Chun-Zhong Li

List of Publications by Year
in descending order

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610	38,239	3325	4978
papers	citations	91 h-index	167 g-index

619	619	619	39068
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Graphene quantum dots: emergent nanolights for bioimaging, sensors, catalysis and photovoltaic devices. Chemical Communications, 2012, 48, 3686.	2.2	1,845
2	3D carbon based nanostructures for advanced supercapacitors. Energy and Environmental Science, 2013, 6, 41-53.	15.6	1,389
3	Advanced Energy Storage Devices: Basic Principles, Analytical Methods, and Rational Materials Design. Advanced Science, 2018, 5, 1700322.	5.6	1,043
4	Facile preparation and upconversion luminescence of graphene quantum dots. Chemical Communications, 2011, 47, 2580-2582.	2.2	734
5	Mesoporous Carbon Incorporated Metal Oxide Nanomaterials as Supercapacitor Electrodes. Advanced Materials, 2012, 24, 4197-4202.	11.1	548
6	Hierarchical porous NiCo2O4 nanowires for high-rate supercapacitors. Chemical Communications, 2012, 48, 4465.	2.2	544
7	Preparation of grapheneâ€“TiO₂composites with enhanced photocatalytic activity. New Journal of Chemistry, 2011, 35, 353-359.	1.4	538
8	Cobalt nanoparticles embedded in N-doped carbon as an efficient bifunctional electrocatalyst for oxygen reduction and evolution reactions. Nanoscale, 2014, 6, 15080-15089.	2.8	509
9	2D Monolayer MoS₂â€“Carbon Interoverlapped Superstructure: Engineering Ideal Atomic Interface for Lithium Ion Storage. Advanced Materials, 2015, 27, 3687-3695.	11.1	504
10	Facile Ultrasonic Synthesis of CoO Quantum Dot/Graphene Nanosheet Composites with High Lithium Storage Capacity. ACS Nano, 2012, 6, 1074-1081.	7.3	475
11	One-pot hydrothermal synthesis of graphenequantum dots surface-passivated by polyethylene glycol and their photoelectric conversion under near-infrared light. New Journal of Chemistry, 2012, 36, 97-101.	1.4	460
12	Transition metals (Fe, Co, and Ni) encapsulated in nitrogen-doped carbon nanotubes as bi-functional catalysts for oxygen electrode reactions. Journal of Materials Chemistry A, 2016, 4, 1694-1701.	5.2	460
13	Interface Engineering of Hierarchical Branched Moâ€Doped Ni₃S₂/Ni_xP_y Hollow Heterostructure Nanorods for Efficient Overall Water Splitting. Advanced Energy Materials, 2020, 10, 1903891.	10.2	443
14	Hierarchical self-assembly of ultrathin nickel hydroxide nanoflakes for high-performance supercapacitors. Journal of Materials Chemistry, 2011, 21, 3818.	6.7	430
15	Rational Design of MnO/Carbon Nanopeapods with Internal Void Space for High-Rate and Long-Life Li-Ion Batteries. ACS Nano, 2014, 8, 6038-6046.	7.3	420
16	Heteroatom-doped carbon dots: synthesis, characterization, properties, photoluminescence mechanism and biological applications. Journal of Materials Chemistry B, 2016, 4, 7204-7219.	2.9	396
17	A novel hydrogen peroxide biosensor based on Auâ€“grapheneâ€“HRPâ€“chitosan biocomposites. Electrochimica Acta, 2010, 55, 3055-3060.	2.6	358
18	3D Ordered Macroporous MoS₂@C Nanostructure for Flexible Liâ€Ion Batteries. Advanced Materials, 2017, 29, 1603020.	11.1	350

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19	Heterogeneous interface engineered atomic configuration on ultrathin Ni(OH)2/Ni3S2 nanoforests for efficient water splitting. Applied Catalysis B: Environmental, 2019, 242, 60-66.	10.8	332
20	Highâ€“rate electrochemical capacitors from highly graphitic carbonâ€“tipped manganese oxide/mesoporous carbon/manganese oxide hybrid nanowires. Energy and Environmental Science, 2011, 4, 1813.	15.6	315
21	An investigation on tribological properties of graphite nanosheets as oil additive. Wear, 2006, 261, 140-144.	1.5	298
22	Carbon dots as fluorescent probes for â€œoffâ€“onâ€•detection of Cu2+ and l-cysteine in aqueous solution. Biosensors and Bioelectronics, 2014, 51, 330-335.	5.3	278
23	A green and high energy density asymmetric supercapacitor based on ultrathin MnO₂nanostructures and functional mesoporous carbon nanotube electrodes. Nanoscale, 2012, 4, 807-812.	2.8	276
24	Synthesis of photoluminescent carbogenic dots using mesoporous silica spheres as nanoreactors. Chemical Communications, 2011, 47, 764-766.	2.2	273
25	Iron Carbide Nanoparticles Encapsulated in Mesoporous Feâ€“N-Doped Graphene-Like Carbon Hybrids as Efficient Bifunctional Oxygen Electrocatalysts. ACS Applied Materials & Interfaces, 2015, 7, 21511-21520.	4.0	262
26	High-performance supercapacitor material based on Ni(OH)2 nanowire-MnO2 nanoflakes coreâ€“shell nanostructures. Chemical Communications, 2012, 48, 2606.	2.2	244
27	Enriched graphitic N-doped carbon-supported Fe₃O₄ nanoparticles as efficient electrocatalysts for oxygen reduction reaction. Journal of Materials Chemistry A, 2014, 2, 7281-7287.	5.2	235
28	Ultrafine manganese dioxidenanowire network for high-performance supercapacitors. Chemical Communications, 2011, 47, 1264-1266.	2.2	224
29	Synthesis and optical properties of TiO2 nanoparticles. Materials Letters, 2007, 61, 79-83.	1.3	216
30	Higher charge/discharge rates of lithium-ions across engineered TiO2 surfaces leads to enhanced battery performance. Chemical Communications, 2010, 46, 6129.	2.2	216
31	Surface-modified antibacterial TiO2/Ag+ nanoparticles: Preparation and properties. Applied Surface Science, 2006, 252, 4154-4160.	3.1	212
32	Zn-doped TiO2 nanoparticles with high photocatalytic activity synthesized by hydrogenâ€“oxygen diffusion flame. Applied Catalysis B: Environmental, 2008, 79, 208-215.	10.8	209
33	Atomic heterointerface engineering overcomes the activity limitation of electrocatalysts and promises highly-efficient alkaline water splitting. Energy and Environmental Science, 2021, 14, 5228-5259.	15.6	198
34	2D Nanospace Confined Synthesis of Pseudocapacitanceâ€Dominated MoS₂â€inâ€Ti₃C₂ Superstructure for Ultrafast and Stable Li/Naâ€Ion Batteries. Advanced Functional Materials, 2018, 28, 1804306.	7.8	194
35	Fluorination-enabled Reconstruction of NiFe Electrocatalysts for Efficient Water Oxidation. Nano Letters, 2021, 21, 492-499.	4.5	190
36	Ultra-thin anatase TiO₂nanosheets dominated with {001} facets: thickness-controlled synthesis, growth mechanism and water-splitting properties. CrystEngComm, 2011, 13, 1378-1383.	1.3	189

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37	Rapid degradation of methylene blue in a novel heterogeneous Fe3O4â€‰@rGO@TiO2-catalyzed photo-Fenton system. Scientific Reports, 2015, 5, 10632.	1.6	186
38	Hydrothermal synthesis of novel Mn3O4 nano-octahedrons with enhanced supercapacitors performances. Nanoscale, 2010, 2, 2195.	2.8	184
39	In-situ enriching active sites on co-doped Fe-Co4N@N-C nanosheet array as air cathode for flexible rechargeable Zn-air batteries. Applied Catalysis B: Environmental, 2019, 256, 117893.	10.8	184
40	In situ assembly of graphene sheets-supported SnS2 nanoplates into 3D macroporous aerogels for high-performance lithium ion batteries. Journal of Power Sources, 2013, 237, 178-186.	4.0	182
41	Nitrogen and Phosphorus Dualâ€Doped Hierarchical Porous Carbon Foams as Efficient Metalâ€Free Electrocatalysts for Oxygen Reduction Reactions. Chemistry - A European Journal, 2014, 20, 3106-3112.	1.7	179
42	Highly efficient reusable catalyst based on silicon nanowire arrays decorated with copper nanoparticles. Journal of Materials Chemistry A, 2014, 2, 9040.	5.2	170
43	Growth of polyaniline nanowhiskers on mesoporous carbon for supercapacitor application. Journal of Power Sources, 2011, 196, 7835-7840.	4.0	166
44	Highly Stretchable Conductors Integrated with a Conductive Carbon Nanotube/Graphene Network and 3D Porous Poly(dimethylsiloxane). Advanced Functional Materials, 2014, 24, 7548-7556.	7.8	162
45	Anatase TiO₂ Crystals with Exposed Highâ€Index Facets. Angewandte Chemie - International Edition, 2011, 50, 3764-3768.	7.2	159
46	Unsaturated Sulfur Edge Engineering of Strongly Coupled MoS₂ Nanosheetâ€“Carbon Macroporous Hybrid Catalyst for Enhanced Hydrogen Generation. Advanced Energy Materials, 2019, 9, 1802553.	10.2	159
47	Flame sprayed V-doped TiO2 nanoparticles with enhanced photocatalytic activity under visible light irradiation. Chemical Engineering Journal, 2009, 151, 220-227.	6.6	157
48	Hydrothermal Stability of {001} Faceted Anatase TiO₂. Chemistry of Materials, 2011, 23, 3486-3494.	3.2	157
49	Polyanilineâ€“MnO2 coaxial nanofiber with hierarchical structure for high-performance supercapacitors. Journal of Materials Chemistry, 2012, 22, 16939.	6.7	157
50	Synthesis of poly(aniline-co-o-anisidine)-intercalated graphite oxide composite by delamination/reassembling method. Carbon, 2005, 43, 2564-2570.	5.4	155
51	One-pot preparation of graphene/Fe3O4 composites by a solvothermal reaction. New Journal of Chemistry, 2010, 34, 2950.	1.4	154
52	Surface enrichment and diffusion enabling gradient-doping and coating of Ni-rich cathode toward Li-ion batteries. Nature Communications, 2021, 12, 4564.	5.8	153
53	Hollow mesoporous NiCo₂O₄ nanocages as efficient electrocatalysts for oxygen evolution reaction. Dalton Transactions, 2015, 44, 4148-4154.	1.6	151
54	Synthesis and optical characterization of Co3O4 nanocrystals. Journal of Crystal Growth, 2007, 304, 369-373.	0.7	149

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55	In situ surface hydrogenation synthesis of Ti³⁺ self-doped TiO₂ with enhanced visible light photoactivity. Nanoscale, 2014, 6, 9078-9084.	2.8	149
56	Electric Papers of Graphene-Coated Co₃O₄ Fibers for High-Performance Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2013, 5, 997-1002.	4.0	145
57	One-step preparation, characterization and visible-light photocatalytic activity of Cr-doped TiO2 with anatase and rutile bicrystalline phases. Chemical Engineering Journal, 2012, 191, 402-409.	6.6	139
58	Room-Temperature Synthesis of Mn-Doped Cesium Lead Halide Quantum Dots with High Mn Substitution Ratio. Journal of Physical Chemistry Letters, 2017, 8, 4167-4171.	2.1	139
59	CsPbBr₃ Perovskite Quantum Dots-Based Monolithic Electrospun Fiber Membrane as an Ultrastable and Ultrasensitive Fluorescent Sensor in Aqueous Medium. Journal of Physical Chemistry Letters, 2016, 7, 4253-4258.	2.1	137
60	Hierarchical porous nanostructures assembled from ultrathin MnO₂nanoflakes with enhanced supercapacitive performances. Journal of Materials Chemistry, 2012, 22, 2751-2756.	6.7	135
61	Multifunctional Magnetic Composite Microspheres with in Situ Growth Au Nanoparticles: A Highly Efficient Catalyst System. Journal of Physical Chemistry C, 2011, 115, 1614-1619.	1.5	132
62	Flexible 3D porous CuO nanowire arrays for enzymeless glucose sensing: in situ engineered versus ex situ piled. Nanoscale, 2015, 7, 559-569.	2.8	131
63	Preparation and physicochemical properties of a novel hydroxyapatite/chitosanâ€“silk fibroin composite. Carbohydrate Polymers, 2007, 68, 740-745.	5.1	130
64	Confined Synthesis of FeS₂ Nanoparticles Encapsulated in Carbon Nanotube Hybrids for Ultrastable Lithium-Ion Batteries. ACS Sustainable Chemistry and Engineering, 2016, 4, 4251-4255.	3.2	126
65	Fabrication and electrochemical characterization of polyaniline nanorods modified with sulfonated carbon nanotubes for supercapacitor applications. Electrochimica Acta, 2011, 56, 1366-1372.	2.6	125
66	Dispersed CuO Nanoparticles on a Silicon Nanowire for Improved Performance of Nonenzymatic H₂O₂ Detection. ACS Applied Materials & Interfaces, 2014, 6, 7055-7062.	4.0	123
67	Moâ€Based Ultrasmall Nanoparticles on Hierarchical Carbon Nanosheets for Superior Lithium Ion Storage and Hydrogen Generation Catalysis. Advanced Energy Materials, 2017, 7, 1602782.	10.2	123
68	Effects of surface modification of fumed silica on interfacial structures and mechanical properties of poly(vinyl chloride) composites. European Polymer Journal, 2006, 42, 1643-1652.	2.6	122
69	Electrocatalytic Oxidation of Glucose by the Glucose Oxidase Immobilized in Grapheneâ€Auâ€Nafion Biocomposite. Electroanalysis, 2010, 22, 259-264.	1.5	122
70	Ultrasound-Triggered Smart Drug Release from Multifunctional Coreâ^'Shell Capsules One-Step Fabricated by Coaxial Electrospray Method. Langmuir, 2011, 27, 1175-1180.	1.6	119
71	Enhanced visible light photocatalytic activity of interlayer-isolated triplex Ag@SiO2@TiO2 coreâ€“shell nanoparticles. Nanoscale, 2013, 5, 3359.	2.8	119
72	Phosphorus-driven mesoporous Co3O4 nanosheets with tunable oxygen vacancies for the enhanced oxygen evolution reaction. Electrochimica Acta, 2018, 259, 962-967.	2.6	119

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73	Highly conductive and stretchable polymer composites based on graphene/MWCNT network. Chemical Communications, 2013, 49, 1612.	2.2	114
74	Activated nitrogen-doped carbon nanofibers with hierarchical pore as efficient oxygen reduction reaction catalyst for microbial fuel cells. Journal of Power Sources, 2014, 266, 36-42.	4.0	113
75	Tailored graphene-encapsulated mesoporous Co3O4 composite microspheres for high-performance lithium ion batteries. Journal of Materials Chemistry, 2012, 22, 17278.	6.7	112
76	Highly conductive and flexible polymer composites with improved mechanical and electromagnetic interference shielding performances. Nanoscale, 2014, 6, 3796-3803.	2.8	111
77	MnO₂ nanoflake/polyaniline nanorod hybrid nanostructures on graphene paper for high-performance flexible supercapacitor electrodes. Journal of Materials Chemistry A, 2015, 3, 17165-17171.	5.2	109
78	Rheological Behavior of Titanium Dioxide Suspensions. Journal of Colloid and Interface Science, 2001, 236, 96-103.	5.0	107
79	Controlled Synthesis of Ultrathin Hollow Mesoporous Carbon Nanospheres for Supercapacitor Applications. Industrial & Engineering Chemistry Research, 2014, 53, 3125-3130.	1.8	106
80	Dynamically Formed Surfactant Assembly at the Electrified Electrodeâ€“Electrolyte Interface Boosting CO₂ Electroreduction. Journal of the American Chemical Society, 2022, 144, 6613-6622.	6.6	106
81	Fabrication of Highly Stretchable Conductors Based on 3D Printed Porous Poly(dimethylsiloxane) and Conductive Carbon Nanotubes/Graphene Network. ACS Applied Materials & Interfaces, 2016, 8, 2187-2192.	4.0	104
82	Nanostructured Ternary Nanocomposite of rGO/CNTs/MnO₂ for High-Rate Supercapacitors. ACS Sustainable Chemistry and Engineering, 2014, 2, 70-74.	3.2	102
83	2D MoS₂/polyaniline heterostructures with enlarged interlayer spacing for superior lithium and sodium storage. Journal of Materials Chemistry A, 2017, 5, 5383-5389.	5.2	102
84	Flexible hemispheric microarrays of highly pressure-sensitive sensors based on breath figure method. Nanoscale, 2018, 10, 10691-10698.	2.8	102
85	Interfacial structures and mechanical properties of PVC composites reinforced by CaCO3 with different particle sizes and surface treatments. Polymer International, 2006, 55, 158-164.	1.6	100
86	Electrorheological characteristics of polyaniline/titanate composite nanotube suspensions. Colloid and Polymer Science, 2009, 287, 435-441.	1.0	100
87	BiPO₄â€Derived 2D Nanosheets for Efficient Electrocatalytic Reduction of CO₂ to Liquid Fuel. Angewandte Chemie - International Edition, 2021, 60, 7681-7685.	7.2	98
88	Morphology and properties of ultrafine SnO2â€“TiO2 coupled semiconductor particles. Materials Chemistry and Physics, 2000, 62, 62-67.	2.0	97
89	CoP nanoparticles anchored on N,P-dual-doped graphene-like carbon as a catalyst for water splitting in non-acidic media. Nanoscale, 2018, 10, 2603-2612.	2.8	96
90	2D nanosheets-based novel architectures: Synthesis, assembly and applications. Nano Today, 2016, 11, 483-520.	6.2	95

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91	The pivotal effect of the interaction between reactant and anatase TiO2 nanosheets with exposed {0 0 1} facets on photocatalysis for the photocatalytic purification of VOCs. Applied Catalysis B: Environmental, 2016, 181, 625-634.	10.8	95
92	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.	4.0	94
93	A Highly Efficient Catalyst toward Oxygen Reduction Reaction in Neutral Media for Microbial Fuel Cells. Industrial & Engineering Chemistry Research, 2013, 52, 6076-6082.	1.8	93
94	Promoting CO2 methanation via ligand-stabilized metal oxide clusters as hydrogen-donating motifs. Nature Communications, 2020, 11, 6190.	5.8	93
95	Multifunctional Fe₃O₄@Ag/SiO₂/Au Coreâ€“Shell Microspheres as a Novel SERS-Activity Label via Long-Range Plasmon Coupling. Langmuir, 2013, 29, 690-695.	1.6	92
96	Interfacial charge polarization in Co2P2O7@N, P co-doped carbon nanocages as Mott-Schottky electrocatalysts for accelerating oxygen evolution reaction. Applied Catalysis B: Environmental, 2020, 268, 118417.	10.8	90
97	Synthesis and characterization of polypyrrole/graphite oxide composite by in situ emulsion polymerization. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 1329-1335.	2.4	89
98	Synthesis and photocatalysis of hierarchical heteroassemblies of ZnO branched nanorod arrays on Ag core nanowires. Nanoscale, 2012, 4, 5895.	2.8	89
99	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
100	Planar scattering from hierarchical anatase TiO2 nanoplates with variable shells to improve light harvesting in dye-sensitized solar cells. Chemical Communications, 2011, 47, 5046.	2.2	87
101	Low-temperature processed In2S3 electron transport layer for efficient hybrid perovskite solar cells. Nano Energy, 2017, 36, 102-109.	8.2	87
102	Iron oxide containing graphene/carbon nanotube based carbon aerogel as an efficient E-Fenton cathode for the degradation of methyl blue. Electrochimica Acta, 2016, 200, 75-83.	2.6	86
103	Synergetic effects of nitrogen doping and Au loading on enhancing the visible-light photocatalytic activity of nano-TiO2. Catalysis Communications, 2009, 10, 925-929.	1.6	85
104	A three-dimensional ordered mesoporous carbon/carbon nanotubes nanocomposites for supercapacitors. Journal of Power Sources, 2014, 246, 402-408.	4.0	85
105	Faceâ€toâ€Face Contact and Openâ€Void Coinvolved Si/C Nanohybrids Lithiumâ€Ion Battery Anodes with Extremely Long Cycle Life. Advanced Functional Materials, 2015, 25, 5395-5401.	7.8	85
106	Sprayâ€Assisted Coilâ€“Globule Transition for Scalable Preparation of Waterâ€Resistant CsPbBr₃@PMMA Perovskite Nanospheres with Application in Live Cell Imaging. Small, 2018, 14, e1803156.	5.2	85
107	Acetate-derived ZnO ultrafine particles synthesized by spray pyrolysis. Powder Technology, 1998, 100, 20-23.	2.1	83
108	Highly dual-doped multilayer nanoporous graphene: efficient metal-free electrocatalysts for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2015, 3, 12642-12645.	5.2	83

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109	Multimetallic Niâ€“Mo/Cu nanowires as nonprecious and efficient full water splitting catalyst. Journal of Materials Chemistry A, 2017, 5, 4207-4214.	5.2	83
110	Hunting ionic liquids with large electrochemical potential windows. AICHE Journal, 2019, 65, 804-810.	1.8	83
111	Combustion synthesis and photoluminescence of nanocrystals with addition. Journal of Crystal Growth, 2006, 289, 400-404.	0.7	81
112	A Bandâ€Edge Potential Gradient Heterostructure to Enhance Electron Extraction Efficiency of the Electron Transport Layer in Highâ€Performance Perovskite Solar Cells. Advanced Functional Materials, 2017, 27, 1700878.	7.8	81
113	Interface-strengthened CoP nanosheet array with Co2P nanoparticles as efficient electrocatalysts for overall water splitting. Journal of Energy Chemistry, 2019, 37, 1-6.	7.1	81
114	Amperometric glutamate biosensor based on self-assembling glutamate dehydrogenase and dendrimer-encapsulated platinum nanoparticles onto carbon nanotubes. Talanta, 2007, 73, 438-443.	2.9	80
115	Solution-Phase Synthesis of Spherical Zinc Sulfide Nanostructures. Langmuir, 2006, 22, 1329-1332.	1.6	79
116	Upconversion fluorescent strip sensor for rapid determination of Vibrio anguillarum. Nanoscale, 2014, 6, 3804-3809.	2.8	79
117	3D nitrogen-doped graphene foams embedded with ultrafine TiO2 nanoparticles for high-performance lithium-ion batteries. Journal of Materials Chemistry A, 2014, 2, 11124.	5.2	78
118	Graphene/carbon-coated Fe₃O₄ nanoparticle hybrids for enhanced lithium storage. Journal of Materials Chemistry A, 2015, 3, 2361-2369.	5.2	78
119	Continuous oxygen vacancy engineering of the Co₃O₄ layer for an enhanced alkaline electrocatalytic hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 13506-13510.	5.2	78
120	Fluorine-triggered surface reconstruction of Ni3S2 electrocatalysts towards enhanced water oxidation. Chemical Engineering Journal, 2021, 411, 128488.	6.6	78
121	Biosensor Based on Self-Assembling Glucose Oxidase and Dendrimer-Encapsulated Pt Nanoparticles on Carbon Nanotubes for Glucose Detection. Electroanalysis, 2007, 19, 717-722.	1.5	77
122	Perovskite quantum dots encapsulated in electrospun fiber membranes as multifunctional supersensitive sensors for biomolecules, metal ions and pH. Nanoscale Horizons, 2017, 2, 225-232.	4.1	77
123	Preparation and Application of Mediatorâ€Free H₂O₂ Biosensors of Grapheneâ€Fe₃O₄ Composites. Electroanalysis, 2011, 23, 862-869.	1.5	75
124	Fabrication of polyaniline/mesoporous carbon/MnO2 ternary nanocomposites and their enhanced electrochemical performance for supercapacitors. Electrochimica Acta, 2012, 71, 27-32.	2.6	75
125	Facile synthesis of copper doped carbon dots and their application as a â€œturn-offâ€•fluorescent probe in the detection of Fe³⁺ ions. RSC Advances, 2016, 6, 28745-28750.	1.7	75
126	Synthesis and electrorheological characteristics of sea urchin-like TiO2 hollow spheres. Colloid and Polymer Science, 2011, 289, 799-805.	1.0	73

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127	Mesoporous single crystals Li₄Ti₅O₁₂ grown on rGO as high-rate anode materials for lithium-ion batteries. Chemical Communications, 2014, 50, 8856-8859.	2.2	73
128	MnO2 nanoflakes/hierarchical porous carbon nanocomposites for high-performance supercapacitor electrodes. Electrochimica Acta, 2015, 164, 252-259.	2.6	73
129	Lightâ€Motivated SnO₂/TiO₂ Heterojunctions Enabling the Breakthrough in Energy Density for Lithiumâ€Ion Batteries. Advanced Materials, 2021, 33, e2103558.	11.1	73
130	Formation of polymer/carbon nanotubes nano-hybrid shishâ€“kebab via non-isothermal crystallization. Polymer, 2009, 50, 3835-3840.	1.8	72
131	Tailorable surface sulfur chemistry of mesoporous Ni₃S₂ particles for efficient oxygen evolution. Journal of Materials Chemistry A, 2019, 7, 7548-7552.	5.2	72
132	Shape-controlled synthesis of CeOHCO3 and CeO2 microstructures. Journal of Crystal Growth, 2007, 307, 386-394.	0.7	71
133	Multifunctional Fe₃O₄@TiO₂@Au magnetic microspheres as recyclable substrates for surface-enhanced Raman scattering. Nanoscale, 2014, 6, 5971-5979.	2.8	71
134	Positively charged Pt-based cocatalysts: an orientation for achieving efficient photocatalytic water splitting. Journal of Materials Chemistry A, 2020, 8, 17-26.	5.2	71
135	Large-Scaled, Uniform, Monodispersed ZnO Colloidal Microspheres. Journal of Physical Chemistry C, 2008, 112, 12138-12141.	1.5	70
136	Few-layer MoS2 nanosheets incorporated into hierarchical porous carbon for lithium-ion batteries. Chemical Engineering Journal, 2016, 288, 179-184.	6.6	69
137	Morphology-controllable synthesis of MnO2 hollow nanospheres and their supercapacitive performance. New Journal of Chemistry, 2013, 37, 722.	1.4	68
138	Reciprocal hybridization of MoO₂ nanoparticles and few-layer MoS₂ for stable lithium-ion batteries. Chemical Communications, 2015, 51, 13838-13841.	2.2	67
139	In-situ SERS monitoring of reaction catalyzed by multifunctional Fe3O4@TiO2@Ag-Au microspheres. Applied Catalysis B: Environmental, 2017, 205, 11-18.	10.8	67
140	Towards high-performance all-solid-state asymmetric supercapacitors: A hierarchical doughnut-like Ni3S2@PPy coreâ"shell heterostructure on nickel foam electrode and density functional theory calculations. Journal of Power Sources, 2021, 501, 230003.	4.0	67
141	Functional mesoporous carbon nanotubes and their integration in situ with metal nanocrystals for enhanced electrochemical performances. Chemical Communications, 2011, 47, 8590.	2.2	66
142	Irradiation preparation of reduced graphene oxide/carbon nanotube composites for high-performance supercapacitors. Journal of Power Sources, 2014, 245, 436-444.	4.0	66
143	Ultrathin MnO₂ nanoflakes grown on N-doped carbon nanoboxes for high-energy asymmetric supercapacitors. Journal of Materials Chemistry A, 2015, 3, 21337-21342.	5.2	66
144	Immobilization of horseradish peroxidase in three-dimensional macroporous TiO2 matrices for biosensor applications. Electrochimica Acta, 2009, 54, 2823-2827.	2.6	65

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145	Boosting reaction kinetics and reversibility in Mott-Schottky VS2/MoS2 heterojunctions for enhanced lithium storage. Science Bulletin, 2020, 65, 1470-1478.	4.3	64
146	Metal-enhanced fluorescence of carbon dots adsorbed Ag@SiO2 core-shell nanoparticles. RSC Advances, 2012, 2, 1765.	1.7	63
147	Hollow LiMn₂O₄ Nanocones as Superior Cathode Materials for Lithiumâ€Ion Batteries with Enhanced Power and Cycle Performances. Small, 2014, 10, 1096-1100.	5.2	63
148	Kirigami-patterned highly stretchable conductors from flexible carbon nanotube-embedded polymer films. Journal of Materials Chemistry C, 2017, 5, 8714-8722.	2.7	63
149	Integrated Reference Electrodes in Anion-Exchange-Membrane Electrolyzers: Impact of Stainless-Steel Gas-Diffusion Layers and Internal Mechanical Pressure. ACS Energy Letters, 2021, 6, 305-312.	8.8	63
150	Facile flame synthesis and photoluminescent properties of core/shell TiO2/SiO2 nanoparticles. Journal of Alloys and Compounds, 2007, 432, L5-L9.	2.8	62
151	Surfactant-assisted polypyrrole/titanate composite nanofibers: Morphology, structure and electrical properties. Synthetic Metals, 2008, 158, 953-957.	2.1	62
152	In Situ Loading of Cu₂O Active Sites on Island-like Copper for Efficient Electrochemical Reduction of Nitrate to Ammonia. ACS Applied Materials & Interfaces, 2022, 14, 6680-6688.	4.0	62
153	Hierarchical porous CoS2 microboxes for efficient oxygen evolution reaction. Electrochimica Acta, 2018, 278, 219-225.	2.6	61
154	Amperometric biosensor based on carbon nanotubes coated with polyaniline/dendrimer-encapsulated Pt nanoparticles for glucose detection. Materials Science and Engineering C, 2009, 29, 1306-1310.	3.8	60
155	Interface-engineered MoS2/C nanosheet heterostructure arrays for ultra-stable sodium-ion batteries. Chemical Engineering Science, 2017, 174, 104-111.	1.9	60
156	Synthesis and structural properties of polypyrrole/nano-Y 2 O 3 conducting composite. Applied Surface Science, 2006, 253, 1736-1740.	3.1	59
157	Hierarchical interconnected macro-/mesoporous Co-containing N-doped carbon for efficient oxygen reduction reactions. Journal of Materials Chemistry A, 2013, 1, 12074.	5.2	59
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