Youxing Fang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9890750/publications.pdf

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	Easy Synthesis and Imaging Applications of Cross-Linked Green Fluorescent Hollow Carbon Nanoparticles. ACS Nano, 2012, 6, 400-409.	14.6	467
2	Shape-Control of Ptâ€“Ru Nanocrystals: Tuning Surface Structure for Enhanced Electrocatalytic Methanol Oxidation. Journal of the American Chemical Society, 2018, 140, 1142-1147.	13.7	466
3	Self-Assembly of Cationic Polyelectrolyte-Functionalized Graphene Nanosheets and Gold Nanoparticles: A Two-Dimensional Heterostructure for Hydrogen Peroxide Sensing. Langmuir, 2010, 26, 11277-11282.	3.5	306
4	Oxidase-like MOF-818 Nanozyme with High Specificity for Catalysis of Catechol Oxidation. Journal of the American Chemical Society, 2020, 142, 15569-15574.	13.7	263
5	Glucose-oxidase like catalytic mechanism of noble metal nanozymes. Nature Communications, 2021, 12, 3375.	12.8	163
6	In situ synthesis of ultrathin metalâ€“organic framework nanosheets: a new method for 2D metal-based nanoporous carbon electrocatalysts. Journal of Materials Chemistry A, 2017, 5, 18610-18617.	10.3	162
7	Electrochemical biosensors on platforms of graphene. Chemical Communications, 2013, 49, 9526.	4.1	152
8	One-step electrochemical approach to the synthesis of Graphene/MnO2 nanowall hybrids. Nano Research, 2011, 4, 648-657.	10.4	115
9	Bio-inspired nanozyme: a hydratase mimic in a zeolitic imidazolate framework. Nanoscale, 2019, 11, 5960-5966.	5.6	96
10	Simple and direct synthesis of oxygenous carbon supported palladium nanoparticles with high catalytic activity. Nanoscale, 2013, 5, 1843.	5.6	90
11	One-pot synthesis of functional two-dimensional graphene/SnO2 composite nanosheets as a building block for self-assembly and an enhancing nanomaterial for biosensing. Journal of Materials Chemistry, 2011, 21, 16911.	6.7	62
12	Kinetically restrained oxygen reduction to hydrogen peroxide with nearly 100% selectivity. Nature Communications, 2022, 13, .	12.8	38
13	Twenty Second Synthesis of Pd Nanourchins with High Electrochemical Activity through an Electrochemical Route. Langmuir, 2010, 26, 17816-17820.	3.5	37
14	Achieving ultrahigh electrocatalytic NH3 yield rate on Fe-doped Bi2WO6 electrocatalyst. Nano Research, 2021, 14, 2711-2716.	10.4	34
15	Deep Eutectic Solvent with Prussian Blue and Tungsten Oxide for Green and Low-Cost Electrochromic Devices. ACS Applied Electronic Materials, 2019, 1, 1038-1045.	4.3	24
16	Deep eutectic solvent assisted facile synthesis of low-dimensional hierarchical porous high-entropy oxides. Nano Research, 2022, 15, 2756-2763.	10.4	22
17	New applications of genetically modified Pseudomonas aeruginosa for toxicity detection in water. Chemosphere, 2017, 184, 106-111.	8.2	19
18	Synthesis of low dimensional hierarchical transition metal oxides via a direct deep eutectic solvent calcining method for enhanced oxygen evolution catalysis. Nanoscale, 2020, 12, 20719-20725.	5.6	17

#	Article	IF	Citations
19	Oneâ€Ðimensional Carbon Nanotube/SnO₂/Noble Metal Nanoparticle Hybrid Nanostructure: Synthesis, Characterization, and Electrochemical Sensing. Chemistry - an Asian Journal, 2010, 5, 1838-1845.	3.3	16
20	Deep eutectic solvent assisted zero-waste electrospinning of lignin fiber aerogels. Green Chemistry, 2021, 23, 6065-6075.	9.0	14
21	Interfacial Electron Regulation of Rh Atomic Layer-Decorated SnO₂ Heterostructures for Enhancing Electrocatalytic Nitrogen Reduction. ACS Applied Materials & Interfaces, 2022, 14, 12304-12313.	8.0	8
22	A respiration substrate-less isolation method for acute toxicity assessment. Chemosphere, 2020, 244, 125511.	8.2	7
23	A general synthesis of abundant metal nanoparticles functionalized mesoporous graphitized carbon. RSC Advances, 2017, 7, 50966-50972.	3.6	6
24	Study on simplified strategies for procedure of rapid detection of water toxicity. Talanta, 2021, 235, 122787.	5.5	5
25	Fabrication of a Novel, Cost-Effective Double-Sided Indium Tin Oxide-Based Nanoribbon Electrode and Its Application of Acute Toxicity Detection in Water. ACS Sensors, 2020, 5, 3923-3929.	7.8	4
26	Double-Base Plate Cooperative Assembly Strategy for the Construction of Ordered Macro-/Mesoporous Noble-Metal Materials for Enhanced Electrochemical Oxidation of Formic Acid. ACS Applied Energy Materials, 2022, 5, 7168-7175.	5.1	0