Qiling Cheng

List of Publications by Year
in descending order

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55 papers	3,047 citations	136950 32 h-index	168389 53 g-index
55 all docs	55 docs citations	55 times ranked	4248 citing authors

#	Article	IF	Citations
1	Coexisting Singleâ€Atomic Fe and Ni Sites on Hierarchically Ordered Porous Carbon as a Highly Efficient ORR Electrocatalyst. Advanced Materials, 2020, 32, e2004670.	21.0	404
2	Surface-modified antibacterial TiO2/Ag+ nanoparticles: Preparation and properties. Applied Surface Science, 2006, 252, 4154-4160.	6.1	212
3	Growth of polyaniline nanowhiskers on mesoporous carbon for supercapacitor application. Journal of Power Sources, 2011, 196, 7835-7840.	7.8	166
4	ZnO@MOF@PANI core-shell nanoarrays on carbon cloth for high-performance supercapacitor electrodes. Journal of Energy Chemistry, 2019, 35, 124-131.	12.9	122
5	MnO₂ nanoflake/polyaniline nanorod hybrid nanostructures on graphene paper for high-performance flexible supercapacitor electrodes. Journal of Materials Chemistry A, 2015, 3, 17165-17171.	10.3	109
6	Electrorheological characteristics of polyaniline/titanate composite nanotube suspensions. Colloid and Polymer Science, 2009, 287, 435-441.	2.1	100
7	A Gradient Heterostructure Based on Tolerance Factor in Highâ€Performance Perovskite Solar Cells with 0.84 Fill Factor. Advanced Materials, 2019, 31, e1804217.	21.0	95
8	Controlled synthesis of hierarchical polyaniline nanowires/ordered bimodal mesoporous carbon nanocomposites with high surface area for supercapacitor electrodes. Journal of Power Sources, 2013, 240, 544-550.	7.8	94
9	Conducting polypyrrole confined in ordered mesoporous silica SBA-15 channels: Preparation and its electrorheology. Microporous and Mesoporous Materials, 2006, 93, 263-269.	4.4	88
10	High-performance stretchable supercapacitors based on intrinsically stretchable acrylate rubber/MWCNTs@conductive polymer composite electrodes. Journal of Materials Chemistry A, 2018, 6, 4432-4442.	10.3	82
11	Fabrication of polyaniline/mesoporous carbon/MnO2 ternary nanocomposites and their enhanced electrochemical performance for supercapacitors. Electrochimica Acta, 2012, 71, 27-32.	5.2	75
12	3D Porous Ti3C2 MXene/NiCo-MOF Composites for Enhanced Lithium Storage. Nanomaterials, 2020, 10, 695.	4.1	75
13	Synthesis and electrorheological characteristics of sea urchin-like TiO2 hollow spheres. Colloid and Polymer Science, 2011, 289, 799-805.	2.1	73
14	MnO2 nanoflakes/hierarchical porous carbon nanocomposites for high-performance supercapacitor electrodes. Electrochimica Acta, 2015, 164, 252-259.	5.2	73
15	Morphology-controllable synthesis of MnO2 hollow nanospheres and their supercapacitive performance. New Journal of Chemistry, 2013, 37, 722.	2.8	68
16	Ultrathin MnO₂ nanoflakes grown on N-doped carbon nanoboxes for high-energy asymmetric supercapacitors. Journal of Materials Chemistry A, 2015, 3, 21337-21342.	10.3	66
17	Surfactant-assisted polypyrrole/titanate composite nanofibers: Morphology, structure and electrical properties. Synthetic Metals, 2008, 158, 953-957.	3.9	62
18	Interface-engineered MoS2/C nanosheet heterostructure arrays for ultra-stable sodium-ion batteries. Chemical Engineering Science, 2017, 174, 104-111.	3.8	60

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19	Synthesis and structural properties of polypyrrole/nano-Y 2 O 3 conducting composite. Applied Surface Science, 2006, 253, 1736-1740.	6.1	59
20	Electrorheological properties of new mesoporous material with conducting polypyrrole in mesoporous silica. Microporous and Mesoporous Materials, 2006, 94, 193-199.	4.4	57
21	Amorphous vanadium oxides with metallic character for asymmetric supercapacitors. Chemical Engineering Journal, 2021, 403, 126380.	12.7	55
22	Synthesis and characterization of new mesoporous material with conducting polypyrrole confined in mesoporous silica. Materials Chemistry and Physics, 2006, 98, 504-508.	4.0	54
23	Ultrafine V₂O₃ Nanowire Embedded in Carbon Hybrids with Enhanced Lithium Storage Capability. Industrial & Engineering Chemistry Research, 2015, 54, 2960-2965.	3.7	54
24	MnO2/polyaniline hybrid nanostructures on carbon cloth for supercapacitor electrodes. Journal of Solid State Electrochemistry, 2016, 20, 1459-1467.	2.5	54
25	Hierarchical PANI/NiCo-LDH Core-Shell Composite Networks on Carbon Cloth for High Performance Asymmetric Supercapacitor. Nanomaterials, 2019, 9, 527.	4.1	51
26	Co3O4@CoS Core-Shell Nanosheets on Carbon Cloth for High Performance Supercapacitor Electrodes. Materials, 2017, 10, 608.	2.9	49
27	A Highly Flexible Supercapacitor Based on MnO2/RGO Nanosheets and Bacterial Cellulose-Filled Gel Electrolyte. Materials, 2017, 10, 1251.	2.9	47
28	Sculpturing metal foams toward bifunctional 3D copper oxide nanowire arrays for pseudo-capacitance and enzyme-free hydrogen peroxide detection. Journal of Materials Chemistry A, 2015, 3, 8734-8741.	10.3	45
29	Supersaturated bridge-sulfur and vanadium co-doped MOS2 nanosheet arrays with enhanced sodium storage capability. Nano Research, 2021, 14, 74-80.	10.4	42
30	Electrical properties and morphology of highly conductive composites based on polypropylene and hybrid fillers. Journal of Industrial and Engineering Chemistry, 2010, 16, 10-14.	5.8	39
31	Construction of Hierarchical CuO/Cu2O@NiCo2S4 Nanowire Arrays on Copper Foam for High Performance Supercapacitor Electrodes. Nanomaterials, 2017, 7, 273.	4.1	38
32	Interfacial Synthesis and Supercapacitive Performance of Hierarchical Sulfonated Carbon Nanotubes/Polyaniline Nanocomposites. Industrial & Engineering Chemistry Research, 2012, 51, 3981-3987.	3.7	37
33	SYNTHESIS OF TITANATE/POLYPYRROLE COMPOSITE ROD-LIKE PARTICLES AND THE ROLE OF CONDUCTING POLYMER ON ELECTRORHEOLOGICAL EFFICIENCY. International Journal of Modern Physics B, 2012, 26, 1250007.	2.0	30
34	High energy-density organic supercapacitors based on optimum matching between GNS/aMWCNT@polyaniline nanocone arrays cathode and GNS/aMWCNT@poly(1,5-diaminoanthraquinone) nanoparticles anode. Chemical Engineering Journal, 2017, 326, 9-16.	12.7	29
35	Structural and electrorheological properties of mesoporous silica modified with triethanolamine. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 318, 169-174.	4.7	28
36	Facile fabrication and characterization of novel polyaniline/titanate composite nanotubes directed by block copolymer. European Polymer Journal, 2007, 43, 3780-3786.	5.4	27

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37	Effects of macropore size on structural and electrochemical properties of hierarchical porous carbons. Journal of Materials Science, 2012, 47, 6444-6450.	3.7	27
38	Flexible textile electrode with high areal capacity from hierarchical V2O5 nanosheet arrays. Journal of Power Sources, 2017, 357, 71-76.	7.8	27
39	Hierarchical MoS2/C@MXene composite as an anode for high-performance lithium-ion capacitors. Applied Surface Science, 2022, 598, 153778.	6.1	24
40	Preparation and electrorheology of new mesoporous polypyrrole/MCM-41 suspensions. Journal of Materials Science, 2006, 41, 5047-5049.	3.7	20
41	Synthesis and electrorheological characteristics of titanate nanotube suspensions under oscillatory shear. Journal of Industrial and Engineering Chemistry, 2009, 15, 550-554.	5.8	17
42	Copper-Doped Nano Laponite Coating on Poly(butylene Succinate) Scaffold with Antibacterial Properties and Cytocompatibility for Biomedical Application. Journal of Nanomaterials, 2018, 2018, 1-11.	2.7	17
43	Template-free synthesis of hollow poly(o-anisidine) microspheres and their electrorheological characteristics. Smart Materials and Structures, 2011, 20, 065014.	3.5	16
44	Controlled synthesis of mesoporous carbon nanosheets and their enhanced supercapacitive performance. Journal of Solid State Electrochemistry, 2013, 17, 1677-1684.	2.5	14
45	Controlled synthesis of alkalized Ti3C2 MXene-supported Î²-FeOOH nanoparticles as anodes for lithium-ion batteries. Ionics, 2019, 25, 3069-3077.	2.4	14
46	Effect of phenolic resin infiltration content on the structural and electrochemical properties of hierarchical porous carbons. Journal of Materials Science, 2014, 49, 7489-7496.	3.7	12
47	Synthesis and Structural and Electrical Characteristics of Polypyrrole Nanotube/TiO2 Hybrid Composites. Journal of Macromolecular Science - Physics, 2010, 49, 419-428.	1.0	11
48	Synthesis and Structural Characterization of Polyaniline/Mesoporous Carbon Nanocomposite. International Journal of Polymer Analysis and Characterization, 2008, 13, 25-36.	1.9	8
49	Synthesis, Characterization and Electrochemical Capacitance of Urchin-Like Hierarchical Polyaniline Microspheres. Journal of Macromolecular Science - Physics, 2012, 51, 897-905.	1.0	8
50	INCREASING ELECTRORHEOLOGICAL RESPONSE OF PARTICLES: THE EFFECT OF CONDUCTIVE POLYMER. International Journal of Modern Physics B, 2007, 21, 4883-4889.	2.0	5
51	THE EFFECT OF POLYPYRROLE LOADING ON THE ELECTRORHEOLOGICAL PROPERTIES OF POLYPYRROLE/SBA-15 SUSPENSIONS. International Journal of Modern Physics B, 2007, 21, 5026-5032.	2.0	3
52	Fe3O4 Nanoparticles on 3D Porous Carbon Skeleton Derived from Rape Pollen for High-Performance Li-Ion Capacitors. Nanomaterials, 2021, 11, 3355.	4.1	3
53	Room Temperature In-Situ Synthesis of Inorganic Lead Halide Perovskite Nanocrystals Sol Using Ultraviolet Polymerized Acrylic Monomers as Solvent and Their Composites with High Stability. Applied Sciences (Switzerland), 2020, 10, 3325.	2.5	2
54	Electrorheological Properties of Suspensions of Polypyrrole Ribbon Particles in Silicone Oil. , 2011, , .		0

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55	THE EFFECT OF POLYPYRROLE LOADING ON THE ELECTRORHEOLOGICAL PROPERTIES OF POLYPYRROLE/SBA-15 SUSPENSIONS. , 2007, , .		0