

Qiling Cheng

List of Publications by Year in descending order

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55
papers

3,047
citations

136885

32
h-index

168321

53
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55
all docs

55
docs citations

55
times ranked

4248
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical MoS ₂ /C@MXene composite as an anode for high-performance lithium-ion capacitors. <i>Applied Surface Science</i> , 2022, 598, 153778.	3.1	24
2	Amorphous vanadium oxides with metallic character for asymmetric supercapacitors. <i>Chemical Engineering Journal</i> , 2021, 403, 126380.	6.6	55
3	Supersaturated bridge-sulfur and vanadium co-doped MoS ₂ nanosheet arrays with enhanced sodium storage capability. <i>Nano Research</i> , 2021, 14, 74-80.	5.8	42
4	Fe ₃ O ₄ Nanoparticles on 3D Porous Carbon Skeleton Derived from Rape Pollen for High-Performance Li-Ion Capacitors. <i>Nanomaterials</i> , 2021, 11, 3355.	1.9	3
5	Coexisting Single-Atomic Fe and Ni Sites on Hierarchically Ordered Porous Carbon as a Highly Efficient ORR Electrocatalyst. <i>Advanced Materials</i> , 2020, 32, e2004670.	11.1	404
6	3D Porous Ti ₃ C ₂ MXene/NiCo-MOF Composites for Enhanced Lithium Storage. <i>Nanomaterials</i> , 2020, 10, 695.	1.9	75
7	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. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3325.	1.3	2
8	Hierarchical PANI/NiCo-LDH Core-Shell Composite Networks on Carbon Cloth for High Performance Asymmetric Supercapacitor. <i>Nanomaterials</i> , 2019, 9, 527.	1.9	51
9	Controlled synthesis of alkalized Ti ₃ C ₂ MXene-supported β -FeOOH nanoparticles as anodes for lithium-ion batteries. <i>Ionics</i> , 2019, 25, 3069-3077.	1.2	14
10	A Gradient Heterostructure Based on Tolerance Factor in High-Performance Perovskite Solar Cells with 0.84 Fill Factor. <i>Advanced Materials</i> , 2019, 31, e1804217.	11.1	95
11	ZnO@MOF@PANI core-shell nanoarrays on carbon cloth for high-performance supercapacitor electrodes. <i>Journal of Energy Chemistry</i> , 2019, 35, 124-131.	7.1	122
12	High-performance stretchable supercapacitors based on intrinsically stretchable acrylate rubber/MWCNTs@conductive polymer composite electrodes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4432-4442.	5.2	82
13	Copper-Doped Nano Laponite Coating on Poly(butylene Succinate) Scaffold with Antibacterial Properties and Cytocompatibility for Biomedical Application. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-11.	1.5	17
14	Flexible textile electrode with high areal capacity from hierarchical V ₂ O ₅ nanosheet arrays. <i>Journal of Power Sources</i> , 2017, 357, 71-76.	4.0	27
15	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. <i>Chemical Engineering Journal</i> , 2017, 326, 9-16.	6.6	29
16	Interface-engineered MoS ₂ /C nanosheet heterostructure arrays for ultra-stable sodium-ion batteries. <i>Chemical Engineering Science</i> , 2017, 174, 104-111.	1.9	60
17	Co ₃ O ₄ @CoS Core-Shell Nanosheets on Carbon Cloth for High Performance Supercapacitor Electrodes. <i>Materials</i> , 2017, 10, 608.	1.3	49
18	Construction of Hierarchical CuO/Cu ₂ O@NiCo ₂ S ₄ Nanowire Arrays on Copper Foam for High Performance Supercapacitor Electrodes. <i>Nanomaterials</i> , 2017, 7, 273.	1.9	38

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19	A Highly Flexible Supercapacitor Based on MnO ₂ /RGO Nanosheets and Bacterial Cellulose-Filled Gel Electrolyte. <i>Materials</i> , 2017, 10, 1251.	1.3	47
20	MnO ₂ /polyaniline hybrid nanostructures on carbon cloth for supercapacitor electrodes. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 1459-1467.	1.2	54
21	MnO ₂ nanoflakes/hierarchical porous carbon nanocomposites for high-performance supercapacitor electrodes. <i>Electrochimica Acta</i> , 2015, 164, 252-259.	2.6	73
22	MnO ₂ nanoflake/polyaniline nanorod hybrid nanostructures on graphene paper for high-performance flexible supercapacitor electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17165-17171.	5.2	109
23	Sculpturing metal foams toward bifunctional 3D copper oxide nanowire arrays for pseudo-capacitance and enzyme-free hydrogen peroxide detection. <i>Journal of Materials Chemistry A</i> , 2015, 3, 8734-8741.	5.2	45
24	Ultrafine V ₂ O ₃ Nanowire Embedded in Carbon Hybrids with Enhanced Lithium Storage Capability. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 2960-2965.	1.8	54
25	Ultrathin MnO ₂ nanoflakes grown on N-doped carbon nanoboxes for high-energy asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 21337-21342.	5.2	66
26	Effect of phenolic resin infiltration content on the structural and electrochemical properties of hierarchical porous carbons. <i>Journal of Materials Science</i> , 2014, 49, 7489-7496.	1.7	12
27	Morphology-controllable synthesis of MnO ₂ hollow nanospheres and their supercapacitive performance. <i>New Journal of Chemistry</i> , 2013, 37, 722.	1.4	68
28	Controlled synthesis of hierarchical polyaniline nanowires/ordered bimodal mesoporous carbon nanocomposites with high surface area for supercapacitor electrodes. <i>Journal of Power Sources</i> , 2013, 240, 544-550.	4.0	94
29	Controlled synthesis of mesoporous carbon nanosheets and their enhanced supercapacitive performance. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 1677-1684.	1.2	14
30	SYNTHESIS OF TITANATE/POLYPYRROLE COMPOSITE ROD-LIKE PARTICLES AND THE ROLE OF CONDUCTING POLYMER ON ELECTORRHEOLOGICAL EFFICIENCY. <i>International Journal of Modern Physics B</i> , 2012, 26, 1250007.	1.0	30
31	Interfacial Synthesis and Supercapacitive Performance of Hierarchical Sulfonated Carbon Nanotubes/Polyaniline Nanocomposites. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 3981-3987.	1.8	37
32	Synthesis, Characterization and Electrochemical Capacitance of Urchin-Like Hierarchical Polyaniline Microspheres. <i>Journal of Macromolecular Science - Physics</i> , 2012, 51, 897-905.	0.4	8
33	Effects of macropore size on structural and electrochemical properties of hierarchical porous carbons. <i>Journal of Materials Science</i> , 2012, 47, 6444-6450.	1.7	27
34	Fabrication of polyaniline/mesoporous carbon/MnO ₂ ternary nanocomposites and their enhanced electrochemical performance for supercapacitors. <i>Electrochimica Acta</i> , 2012, 71, 27-32.	2.6	75
35	Template-free synthesis of hollow poly(<i>o</i> -anisidine) microspheres and their electrorheological characteristics. <i>Smart Materials and Structures</i> , 2011, 20, 065014.	1.8	16
36	Synthesis and electrorheological characteristics of sea urchin-like TiO ₂ hollow spheres. <i>Colloid and Polymer Science</i> , 2011, 289, 799-805.	1.0	73

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37	Growth of polyaniline nanowhiskers on mesoporous carbon for supercapacitor application. Journal of Power Sources, 2011, 196, 7835-7840.	4.0	166
38	Electrorheological Properties of Suspensions of Polypyrrole Ribbon Particles in Silicone Oil. , 2011, , .		0
39	Electrical properties and morphology of highly conductive composites based on polypropylene and hybrid fillers. Journal of Industrial and Engineering Chemistry, 2010, 16, 10-14.	2.9	39
40	Synthesis and Structural and Electrical Characteristics of Polypyrrole Nanotube/TiO ₂ Hybrid Composites. Journal of Macromolecular Science - Physics, 2010, 49, 419-428.	0.4	11
41	Electrorheological characteristics of polyaniline/titanate composite nanotube suspensions. Colloid and Polymer Science, 2009, 287, 435-441.	1.0	100
42	Synthesis and electrorheological characteristics of titanate nanotube suspensions under oscillatory shear. Journal of Industrial and Engineering Chemistry, 2009, 15, 550-554.	2.9	17
43	Structural and electrorheological properties of mesoporous silica modified with triethanolamine. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 318, 169-174.	2.3	28
44	Surfactant-assisted polypyrrole/titanate composite nanofibers: Morphology, structure and electrical properties. Synthetic Metals, 2008, 158, 953-957.	2.1	62
45	Synthesis and Structural Characterization of Polyaniline/Mesoporous Carbon Nanocomposite. International Journal of Polymer Analysis and Characterization, 2008, 13, 25-36.	0.9	8
46	THE EFFECT OF POLYPYRROLE LOADING ON THE ELECTORRHEOLOGICAL PROPERTIES OF POLYPYRROLE/SBA-15 SUSPENSIONS. International Journal of Modern Physics B, 2007, 21, 5026-5032.	1.0	3
47	INCREASING ELECTORRHEOLOGICAL RESPONSE OF PARTICLES: THE EFFECT OF CONDUCTIVE POLYMER. International Journal of Modern Physics B, 2007, 21, 4883-4889.	1.0	5
48	Facile fabrication and characterization of novel polyaniline/titanate composite nanotubes directed by block copolymer. European Polymer Journal, 2007, 43, 3780-3786.	2.6	27
49	THE EFFECT OF POLYPYRROLE LOADING ON THE ELECTORRHEOLOGICAL PROPERTIES OF POLYPYRROLE/SBA-15 SUSPENSIONS. , 2007, , .		0
50	Surface-modified antibacterial TiO ₂ /Ag ⁺ nanoparticles: Preparation and properties. Applied Surface Science, 2006, 252, 4154-4160.	3.1	212
51	Conducting polypyrrole confined in ordered mesoporous silica SBA-15 channels: Preparation and its electrorheology. Microporous and Mesoporous Materials, 2006, 93, 263-269.	2.2	88
52	Electrorheological properties of new mesoporous material with conducting polypyrrole in mesoporous silica. Microporous and Mesoporous Materials, 2006, 94, 193-199.	2.2	57
53	Synthesis and structural properties of polypyrrole/nano-Y ₂ O ₃ conducting composite. Applied Surface Science, 2006, 253, 1736-1740.	3.1	59
54	Preparation and electrorheology of new mesoporous polypyrrole/MCM-41 suspensions. Journal of Materials Science, 2006, 41, 5047-5049.	1.7	20

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55	Synthesis and characterization of new mesoporous material with conducting polypyrrole confined in mesoporous silica. <i>Materials Chemistry and Physics</i> , 2006, 98, 504-508.	2.0	54