husk based RHAC/NiCo2S4 composite for high performance asymmetric supercapacitor. Journal of Alloys and Compounds, 2019, 811, 152073.	5.5	16
12	Potassiumâ€Ion Batteries: Encapsulating Carbonâ€Coated MoS₂ Nanosheets within a Nitrogenâ€Doped Graphene Network for Highâ€Performance Potassiumâ€Ion Storage (Adv. Mater. Interfaces) Tj ET Q q 0 0 0 rg BT /Overl	3.7	2
13	Porous CoP/C@MCNTs hybrid composite derived from metalâ€“organic frameworks for high-performance lithium-ion batteries. Journal of Materials Science, 2019, 54, 3273-3283.	3.7	29
14	Preparation of Supercapacitor Electrode from Gasified Rice Husk Carbon. BioResources, 2018, 13, .	1.0	7
15	Morphology-controlled synthesis and electron field emission properties of ZnSe nanowalls. RSC Advances, 2017, 7, 10631-10637.	3.6	10
16	Three-dimensional tetsubo-like Co(OH)2 nanorods on a macroporous electrically conductive network as an efficient electroactive framework for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2017, 5, 2629-2639.	10.3	34
17	Preparation of SnO₂ Nanoparticles Doped With Palladium and Graphene and Application for Ethanol Detection. IEEE Sensors Journal, 2017, 17, 6240-6245.	4.7	7
18	Highly efficient field emission from ZnO nanorods and nanographene hybrids on a macroporous electric conductive network. Journal of Materials Chemistry C, 2017, 5, 9296-9305.	5.5	13

#	Article	IF	Citations
19	Manganese molybdate nanoflakes on silicon microchannel plates as novel nano energetic material. Royal Society Open Science, 2017, 4, 171229.	2.4	5
20	Nitrogen-doped multilayered nanographene derived from Ni₃C with efficient electron field emission. Journal of Materials Chemistry C, 2016, 4, 9251-9260.	5.5	9
21	Enhanced ethanol sensing performance of tin oxide nanoparticles doped with palladium and graphene. , 2016, , .		0
22	Three-dimensional homo-nanostructured MnO₂/nanographene membranes on a macroporous electrically conductive network for high performance supercapacitors. Journal of Materials Chemistry A, 2016, 4, 11317-11329.	10.3	24
23	Preparation of multi-layer graphene on nickel-coated silicon microchannel plates by a hydrothermal carbonization procedure and its improved field emission properties. Journal of Materials Chemistry C, 2016, 4, 2079-2087.	5.5	23
24	Hybrid MnO₂/C nano-composites on a macroporous electrically conductive network for supercapacitor electrodes. Journal of Materials Chemistry A, 2015, 3, 16695-16707.	10.3	41
25	Hierarchical 3-dimensional CoMoO₄ nanoflakes on a macroporous electrically conductive network with superior electrochemical performance. Journal of Materials Chemistry A, 2015, 3, 13776-13785.	10.3	61
26	Ethanol sensors based on graphene/tin oxide. , 2014, , .		1