

Xuefei Gao

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,901
citations

567144

15
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940416

16
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docs citations

17
times ranked

3136
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Scaled Porous Nitrocellulose Membranes with Underwater Superoleophobicity for Highly Efficient Oil/Water Separation. <i>Advanced Materials</i> , 2014, 26, 1771-1775.	11.1	311
2	Hydrothermal Synthesis of Monolithic Co ₃ Se ₄ Nanowire Electrodes for Oxygen Evolution and Overall Water Splitting with High Efficiency and Extraordinary Catalytic Stability. <i>Advanced Energy Materials</i> , 2017, 7, 1602579.	10.2	267
3	The oxygen evolution reaction enabled by transition metal phosphide and chalcogenide pre-catalysts with dynamic changes. <i>Chemical Communications</i> , 2019, 55, 8744-8763.	2.2	246
4	From water reduction to oxidation: Janus Co-Ni-P nanowires as high-efficiency and ultrastable electrocatalysts for over 3000 h water splitting. <i>Journal of Power Sources</i> , 2016, 330, 156-166.	4.0	190
5	Vapor-solid synthesis of monolithic single-crystalline CoP nanowire electrodes for efficient and robust water electrolysis. <i>Chemical Science</i> , 2017, 8, 2952-2958.	3.7	162
6	Paper-Based Surface-Enhanced Raman Scattering Lateral Flow Strip for Detection of Neuron-Specific Enolase in Blood Plasma. <i>Analytical Chemistry</i> , 2017, 89, 10104-10110.	3.2	134
7	Visual detection of microRNA with lateral flow nucleic acid biosensor. <i>Biosensors and Bioelectronics</i> , 2014, 54, 578-584.	5.3	122
8	Self-supported Co-Ni-P ternary nanowire electrodes for highly efficient and stable electrocatalytic hydrogen evolution in acidic solution. <i>Catalysis Today</i> , 2017, 287, 122-129.	2.2	105
9	Chemical interaction and enhanced interfacial ion transport in a ceramic nanofiber-polymer composite electrolyte for all-solid-state lithium metal batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7261-7272.	5.2	85
10	An enzyme-amplified lateral flow strip biosensor for visual detection of MicroRNA-224. <i>Talanta</i> , 2016, 146, 648-654.	2.9	74
11	Low-temperature water electrolysis: fundamentals, progress, and new strategies. <i>Materials Advances</i> , 2022, 3, 5598-5644.	2.6	50
12	Enabling Direct Protein Detection in a Drop of Whole Blood with an "On-Strip" Plasma Separation Unit in a Paper-Based Lateral Flow Strip. <i>Analytical Chemistry</i> , 2021, 93, 1326-1332.	3.2	38
13	A "hot Spot"-Enhanced paper lateral flow assay for ultrasensitive detection of traumatic brain injury biomarker S-100 β in blood plasma. <i>Biosensors and Bioelectronics</i> , 2021, 177, 112967.	5.3	34
14	Recent Advances in Nanoparticles-based Lateral Flow Biosensors. <i>American Journal of Biomedical Sciences</i> , 0, , 41-57.	0.2	30
15	Nanoparticle-based genetic transformation of <i>Cannabis sativa</i> . <i>Journal of Biotechnology</i> , 2021, 326, 48-51.	1.9	24
16	Smartphone-Based Sensors. <i>Electrochemical Society Interface</i> , 2016, 25, 79-81.	0.3	17
17	Plasmon-enhanced near-infrared fluorescence detection of traumatic brain injury biomarker glial fibrillary acidic protein in blood plasma. <i>Analytica Chimica Acta</i> , 2022, 1203, 339721.	2.6	12