

Xuewan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

3,260
citations

516710

16
h-index

752698

20
g-index

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all docs

20
docs citations

20
times ranked

6307
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Nitrate Production <i>via</i> Nitrogen Oxidation with Atomically Dispersed Fe on N-Doped Carbon Nanosheets. ACS Nano, 2022, 16, 655-663.	14.6	44
2	Folic acid self-assembly synthesis of ultrathin N-doped carbon nanosheets with single-atom metal catalysts. Energy Storage Materials, 2021, 36, 409-416.	18.0	39
3	Folic Acid Self-Assembly Enabling Manganese Single-Atom Electrocatalyst for Selective Nitrogen Reduction to Ammonia. Nano-Micro Letters, 2021, 13, 125.	27.0	39
4	Core-Shell Structured Cu(OH) ₂ @NiFe(OH) _x Nanotube Electrocatalysts for Methanol Oxidation Based Hydrogen Evolution. ACS Applied Nano Materials, 2021, 4, 8723-8732.	5.0	14
5	Bifunctional Pt-Co ₃ O ₄ electrocatalysts for simultaneous generation of hydrogen and formate <i>via</i> energy-saving alkaline seawater/methanol co-electrolysis. Journal of Materials Chemistry A, 2021, 9, 6316-6324.	10.3	65
6	Amorphous cobalt hydroxysulfide nanosheets with regulated electronic structure for high-performance electrochemical energy storage. Science China Materials, 2020, 63, 2303-2313.	6.3	13
7	Novel folic acid complex derived nitrogen and nickel co-doped carbon nanotubes with embedded Ni nanoparticles as efficient electrocatalysts for CO ₂ reduction. Journal of Materials Chemistry A, 2020, 8, 5105-5114.	10.3	18
8	Molecular-Level Design of Hierarchically Porous Carbons Codoped with Nitrogen and Phosphorus Capable of In Situ Self-Activation for Sustainable Energy Systems. Small, 2017, 13, 1602010.	10.0	47
9	Fabrication of 3D graphene/CdTe quantum dots composite through electrophoretic deposition and its electrical properties. Journal of Materials Science: Materials in Electronics, 2017, 28, 15333-15337.	2.2	11
10	Nanowires assembled from MnCo ₂ O ₄ @C nanoparticles for water splitting and all-solid-state supercapacitor. Nano Research, 2016, 9, 1300-1309.	10.4	87
11	Ultrasensitive Profiling of Metabolites Using Tyramine-Functionalized Graphene Quantum Dots. ACS Nano, 2016, 10, 3622-3629.	14.6	145
12	A 3D graphene-supported MoS ₂ nanosphere and nanosheet heterostructure as a highly efficient free-standing hydrogen evolution electrode. RSC Advances, 2016, 6, 31359-31362.	3.6	7
13	Quantum dots derived from two-dimensional materials and their applications for catalysis and energy. Chemical Society Reviews, 2016, 45, 2239-2262.	38.1	391
14	Microfiber devices based on carbon materials. Materials Today, 2015, 18, 215-226.	14.2	57
15	Graphene-bacteria composite for oxygen reduction and lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 12873-12879.	10.3	30
16	Facile Synthesis of Graphene Quantum Dots from 3D Graphene and their Application for Fe ³⁺ Sensing. Advanced Functional Materials, 2014, 24, 3021-3026.	14.9	446
17	Heteroatom-doped graphene materials: syntheses, properties and applications. Chemical Society Reviews, 2014, 43, 7067-7098.	38.1	1,547
18	Nanoporous tin oxide photoelectrode prepared by electrochemical anodization in aqueous ammonia to improve performance of dye sensitized solar cell. Journal of Renewable and Sustainable Energy, 2013, 5, 023120.	2.0	21

#	ARTICLE	IF	CITATIONS
19	A graphene-cobalt oxide based needle electrode for non-enzymatic glucose detection in micro-droplets. <i>Chemical Communications</i> , 2012, 48, 6490.	4.1	155