

Ya Xiong

List of Publications by Year in descending order

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papers

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687363

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16
all docs

16
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1098
citing authors

#	ARTICLE	IF	CITATIONS
1	Defect engineering on SnO ₂ nanomaterials for enhanced gas sensing performances. , 2022, 1, 100033.		26
2	S-scheme heterostructure based on ultrathin 2D CdS coated W18O ₄₉ nanosheets-assembled network for highly-efficient photocatalytic H ₂ evolution. Journal of Alloys and Compounds, 2022, 918, 165652.	5.5	17
3	Confined synthesis of 2D ultrathin ZnO/Co ₃ O ₄ nanomeshes heterostructure for superior triethylamine detection at low temperature. Sensors and Actuators B: Chemical, 2021, 346, 130486.	7.8	55
4	Simultaneous oxidative and reductive reactions in one system by atomic design. Nature Catalysis, 2021, 4, 134-143.	34.4	132
5	Toward the Design of High-performance Supercapacitors by Prussian Blue, its Analogues and their Derivatives. Energy and Environmental Materials, 2020, 3, 323-345.	12.8	29
6	Autonomous Drug Release Systems with Disease Symptom-associated Triggers. Advanced Intelligent Systems, 2020, 2, 1900124.	6.1	14
7	Review "Open-Framework Structure Based Cathode Materials Coupled with Metallic Anodes for Rechargeable Multivalent Ion Batteries. Journal of the Electrochemical Society, 2020, 167, 160530.	2.9	4
8	Co-MOF-74 derived Co ₃ O ₄ /graphene heterojunction nanoscrolls for ppb-level acetone detection. Sensors and Actuators B: Chemical, 2019, 300, 127011.	7.8	62
9	A ZIF-8@H:ZnO core-shell nanorod arrays/Si heterojunction self-powered photodetector with ultrahigh performance. Journal of Materials Chemistry C, 2019, 7, 5172-5183.	5.5	15
10	A hierarchical structured steel mesh decorated with metal organic framework/graphene oxide for high-efficient oil/water separation. Journal of Hazardous Materials, 2019, 373, 725-732.	12.4	120
11	Layer-by-layer self-assembly of polyaniline nanofibers/TiO ₂ nanotubes heterojunction thin film for ammonia detection at room temperature. Nanotechnology, 2019, 30, 135501.	2.6	20
12	Synthesis of nanowire bundle-like WO ₃ -W18O ₄₉ heterostructures for highly sensitive NH ₃ sensor application. Journal of Hazardous Materials, 2018, 353, 290-299.	12.4	94
13	Enhanced Room Temperature Oxygen Sensing Properties of LaOCl@SnO ₂ Hollow Spheres by UV Light Illumination. ACS Sensors, 2017, 2, 679-686.	7.8	43
14	ZIF-derived porous ZnO-Co ₃ O ₄ hollow polyhedrons heterostructure with highly enhanced ethanol detection performance. Sensors and Actuators B: Chemical, 2017, 253, 523-532.	7.8	108
15	Effective CO ₂ detection based on LaOCl-doped SnO ₂ nanofibers: Insight into the role of oxygen in carrier gas. Sensors and Actuators B: Chemical, 2017, 241, 725-734.	7.8	69
16	Defect Chemistry of the Metal Cation Defects in the p- and n-Doped SnO ₂ Nanocrystalline Films. Journal of Physical Chemistry C, 2014, 118, 18097-18109.	3.1	49