

Dajun Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Significant Role of Al in Ternary Layered Double Hydroxides for Enhancing Electrochemical Performance of Flexible Asymmetric Supercapacitor. <i>Advanced Functional Materials</i> , 2019, 29, 1903879.	14.9	228
2	Hierarchical 3-dimensional CoMoO ₄ nanoflakes on a macroporous electrically conductive network with superior electrochemical performance. <i>Journal of Materials Chemistry A</i> , 2015, 3, 13776-13785.	10.3	61
3	Hybrid MnO ₂ /C nano-composites on a macroporous electrically conductive network for supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 16695-16707.	10.3	41
4	Encapsulating Carbon-Coated MoS ₂ Nanosheets within a Nitrogen-Doped Graphene Network for High-Performance Potassium-Ion Storage. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901066.	3.7	36
5	Three-dimensional tetra-subo-like Co(OH) ₂ nanorods on a macroporous electrically conductive network as an efficient electroactive framework for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2629-2639.	10.3	34
6	Design and synthesis of dendritic Co ₃ O ₄ @Co ₂ (CO ₃)(OH) ₂ nanoarrays on carbon cloth for high-performance supercapacitors. <i>Journal of Materials Science</i> , 2020, 55, 12091-12102.	3.7	33
7	Porous CoP/C@MCNTs hybrid composite derived from metal-organic frameworks for high-performance lithium-ion batteries. <i>Journal of Materials Science</i> , 2019, 54, 3273-3283.	3.7	29
8	Ni ₃ S ₂ Nanocomposite Structures Doped with Zn and Co as Long-Lifetime, High-Energy-Density, and Binder-Free Cathodes in Flexible Aqueous Nickel-Zinc Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 34292-34300.	8.0	29
9	Facile synthesis of tin phosphide/reduced graphene oxide composites as anode material for potassium-ion batteries. <i>Ionics</i> , 2019, 25, 4795-4803.	2.4	27
10	Rational design of hierarchical FeSe ₂ encapsulated with bifunctional carbon cuboids as an advanced anode for sodium-ion batteries. <i>Nanoscale</i> , 2020, 12, 22210-22216.	5.6	26
11	Plasma Engineering of Basal Sulfur Sites on MoS ₂ @Ni ₃ S ₂ Nanorods for the Alkaline Hydrogen Evolution Reaction. <i>Advanced Science</i> , 2022, 9, e2104774.	11.2	26
12	Electrocatalytically inactive copper improves the water adsorption/dissociation on Ni ₃ S ₂ for accelerated alkaline and neutral hydrogen evolution. <i>Nanoscale</i> , 2021, 13, 2456-2464.	5.6	25
13	Three-dimensional homo-nanostructured MnO ₂ /nanographene membranes on a macroporous electrically conductive network for high performance supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11317-11329.	10.3	24
14	Preparation of multi-layer graphene on nickel-coated silicon microchannel plates by a hydrothermal carbonization procedure and its improved field emission properties. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2079-2087.	5.5	23
15	Ultrafine Co ₃ O ₄ Nanoparticles within Nitrogen-Doped Carbon Matrix Derived from Metal-Organic Complex for Boosting Lithium Storage and Oxygen Evolution Reaction. <i>Small</i> , 2019, 15, e1904260.	10.0	23
16	Metal-organic framework-derived Ni ₂ P/nitrogen-doped carbon porous spheres for enhanced lithium storage. <i>Science China Materials</i> , 2020, 63, 1672-1682.	6.3	18
17	Gasified rice husk based RHAC/NiCo ₂ S ₄ composite for high performance asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2019, 811, 152073.	5.5	16
18	Highly efficient field emission from ZnO nanorods and nanographene hybrids on a macroporous electric conductive network. <i>Journal of Materials Chemistry C</i> , 2017, 5, 9296-9305.	5.5	13

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19	Morphology-controlled synthesis and electron field emission properties of ZnSe nanowalls. RSC Advances, 2017, 7, 10631-10637.	3.6	10
20	Nitrogen-doped multilayered nanographene derived from Ni ₃ C with efficient electron field emission. Journal of Materials Chemistry C, 2016, 4, 9251-9260.	5.5	9
21	Preparation of SnO ₂ Nanoparticles Doped With Palladium and Graphene and Application for Ethanol Detection. IEEE Sensors Journal, 2017, 17, 6240-6245.	4.7	7
22	Preparation of Supercapacitor Electrode from Gasified Rice Husk Carbon. BioResources, 2018, 13, .	1.0	7
23	Manganese molybdate nanoflakes on silicon microchannel plates as novel nano energetic material. Royal Society Open Science, 2017, 4, 171229.	2.4	5
24	Ethanol sensors based on graphene/tin oxide. , 2014, , .		1
25	Enhanced ethanol sensing performance of tin oxide nanoparticles doped with palladium and graphene. , 2016, , .		0
26	Potassium-Ion Batteries: Encapsulating Carbon-Coated MoS ₂ Nanosheets within a Nitrogen-Doped Graphene Network for High-Performance Potassium-Ion Storage (Adv. Mater. Interfaces) Tj E3Q0 0 0 r gBT /Overl		