Genggeng Qi

List of Publications by Year
in descending order

35 papers	3,309 citations	331259 21 h-index	377514 34 g-index
35 all docs	35 docs citations	35 times ranked	5239 citing authors

#	Article	IF	Citations
1	Preparation of Cu-doped ZnO nanoparticles via layered double hydroxide and application for dye-sensitized solar cells. Journal of Physics and Chemistry of Solids, 2021, 150, 109833.	1.9	37
2	Stimuli-Responsive, Hydrolyzable Poly(Vinyl Laurate-co-vinyl Acetate) Nanoparticle Platform for In Situ Release of Surfactants. ACS Applied Materials & Interfaces, 2021, 13, 25553-25562.	4.0	6
3	An experimental study of a nearly perfect absorber made from a natural hyperbolic material for harvesting solar energy. Journal of Applied Physics, 2020, 127, .	1.1	20
4	Hollow Multihole Carbon Bowls: A Stressâ€“Release Structure Design for High-Stability and High-Volumetric-Capacity Potassium-Ion Batteries. ACS Nano, 2019, 13, 11363-11371.	7.3	143
5	Scalable Synthesis of Switchable Assemblies of Gold Nanorod Lyotropic Liquid Crystal Nanocomposites. Small, 2019, 15, 1901666.	5.2	12
6	Borax promotes the facile formation of hollow structure in Cu single crystalline nanoparticles for multifunctional electrocatalysis. Inorganic Chemistry Frontiers, 2019, 6, 893-902.	3.0	15
7	Graphene/zinc aluminum mixed metal oxides photo anode for CdS quantum dot-sensitized solar cell. Materials Research Express, 2017, 4, 045501.	0.8	7
8	Preparation and photovoltaic properties of CdS quantum dot-sensitized solar cell based on zinc tin mixed metal oxides. Journal of Colloid and Interface Science, 2017, 498, 223-228.	5.0	24
9	Superhydrophilic Wrinkle-Free Cotton Fabrics via Plasma and Nanofluid Treatment. ACS Applied Materials & Interfaces, 2017, 9, 38109-38116.	4.0	36
10	Phyllosilicate nanoclay-based aqueous nanoparticle sorbent for CO2 capture at ambient conditions. Applied Materials Today, 2017, 9, 451-455.	2.3	19
11	Yellow emitting carbon dots with superior colloidal, thermal, and photochemical stabilities. Journal of Materials Chemistry C, 2016, 4, 9798-9803.	2.7	50
12	High performance graphene oxide/polyacrylonitrile composite pervaporation membranes for desalination applications. Journal of Materials Chemistry A, 2015, 3, 5140-5147.	5.2	228
13	Synthesis of well-defined responsive membranes with fixable solvent responsiveness. Polymer International, 2015, 64, 138-145.	1.6	6
14	Sponges with covalently tethered amines for high-efficiency carbon capture. Nature Communications, 2014, 5, 5796.	5.8	103
15	Synthesis and Carbon Dioxide Sorption of Layered Double Hydroxide/Silica Foam Nanocomposites with Hierarchical Mesostructure. ChemSusChem, 2014, 7, 1035-1039.	3.6	17
16	In situ formation of silver nanoparticles on thin-film composite reverse osmosis membranes for biofouling mitigation. Water Research, 2014, 62, 260-270.	5.3	244
17	Mechanism study of selective heavy metal ion removal with polypyrrole-functionalized polyacrylonitrile nanofiber mats. Applied Surface Science, 2014, 316, 245-250.	3.1	54
18	Organic fouling behavior of superhydrophilic polyvinylidene fluoride (PVDF) ultrafiltration membranes functionalized with surface-tailored nanoparticles: Implications for organic fouling in membrane bioreactors. Journal of Membrane Science, 2014, 463, 94-101.	4.1	110

#	Article	IF	Citations
19	Preparation of Î³-Fe2O3/SiO2-capsule composites capable of using as drug delivery and magnetic targeting system from hydrophobic iron acetylacetonate and hydrophilic SiO2-capsule. Solid State Sciences, 2014, 34, 49-55.	1.5	15
20	Facile synthesis and application of a carbon foam with large mesopores. Physical Chemistry Chemical Physics, 2013, 15, 19134.	1.3	7
21	Functions of surfactants in the one-step synthesis of surfactant-intercalated LDHs. Journal of Materials Science, 2013, 48, 5437-5446.	1.7	23
22	Using Magnetically Responsive Tea Waste to Remove Lead in Waters under Environmentally Relevant Conditions. PLoS ONE, 2013, 8, e66648.	1.1	19
23	Efficient CO2 sorbents based on silica foam with ultra-large mesopores. Energy and Environmental Science, 2012, 5, 7368.	15.6	140
24	A Highly Efficient and Selective Polysilsesquioxane Sorbent for Heavy Metal Removal. ChemPhysChem, 2012, 13, 2536-2539.	1.0	6
25	Formation of SnO₂ Hollow Nanospheres inside Mesoporous Silica Nanoreactors. Journal of the American Chemical Society, 2011, 133, 21-23.	6.6	391
26	High efficiency nanocomposite sorbents for CO2 capture based on amine-functionalized mesoporous capsules. Energy and Environmental Science, 2011, 4, 444-452.	15.6	446
27	Mesoporous amineâ€bridged polysilsesquioxane for CO₂ capture. , 2011, 1, 278-284.		13
28	Facile and Scalable Synthesis of Monodispersed Spherical Capsules with a Mesoporous Shell. Chemistry of Materials, 2010, 22, 2693-2695.	3.2	205
29	Mechanistic Aspects of Sterically Stabilized Controlled Radical Inverse Miniemulsion Polymerization. Macromolecules, 2009, 42, 3906-3916.	2.2	25
30	Emulsion and controlled miniemulsion polymerization of the renewable monomer Î³â€methylâ€Î±â€methyleneâ€Î³â€butyrolactone. Journal of Polymer Science Part A, 2008, 46, 5929-5944.	2.5	49
31	Designing Adsorbents for CO₂ Capture from Flue Gas-Hyperbranched Aminosilicas Capable of Capturing CO₂ Reversibly. Journal of the American Chemical Society, 2008, 130, 2902-2903.	6.6	703
32	RAFT Inverse Miniemulsion Polymerization of Acrylamide. Macromolecular Rapid Communications, 2007, 28, 1010-1016.	2.0	59
33	Enzyme-Initiated Miniemulsion Polymerization. Biomacromolecules, 2006, 7, 2927-2930.	2.6	37
34	Transients in RAFT Miniemulsion Polymerization in CSTR Trains. Industrial & Engineering Chemistry Research, 2006, 45, 7084-7089.	1.8	12
35	On the Stability of Miniemulsions in the Presence of RAFT Agents. Langmuir, 2006, 22, 9075-9078.	1.6	28