Jianfeng Tan

List of Publications by Year
in descending order

11 papers	589 citations	840119 11 h-index	1281420 11 g-index
11 all docs	11 docs citations	11 times ranked	798 citing authors

#	Article	IF	Citations
1	Electrolyte Engineering Toward Highâ€Voltage Aqueous Energy Storage Devices. Energy and Environmental Materials, 2021, 4, 302-306.	7.3	48
2	Weak Ionization Induced Interfacial Deposition and Transformation towards Fastâ€Charging NaTi₂(PO₄)₃ Nanowire Bundles for Advanced Aqueous Sodiumâ€Ion Capacitors. Advanced Functional Materials, 2021, 31, 2101027.	7.8	25
3	CdS quantum dots supported by ultrathin porous nanosheets assembled into hollowed-out Co3O4 microspheres: A room-temperature H2S gas sensor with ultra-fast response and recovery. Sensors and Actuators B: Chemical, 2019, 298, 126839.	4.0	52
4	Synergistic Coupling of Ether Electrolyte and 3D Electrode Enables Titanates with Extraordinary Coulombic Efficiency and Rate Performance for Sodiumâ€Ion Capacitors. Small Methods, 2019, 3, 1800371.	4.6	41
5	Co₃O₄ nanoboxes with abundant porestructure boosted ultrasensitive toluene gas sensors. Materials Research Express, 2018, 5, 045036.	0.8	13
6	Fe2O3-loaded NiO nanosheets for fast response/recovery and high response gas sensor. Sensors and Actuators B: Chemical, 2018, 256, 282-293.	4.0	73
7	Synthesis of hollow and hollowed-out Co3O4 microspheres assembled by porous ultrathin nanosheets for ethanol gas sensors: Responding and recovering in one second. Sensors and Actuators B: Chemical, 2017, 249, 44-52.	4.0	76
8	Self-template derived CuO nanowires assembled microspheres and its gas sensing properties. Sensors and Actuators B: Chemical, 2017, 252, 1-8.	4.0	65
9	Porous ZnFe2O4 nanorods with net-worked nanostructure for highly sensor response and fast response acetone gas sensor. Sensors and Actuators B: Chemical, 2017, 248, 85-91.	4.0	101
10	Ultra-thin nanosheets-assembled hollowed-out hierarchical Î±-Fe2O3 nanorods: Synthesis via an interface reaction route and its superior gas sensing properties. Sensors and Actuators B: Chemical, 2016, 237, 159-166.	4.0	41
11	Synthesis of porous Î±-Fe2O3 microrods via in situ decomposition of FeC2O4 precursor for ultra-fast responding and recovering ethanol gas sensor. Sensors and Actuators B: Chemical, 2016, 230, 46-53.	4.0	54