Wang-Chang Geng

List of Publications by Year
in descending order

31	1,093	471509 17	454955 30
papers	citations	h-index	g-index

31	31	31	1815
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of hollow spherical nickel oxide and its gas-sensing properties. Rare Metals, 2021, 40, 1622-1631.	7.1	16
2	Pore size dependent acetic acid gas sensing performance of mesoporous CuO. Sensors and Actuators B: Chemical, 2021, 334, 129639.	7.8	31
3	Morphology-Dependent Gas Sensing Properties of CuO Microstructures Self-Assembled from Nanorods. Sensors and Actuators B: Chemical, 2020, 325, 128775.	7.8	42
4	Effect of Sb doping on structural and photoelectric properties of SnO2 thin films. Journal of Materials Science: Materials in Electronics, 2020, 31, 3289-3302.	2.2	10
5	The self-assembly of octahedral CuxO and its triethylamine-sensing properties. Sensors and Actuators B: Chemical, 2020, 312, 128014.	7.8	23
6	A novel highly crystalline Fe₄(Fe(CN)₆)₃concave cube anode material for Li-ion batteries with high capacity and long life. Journal of Materials Chemistry A, 2019, 7, 11478-11486.	10.3	50
7	Humidity sensing performance of mesoporous CoO(OH) synthesized via one-pot hydrothermal method. Sensors and Actuators B: Chemical, 2019, 280, 46-53.	7.8	18
8	Volatile Organic Compound Gas-Sensing Properties of Bimodal Porous Î±-Fe₂O₃ with Ultrahigh Sensitivity and Fast Response. ACS Applied Materials & Interfaces, 2018, 10, 13702-13711.	8.0	87
9	Effect of framework structure, pore size and surface modification on the adsorption performance of methylene blue and Cu2+ in mesoporous silica. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 539, 154-162.	4.7	39
10	Transparent and conducting Ga-doped ZnO films on flexible substrates prepared by solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2017, 28, 8669-8674.	2.2	5
11	Ordered Large-Pore Mesoporous Cr₂O₃ with Ultrathin Framework for Formaldehyde Sensing. ACS Applied Materials & Interfaces, 2017, 9, 18170-18177.	8.0	47
12	Removal of Cationic Dyes, Heavy Metal Ions, and CO2 Capture by Adsorption on Mesoporous Silica HMS. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	14
13	Preparation of High Value Added Activated Carbons from Corncob for Electric Double Layer Capacitors. Journal of Nanoscience and Nanotechnology, 2017, 17, 3803-3808.	0.9	2
14	Ultrahigh humidity sensitivity of NaCl-added 3D mesoporous silica KIT-6 and its sensing mechanism. RSC Advances, 2016, 6, 38391-38398.	3.6	27
15	Remarkable humidity-responsive sensor based on poly (N,N-diethylaminoethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td (	7.8	32
16	Efficient Photocatalytic Degradation of Dyes over Hierarchical BiOBr/Î²â€Co(OH)₂/PVP Multicomponent Photocatalyst under Visibleâ€Light Irradiation. ChemCatChem, 2015, 7, 4163-4172.	3.7	15
17	Investigation of selective etching mechanism and its dependency on the particle size in preparation of hollow silica spheres. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	2
18	Fabrication and characterization of 1 D Fe3O4/P(NIPAMâ€“MAAâ€“MBA) nanochains with thermo- and pH-responsive shell for controlled release for phenolphthalein. Journal of Materials Science, 2015, 50, 3083-3090.	3.7	10

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19	Synthesis of rattle-type magnetic mesoporous Fe₃O₄@mSiO₂@BiOBr hierarchical photocatalyst and investigation of its photoactivity in the degradation of methylene blue. RSC Advances, 2015, 5, 48050-48059.	3.6	20
20	Hollow Mesoporous SiO₂â€“BiOBr Nanophotocatalyst: Synthesis, Characterization and Application in Photodegradation of Organic Dyes under Visible-Light Irradiation. ACS Sustainable Chemistry and Engineering, 2015, 3, 1101-1110.	6.7	54
21	Humidity Sensing Property of NaClâ€Added Mesoporous Silica Synthesized by a Facile Way with Low Energy Cost. International Journal of Applied Ceramic Technology, 2015, 12, 169-175.	2.1	11
22	Thermal percolation behavior of graphene nanoplatelets/polyphenylene sulfide thermal conductivity composites. Polymer Composites, 2014, 35, 1087-1092.	4.6	113
23	Thermal conductivities, mechanical and thermal properties of graphite nanoplatelets/polyphenylene sulfide composites. RSC Advances, 2014, 4, 22101-22105.	3.6	98
24	Effect of large pore size of multifunctional mesoporous microsphere on removal of heavy metal ions. Journal of Hazardous Materials, 2013, 254-255, 157-165.	12.4	128
25	Preparation and characterization of structure-tailored magnetic fluorescent Fe3O4/P(GMAâ€“EGDMAâ€“NVCz) coreâ€“shell microspheres. Journal of Materials Science, 2013, 48, 5302-5308.	3.7	7
26	Surface modification of HMPBO fibers by silane coupling agent of KH-560 treatment assisted by ultrasonic vibration. Fibers and Polymers, 2012, 13, 979-984.	2.1	30
27	Fabrication of 1D Fe3O4/P(NIPAM-MBA) thermosensitive nanochains by magnetic-field-induced precipitation polymerization. Colloid and Polymer Science, 2012, 290, 1207-1213.	2.1	15
28	Preparation of nanoparticles and hollow spheres of Î±-Fe2O3 and their properties. Research on Chemical Intermediates, 2011, 37, 389-395.	2.7	15
29	Preparation of monodispersed Î±-Fe2O3 nanoparticles by a hydrothermal synthetic route. Research on Chemical Intermediates, 2011, 37, 523-529.	2.7	8
30	Mediated electrochemistry of dimethyl sulfoxide reductase promoted by carbon nanotubes. Science China Chemistry, 2010, 53, 2560-2563.	8.2	0
31	Ordered Mesoporous Copper Oxide with Crystalline Walls. Angewandte Chemie - International Edition, 2007, 46, 738-741.	13.8	124