

Jianfeng Tan

List of Publications by Year in descending order

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papers

589
citations

840119

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#	ARTICLE	IF	CITATIONS
1	Porous ZnFe ₂ O ₄ nanorods with net-worked nanostructure for highly sensor response and fast response acetone gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 85-91.	4.0	101
2	Synthesis of hollow and hollowed-out Co ₃ O ₄ microspheres assembled by porous ultrathin nanosheets for ethanol gas sensors: Responding and recovering in one second. <i>Sensors and Actuators B: Chemical</i> , 2017, 249, 44-52.	4.0	76
3	Fe ₂ O ₃ -loaded NiO nanosheets for fast response/recovery and high response gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 256, 282-293.	4.0	73
4	Self-template derived CuO nanowires assembled microspheres and its gas sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 1-8.	4.0	65
5	Synthesis of porous γ -Fe ₂ O ₃ microrods via in situ decomposition of FeC ₂ O ₄ precursor for ultra-fast responding and recovering ethanol gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 46-53.	4.0	54
6	CdS quantum dots supported by ultrathin porous nanosheets assembled into hollowed-out Co ₃ O ₄ microspheres: A room-temperature H ₂ S gas sensor with ultra-fast response and recovery. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126839.	4.0	52
7	Electrolyte Engineering Toward High-Voltage Aqueous Energy Storage Devices. <i>Energy and Environmental Materials</i> , 2021, 4, 302-306.	7.3	48
8	Ultra-thin nanosheets-assembled hollowed-out hierarchical γ -Fe ₂ O ₃ nanorods: Synthesis via an interface reaction route and its superior gas sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2016, 237, 159-166.	4.0	41
9	Synergistic Coupling of Ether Electrolyte and 3D Electrode Enables Titanates with Extraordinary Coulombic Efficiency and Rate Performance for Sodium-Ion Capacitors. <i>Small Methods</i> , 2019, 3, 1800371.	4.6	41
10	Weak Ionization Induced Interfacial Deposition and Transformation towards Fast-Charging NaTi ₂ (PO ₄) ₃ Nanowire Bundles for Advanced Aqueous Sodium-Ion Capacitors. <i>Advanced Functional Materials</i> , 2021, 31, 2101027.	7.8	25
11	Co ₃ O ₄ nanoboxes with abundant porestructure boosted ultrasensitive toluene gas sensors. <i>Materials Research Express</i> , 2018, 5, 045036.	0.8	13