

Youxing Fang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,593
citations

471509

17
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

4040
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep eutectic solvent assisted facile synthesis of low-dimensional hierarchical porous high-entropy oxides. <i>Nano Research</i> , 2022, 15, 2756-2763.	10.4	22
2	Interfacial Electron Regulation of Rh Atomic Layer-Decorated SnO ₂ Heterostructures for Enhancing Electrocatalytic Nitrogen Reduction. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12304-12313.	8.0	8
3	Kinetically restrained oxygen reduction to hydrogen peroxide with nearly 100% selectivity. <i>Nature Communications</i> , 2022, 13, .	12.8	38
4	Double-Base Plate Cooperative Assembly Strategy for the Construction of Ordered Macro-/Mesoporous Noble-Metal Materials for Enhanced Electrochemical Oxidation of Formic Acid. <i>ACS Applied Energy Materials</i> , 2022, 5, 7168-7175.	5.1	0
5	Achieving ultrahigh electrocatalytic NH ₃ yield rate on Fe-doped Bi ₂ WO ₆ electrocatalyst. <i>Nano Research</i> , 2021, 14, 2711-2716.	10.4	34
6	Deep eutectic solvent assisted zero-waste electrospinning of lignin fiber aerogels. <i>Green Chemistry</i> , 2021, 23, 6065-6075.	9.0	14
7	Glucose-oxidase like catalytic mechanism of noble metal nanozymes. <i>Nature Communications</i> , 2021, 12, 3375.	12.8	163
8	Study on simplified strategies for procedure of rapid detection of water toxicity. <i>Talanta</i> , 2021, 235, 122787.	5.5	5
9	A respiration substrate-less isolation method for acute toxicity assessment. <i>Chemosphere</i> , 2020, 244, 125511.	8.2	7
10	Synthesis of low dimensional hierarchical transition metal oxides <i>via</i> a direct deep eutectic solvent calcining method for enhanced oxygen evolution catalysis. <i>Nanoscale</i> , 2020, 12, 20719-20725.	5.6	17
11	Oxidase-like MOF-818 Nanozyme with High Specificity for Catalysis of Catechol Oxidation. <i>Journal of the American Chemical Society</i> , 2020, 142, 15569-15574.	13.7	263
12	Fabrication of a Novel, Cost-Effective Double-Sided Indium Tin Oxide-Based Nanoribbon Electrode and Its Application of Acute Toxicity Detection in Water. <i>ACS Sensors</i> , 2020, 5, 3923-3929.	7.8	4
13	Deep Eutectic Solvent with Prussian Blue and Tungsten Oxide for Green and Low-Cost Electrochromic Devices. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1038-1045.	4.3	24
14	Bio-inspired nanozyme: a hydratase mimic in a zeolitic imidazolate framework. <i>Nanoscale</i> , 2019, 11, 5960-5966.	5.6	96
15	Shape-Control of Pt@Ru Nanocrystals: Tuning Surface Structure for Enhanced Electrocatalytic Methanol Oxidation. <i>Journal of the American Chemical Society</i> , 2018, 140, 1142-1147.	13.7	466
16	New applications of genetically modified <i>Pseudomonas aeruginosa</i> for toxicity detection in water. <i>Chemosphere</i> , 2017, 184, 106-111.	8.2	19
17	A general synthesis of abundant metal nanoparticles functionalized mesoporous graphitized carbon. <i>RSC Advances</i> , 2017, 7, 50966-50972.	3.6	6
18	In situ synthesis of ultrathin metal-organic framework nanosheets: a new method for 2D metal-based nanoporous carbon electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18610-18617.	10.3	162

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19	Electrochemical biosensors on platforms of graphene. <i>Chemical Communications</i> , 2013, 49, 9526.	4.1	152
20	Simple and direct synthesis of oxygenous carbon supported palladium nanoparticles with high catalytic activity. <i>Nanoscale</i> , 2013, 5, 1843.	5.6	90
21	Easy Synthesis and Imaging Applications of Cross-Linked Green Fluorescent Hollow Carbon Nanoparticles. <i>ACS Nano</i> , 2012, 6, 400-409.	14.6	467
22	One-pot synthesis of functional two-dimensional graphene/SnO ₂ composite nanosheets as a building block for self-assembly and an enhancing nanomaterial for biosensing. <i>Journal of Materials Chemistry</i> , 2011, 21, 16911.	6.7	62
23	One-step electrochemical approach to the synthesis of Graphene/MnO ₂ nanowall hybrids. <i>Nano Research</i> , 2011, 4, 648-657.	10.4	115
24	One-dimensional Carbon Nanotube/SnO ₂ /Noble Metal Nanoparticle Hybrid Nanostructure: Synthesis, Characterization, and Electrochemical Sensing. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1838-1845.	3.3	16
25	Self-Assembly of Cationic Polyelectrolyte-Functionalized Graphene Nanosheets and Gold Nanoparticles: A Two-Dimensional Heterostructure for Hydrogen Peroxide Sensing. <i>Langmuir</i> , 2010, 26, 11277-11282.	3.5	306
26	Twenty Second Synthesis of Pd Nanourchins with High Electrochemical Activity through an Electrochemical Route. <i>Langmuir</i> , 2010, 26, 17816-17820.	3.5	37