

Xin-Zhi Sun

List of Publications by Year in descending order

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17
papers

542
citations

1040056

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1058476

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docs citations

17
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive Ratiometric Homogeneous Electrochemical MicroRNA Biosensing via Target-Triggered Ru(III) Release and Redox Recycling. <i>Analytical Chemistry</i> , 2017, 89, 12293-12298.	6.5	108
2	A Universal Paper-Based Electrochemical Sensor for Zero-Background Assay of Diverse Biomarkers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 15381-15388.	8.0	103
3	Biphasic photoelectrochemical sensing strategy based on in situ formation of CdS quantum dots for highly sensitive detection of acetylcholinesterase activity and inhibition. <i>Biosensors and Bioelectronics</i> , 2016, 75, 359-364.	10.1	101
4	DNA Tetrahedra-Cross-linked Hydrogel Functionalized Paper for Onsite Analysis of DNA Methyltransferase Activity Using a Personal Glucose Meter. <i>Analytical Chemistry</i> , 2020, 92, 4592-4599.	6.5	85
5	Towards producing high-quality lignin-based carbon fibers: A review of crucial factors affecting lignin properties and conversion techniques. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 768-784.	7.5	52
6	Aligned ZnO nanorod@Ni ²⁺ /Co layered double hydroxide composite nanosheet arrays with a core-shell structure as high-performance supercapacitor electrode materials. <i>CrystEngComm</i> , 2020, 22, 1593-1601.	2.6	28
7	Synthesis under mild conditions and high catalytic property of bimetal Ni ²⁺ /Cu/SiO ₂ hollow spheres. <i>RSC Advances</i> , 2015, 5, 102436-102440.	3.6	13
8	Bimetallic Ni ²⁺ /Co Silicate Hollow Spheres with Controllable Morphology for the Application on Supercapacitor. <i>ChemistrySelect</i> , 2019, 4, 5258-5263.	1.5	12
9	Lignin-derived 3D porous graphene on carbon cloth for flexible supercapacitors. <i>RSC Advances</i> , 2021, 11, 19695-19704.	3.6	11
10	Direct laser writing of pure lignin on carbon cloth for highly flexible supercapacitors with enhanced areal capacitance. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3744-3754.	4.9	8
11	A novel graphene oxide-based fluorescence assay for RNA endonuclease activity of mammalian Argonaute2 protein. <i>Sensors and Actuators B: Chemical</i> , 2013, 182, 156-160.	7.8	7
12	Study on Catalytic Property of Bimetallic Cu ²⁺ /Ni/SiO ₂ Hollow Spheres Prepared under Moderate Conditions. <i>ChemistrySelect</i> , 2016, 1, 6972-6978.	1.5	4
13	Synthesis and higher catalytic property of the novel bimetallic Ni ²⁺ /Fe/SiO ₂ microspheres with mesoporous structure. <i>Journal of Materials Research</i> , 2017, 32, 766-774.	2.6	4
14	Controllable synthesis of NiCo layered double hydroxide sheets on laser-induced graphene as electrodes for high-performance supercapacitors. <i>CrystEngComm</i> , 0, , .	2.6	4
15	Synthesis, Characterization and Catalytic Properties of Monometal/SiO ₂ and Bimetal/SiO ₂ Hollow Spheres with Mesoporous Structure. <i>Nano</i> , 2017, 12, 1750148.	1.0	1
16	A direct-write method for preparing a bimetal sulfide/graphene composite as a free-standing electrode for high-performance microsupercapacitors. <i>RSC Advances</i> , 2020, 10, 35490-35498.	3.6	1
17	{2-[(2-Aminocyclohexyl)iminomethyl]phenolato}dioxidovanadium(V). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m476-m476.	0.2	0