

Chang Ming Li

List of Publications by Year in descending order

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955
papers

62,515
citations

1094

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971
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docs citations

971
times ranked

60842
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon-Based Dots Co-doped with Nitrogen and Sulfur for High Quantum Yield and Excitation-Independent Emission. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7800-7804.	7.2	1,872
2	Self-Assembled TiO ₂ Graphene Hybrid Nanostructures for Enhanced Li-Ion Insertion. <i>ACS Nano</i> , 2009, 3, 907-914.	7.3	1,596
3	Atomically dispersed Ni(i) as the active site for electrochemical CO ₂ reduction. <i>Nature Energy</i> , 2018, 3, 140-147.	19.8	1,594
4	Constructing Hierarchical Spheres from Large Ultrathin Anatase TiO ₂ Nanosheets with Nearly 100% Exposed (001) Facets for Fast Reversible Lithium Storage. <i>Journal of the American Chemical Society</i> , 2010, 132, 6124-6130.	6.6	1,215
5	Simultaneous Fenton-like Ion Delivery and Glutathione Depletion by MnO ₂ -Based Nanoagent to Enhance Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4902-4906.	7.2	1,068
6	Designed Synthesis of Coaxial SnO ₂ @carbon Hollow Nanospheres for Highly Reversible Lithium Storage. <i>Advanced Materials</i> , 2009, 21, 2536-2539.	11.1	1,013
7	High-Throughput Synthesis of Single-Layer MoS ₂ Nanosheets as a Near-Infrared Photothermal-Triggered Drug Delivery for Effective Cancer Therapy. <i>ACS Nano</i> , 2014, 8, 6922-6933.	7.3	813
8	Ternary Self-Assembly of Ordered Metal Oxide Graphene Nanocomposites for Electrochemical Energy Storage. <i>ACS Nano</i> , 2010, 4, 1587-1595.	7.3	795
9	A polycationic antimicrobial and biocompatible hydrogel with microbe membrane suctioning ability. <i>Nature Materials</i> , 2011, 10, 149-156.	13.3	701
10	Layered Graphene/Quantum Dots for Photovoltaic Devices. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3014-3017.	7.2	626
11	Carbon nanotube/polyaniline composite as anode material for microbial fuel cells. <i>Journal of Power Sources</i> , 2007, 170, 79-84.	4.0	564
12	One-step and high yield simultaneous preparation of single- and multi-layer graphene quantum dots from CX-72 carbon black. <i>Journal of Materials Chemistry</i> , 2012, 22, 8764.	6.7	546
13	Zinc oxide nanocomb biosensor for glucose detection. <i>Applied Physics Letters</i> , 2006, 88, 233106.	1.5	528
14	Nanoporous metals: fabrication strategies and advanced electrochemical applications in catalysis, sensing and energy systems. <i>Chemical Society Reviews</i> , 2012, 41, 7016.	18.7	446
15	New Nanocomposite Materials Reinforced with Flax Cellulose Nanocrystals in Waterborne Polyurethane. <i>Biomacromolecules</i> , 2007, 8, 899-904.	2.6	445
16	Synergistic antibacterial effects of β -lactam antibiotic combined with silver nanoparticles. <i>Nanotechnology</i> , 2005, 16, 1912-1917.	1.3	435
17	Seed-assisted synthesis of highly ordered TiO ₂ @Fe ₂ O ₃ core/shell arrays on carbon textiles for lithium-ion battery applications. <i>Energy and Environmental Science</i> , 2012, 5, 6559.	15.6	421
18	New Nanostructured TiO ₂ for Direct Electrochemistry and Glucose Sensor Applications. <i>Advanced Functional Materials</i> , 2008, 18, 591-599.	7.8	416

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19	Enzymatic glucose biosensor based on ZnO nanorod array grown by hydrothermal decomposition. <i>Applied Physics Letters</i> , 2006, 89, 123902.	1.5	415
20	Nanoelectronic biosensors based on CVD grown graphene. <i>Nanoscale</i> , 2010, 2, 1485.	2.8	408
21	Self-assembly of DNA Nanohydrogels with Controllable Size and Stimuli-Responsive Property for Targeted Gene Regulation Therapy. <i>Journal of the American Chemical Society</i> , 2015, 137, 1412-1415.	6.6	406
22	Assembly of Graphene Sheets into Hierarchical Structures for High-Performance Energy Storage. <i>ACS Nano</i> , 2011, 5, 3831-3838.	7.3	382
23	Nanostructured Polyaniline/Titanium Dioxide Composite Anode for Microbial Fuel Cells. <i>ACS Nano</i> , 2008, 2, 113-119.	7.3	381
24	Chemically Exfoliating Biomass into a Graphene-like Porous Active Carbon with Rational Pore Structure, Good Conductivity, and Large Surface Area for High-Performance Supercapacitors. <i>Advanced Energy Materials</i> , 2018, 8, 1702545.	10.2	367
25	Layered Double Hydroxide-based Nanomaterials as Highly Efficient Catalysts and Adsorbents. <i>Small</i> , 2014, 10, 4469-4486.	5.2	363
26	A self-assembled hierarchical nanostructure comprising carbon spheres and graphene nanosheets for enhanced supercapacitor performance. <i>Energy and Environmental Science</i> , 2011, 4, 4504.	15.6	349
27	Catalytic behavior of supported Ru nanoparticles on the {1 0 0}, {1 1 0}, and {1 1 1} facet of CeO ₂ . <i>Journal of Catalysis</i> , 2015, 329, 177-186.	3.1	333
28	Multifunctional CuO nanowire devices: p-type field effect transistors and CO gas sensors. <i>Nanotechnology</i> , 2009, 20, 085203.	1.3	323
29	Biomolecule-assisted synthesis of cobalt sulfide nanowires for application in supercapacitors. <i>Journal of Power Sources</i> , 2008, 180, 676-681.	4.0	315
30	Graphene/carbon cloth anode for high-performance mediatorless microbial fuel cells. <i>Bioresource Technology</i> , 2012, 114, 275-280.	4.8	307
31	A Hierarchically Nanostructured Composite of MnO ₂ /Conjugated Polymer/Graphene for High-Performance Lithium Ion Batteries. <i>Advanced Energy Materials</i> , 2011, 1, 736-741.	10.2	279
32	Silk fabric-based wearable thermoelectric generator for energy harvesting from the human body. <i>Applied Energy</i> , 2016, 164, 57-63.	5.1	272
33	±-Fe ₂ O ₃ nanotubes with superior lithium storage capability. <i>Chemical Communications</i> , 2011, 47, 8061.	2.2	265
34	A general strategy toward graphene@metal oxide core-shell nanostructures for high-performance lithium storage. <i>Energy and Environmental Science</i> , 2011, 4, 4954.	15.6	255
35	Self-assembly of well-ordered whisker-like manganese oxide arrays on carbon fiber paper and its application as electrode material for supercapacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 8634.	6.7	249
36	Enhanced low-temperature activity of CO ₂ methanation over highly-dispersed Ni/TiO ₂ catalyst. <i>Catalysis Science and Technology</i> , 2013, 3, 2627.	2.1	246

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37	Selective and sensitive electrochemical detection of glucose in neutral solution using platinum-lead alloy nanoparticle/carbon nanotube nanocomposites. <i>Analytica Chimica Acta</i> , 2007, 594, 175-183.	2.6	244
38	Engineering Nonspherical Hollow Structures with Complex Interiors by Template-Engaged Redox Etching. <i>Journal of the American Chemical Society</i> , 2010, 132, 16271-16277.	6.6	241
39	Exploration of $K_2Ti_8O_{17}$ as an anode material for potassium-ion batteries. <i>Chemical Communications</i> , 2016, 52, 11274-11276.	2.2	240
40	CeO ₂ nanoparticles/graphene nanocomposite-based high performance supercapacitor. <i>Dalton Transactions</i> , 2011, 40, 6388.	1.6	236
41	Well-Aligned Cone-Shaped Nanostructure of Polypyrrole/RuO ₂ and Its Electrochemical Supercapacitor. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14843-14847.	1.5	231
42	Electrocatalysis in microbial fuel cells—from electrode material to direct electrochemistry. <i>Energy and Environmental Science</i> , 2010, 3, 544.	15.6	225
43	Synthesis, Characterization, and Lithium Storage Capability of AMoO ₄ (A = Ni, Co) Nanorods. <i>Chemistry of Materials</i> , 2010, 22, 746-754.	3.2	222
44	Puzzles and confusions in supercapacitor and battery: Theory and solutions. <i>Journal of Power Sources</i> , 2018, 401, 213-223.	4.0	220
45	Two dimensional atomically thin MoS ₂ nanosheets and their sensing applications. <i>Nanoscale</i> , 2015, 7, 19358-19376.	2.8	217
46	Fabrication of Co ₃ O ₄ -reduced graphene oxide scrolls for high-performance supercapacitor electrodes. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 14462.	1.3	215
47	Polymer/nanosilver composite coatings for antibacterial applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 439, 69-83.	2.3	215
48	Synthesis of a MnO ₂ -graphene foam hybrid with controlled MnO ₂ particle shape and its use as a supercapacitor electrode. <i>Carbon</i> , 2012, 50, 4865-4870.	5.4	214
49	Aptamer induced assembly of fluorescent nitrogen-doped carbon dots on gold nanoparticles for sensitive detection of AFB1. <i>Biosensors and Bioelectronics</i> , 2016, 78, 23-30.	5.3	205
50	One-pot formation of SnO ₂ hollow nanospheres and Fe ₂ O ₃ @SnO ₂ nanorattles with large void space and their lithium storage properties. <i>Nanoscale</i> , 2009, 1, 280.	2.8	204
51	Improved synthesis of graphene flakes from the multiple electrochemical exfoliation of graphite rod. <i>Nano Energy</i> , 2013, 2, 377-386.	8.2	200
52	Mechanism of Antimicrobial Activity of CdTe Quantum Dots. <i>Langmuir</i> , 2008, 24, 5445-5452.	1.6	198
53	Nanostructured catalysts in fuel cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 4027-4036.	6.7	196
54	Facile synthesis of nitrogen and sulfur co-doped carbon dots and application for Fe(III) ions detection and cell imaging. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 689-696.	4.0	195

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55	DNA-Functionalized Graphene to Guide Growth of Highly Active Pd Nanocrystals as Efficient Electrocatalyst for Direct Formic Acid Fuel Cells. <i>Advanced Energy Materials</i> , 2013, 3, 167-171.	10.2	193
56	Tailoring Zinc Oxide Nanowires for High Performance Amperometric Glucose Sensor. <i>Electroanalysis</i> , 2007, 19, 1008-1014.	1.5	190
57	Carbon-decorated ZnO nanowire array: A novel platform for direct electrochemistry of enzymes and biosensing applications. <i>Electrochemistry Communications</i> , 2009, 11, 202-205.	2.3	189
58	Graphene Quantum Dots as a Green Sensitizer to Functionalize ZnO Nanowire Arrays on F-doped SnO ₂ Glass for Enhanced Photoelectrochemical Water Splitting. <i>Advanced Energy Materials</i> , 2013, 3, 997-1003.	10.2	189
59	Crosslinking Graphene Oxide into Robust 3D Porous N-doped Graphene. <i>Advanced Materials</i> , 2015, 27, 5171-5175.	11.1	188
60	A selectively coated photonic crystal fiber based surface plasmon resonance sensor. <i>Journal of Optics (United Kingdom)</i> , 2010, 12, 015005.	1.0	185
61	Biointerface by Cell Growth on Layered Graphene-“Artificial Peroxidase” Protein Nanostructure for In Situ Quantitative Molecular Detection. <i>Advanced Materials</i> , 2010, 22, 5164-5167.	11.1	184
62	Architecture Engineering of Hierarchically Porous Chitosan/Vacuum-Stripped Graphene Scaffold as Bioanode for High Performance Microbial Fuel Cell. <i>Nano Letters</i> , 2012, 12, 4738-4741.	4.5	184
63	A Surface Defect-Promoted Ni Nanocatalyst with Simultaneously Enhanced Activity and Stability. <i>Chemistry of Materials</i> , 2013, 25, 1040-1046.	3.2	184
64	TiO ₂ and SnO ₂ @TiO ₂ hollow spheres assembled from anatase TiO ₂ nanosheets with enhanced lithium storage properties. <i>Chemical Communications</i> , 2010, 46, 8252.	2.2	181
65	Spatially Separating Redox Centers on Z-scheme ZnIn ₂ S ₄ /BiVO ₄ Hierarchical Heterostructure for Highly Efficient Photocatalytic Hydrogen Evolution. <i>Small</i> , 2020, 16, e2002988.	5.2	177
66	Extracellular microbial synthesis of biocompatible CdTe quantum dots. <i>Acta Biomaterialia</i> , 2010, 6, 3534-3541.	4.1	173
67	RGD-Peptide Functionalized Graphene Biomimetic Live-Cell Sensor for Real-Time Detection of Nitric Oxide Molecules. <i>ACS Nano</i> , 2012, 6, 6944-6951.	7.3	172
68	Highly-efficient peroxidase-like catalytic activity of graphene dots for biosensing. <i>Biosensors and Bioelectronics</i> , 2013, 49, 519-524.	5.3	170
69	Electrocatalysis of carbon black- or activated carbon nanotubes-supported Pd-Ag towards methanol oxidation in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 10087-10093.	3.8	168
70	Construction of one-dimensional nanostructures on graphene for efficient energy conversion and storage. <i>Energy and Environmental Science</i> , 2014, 7, 2559.	15.6	168
71	Direct electrochemistry and electrocatalytic mechanism of evolved Escherichia coli cells in microbial fuel cells. <i>Chemical Communications</i> , 2008, , 1290.	2.2	166
72	Graphene Quantum-Dot-Doped Polypyrrole Counter Electrode for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2047-2052.	4.0	162

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73	NiO/Graphene Composite for Enhanced Charge Separation and Collection in p-Type Dye Sensitized Solar Cell. <i>Journal of Physical Chemistry C</i> , 2011, 115, 12209-12215.	1.5	160
74	Lychee-like FeS ₂ @FeSe ₂ core-shell microspheres anode in sodium ion batteries for large capacity and ultralong cycle life. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19195-19202.	5.2	160
75	Electrochemical thin film deposition of polypyrrole on different substrates. <i>Surface and Coatings Technology</i> , 2005, 198, 474-477.	2.2	159
76	Powder microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 1994, 368, 47-54.	1.9	158
77	Graphene Based Materials: Enhancing Solar Energy Harvesting. <i>Advanced Energy Materials</i> , 2011, 1, 448-452.	10.2	158
78	Bioelectricity enhancement via overexpression of quorum sensing system in <i>Pseudomonas aeruginosa</i> -inoculated microbial fuel cells. <i>Biosensors and Bioelectronics</i> , 2011, 30, 87-92.	5.3	157
79	Template-Synthesized Cobalt Porphyrin/Polypyrrole Nanocomposite and Its Electrocatalysis for Oxygen Reduction in Neutral Medium. <i>Journal of Physical Chemistry C</i> , 2007, 111, 11216-11222.	1.5	156
80	Preparation and properties of Co ₃ O ₄ nanorods as supercapacitor material. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1871-1876.	1.5	156
81	A graphene-cobalt oxide based needle electrode for non-enzymatic glucose detection in micro-droplets. <i>Chemical Communications</i> , 2012, 48, 6490.	2.2	155
82	Porphyrin Functionalized Graphene for Sensitive Electrochemical Detection of Ultratrace Explosives. <i>Electroanalysis</i> , 2011, 23, 885-893.	1.5	151
83	Metal-support interaction boosted electrocatalysis of ultrasmall iridium nanoparticles supported on nitrogen doped graphene for highly efficient water electrolysis in acidic and alkaline media. <i>Nano Energy</i> , 2019, 62, 117-126.	8.2	151
84	Bi-functional ferroelectric BiFeO ₃ passivated BiVO ₄ photoanode for efficient and stable solar water oxidation. <i>Nano Energy</i> , 2017, 31, 28-36.	8.2	150
85	Theoretical Insights into Superior Nitrate Reduction to Ammonia Performance of Copper Catalysts. <i>ACS Catalysis</i> , 2021, 11, 14417-14427.	5.5	150
86	Template-assisted synthesis of CoP nanotubes to efficiently catalyze hydrogen-evolving reaction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14812-14816.	5.2	147
87	One-pot synthesis of nitrogen and sulfur co-doped carbon dots and its application for sensor and multicolor cellular imaging. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 167-174.	5.0	145
88	Nanocomposites: From Fabrications to Electrochemical Bioapplications. <i>Electroanalysis</i> , 2008, 20, 648-662.	1.5	144
89	“Circuit board-like” CoS/MXene composite with superior performance for sodium storage. <i>Chemical Engineering Journal</i> , 2019, 357, 220-225.	6.6	143
90	Aptamer based fluorescence recovery assay for aflatoxin B1 using a quencher system composed of quantum dots and graphene oxide. <i>Mikrochimica Acta</i> , 2015, 182, 571-578.	2.5	137

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91	High-Performance Thin-Film Transistors from Solution-Processed Dithienothiophene Polymer Semiconductor Nanoparticles. <i>Chemistry of Materials</i> , 2008, 20, 2057-2059.	3.2	136
92	Template-Free Electrochemical Synthesis of Superhydrophilic Polypyrrole Nanofiber Network. <i>Macromolecules</i> , 2008, 41, 7053-7057.	2.2	135
93	Interface Functionalization of Photoelectrodes with Graphene for High Performance Dye-Sensitized Solar Cells. <i>Advanced Functional Materials</i> , 2012, 22, 5245-5250.	7.8	135
94	Controlled synthesis of hierarchical graphene-wrapped TiO ₂ @Co ₃ O ₄ coaxial nanobelt arrays for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2013, 1, 273-281.	5.2	135
95	Nitrogen and phosphorus codoped hierarchically porous carbon as an efficient sulfur host for Li-S batteries. <i>Energy Storage Materials</i> , 2017, 6, 112-118.	9.5	135
96	pH-Controlled Construction of Chitosan/Alginate Multilayer Film: Characterization and Application for Antibody Immobilization. <i>Langmuir</i> , 2007, 23, 13046-13052.	1.6	134
97	Direct electron transfer of glucose oxidase and biosensing of glucose on hollow sphere-nanostructured conducting polymer/metal oxide composite. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 12153.	1.3	134
98	Fabrication of Strongly Fluorescent Quantum Dot-Polymer Composite in Aqueous Solution. <i>Chemistry of Materials</i> , 2007, 19, 3773-3779.	3.2	133
99	A flexible humidity sensor based on silk fabrics for human respiration monitoring. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4549-4554.	2.7	133
100	Ionic liquid-graphene composite for ultratrace explosive trinitrotoluene detection. <i>Electrochemistry Communications</i> , 2010, 12, 1237-1240.	2.3	132
101	Formic acid-reduced ultrasmall Pd nanocrystals on graphene to provide superior electrocatalytic activity and stability toward formic acid oxidation. <i>Nano Energy</i> , 2015, 11, 71-77.	8.2	131
102	Crop rotations alter bacterial and fungal diversity in paddy soils across East Asia. <i>Soil Biology and Biochemistry</i> , 2016, 95, 250-261.	4.2	130
103	Strong Electronic Interaction Enhanced Electrocatalysis of Metal Sulfide Clusters Embedded Metal-Organic Framework Ultrathin Nanosheets toward Highly Efficient Overall Water Splitting. <i>Advanced Science</i> , 2020, 7, 2001965.	5.6	129
104	Metal Phosphides Derived from Hydrotalcite Precursors toward the Selective Hydrogenation of Phenylacetylene. <i>ACS Catalysis</i> , 2015, 5, 5756-5765.	5.5	128
105	Self-assembled graphene@PANI nanoworm composites with enhanced supercapacitor performance. <i>RSC Advances</i> , 2013, 3, 5851.	1.7	127
106	Polydopamine-Functionalization of Graphene Oxide to Enable Dual Signal Amplification for Sensitive Surface Plasmon Resonance Imaging Detection of Biomarker. <i>Analytical Chemistry</i> , 2014, 86, 4488-4493.	3.2	127
107	Electrodeposition of nickel-phosphorus nanoparticles film as a Janus electrocatalyst for electro-splitting of water. <i>Journal of Power Sources</i> , 2015, 299, 342-346.	4.0	126
108	Direct electrochemistry of hemoglobin on carbonized titania nanotubes and its application in a sensitive reagentless hydrogen peroxide biosensor. <i>Biosensors and Bioelectronics</i> , 2008, 24, 819-824.	5.3	124

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109	Shape Evolution and Magnetic Properties of Cobalt Sulfide. <i>Crystal Growth and Design</i> , 2008, 8, 3745-3749.	1.4	123
110	Preparation and electrochemistry of one-dimensional nanostructured MnO ₂ /PPy composite for electrochemical capacitor. <i>Applied Surface Science</i> , 2010, 256, 4339-4343.	3.1	118
111	Photoswitchable Semiconductor Bismuth Sulfide (Bi ₂ S ₃) Nanowires and Their Self-Supported Nanowire Arrays. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12279-12283.	1.5	116
112	Flow-through functionalized PDMS microfluidic channels with dextran derivative for ELISAs. <i>Lab on A Chip</i> , 2009, 9, 1243.	3.1	114
113	Highly sensitive lactate biosensor by engineering chitosan/PVI-Os/CNT/LOD network nanocomposite. <i>Biosensors and Bioelectronics</i> , 2007, 22, 3288-3292.	5.3	112
114	Novel porous anatase TiO ₂ nanorods and their high lithium electroactivity. <i>Electrochemistry Communications</i> , 2007, 9, 1233-1238.	2.3	112
115	The soil carbon/nitrogen ratio and moisture affect microbial community structures in alkaline permafrost-affected soils with different vegetation types on the Tibetan plateau. <i>Research in Microbiology</i> , 2014, 165, 128-139.	1.0	112
116	Tailoring Unique Mesopores of Hierarchically Porous Structures for Fast Direct Electrochemistry in Microbial Fuel Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1501535.	10.2	112
117	Medaka vasa is required for migration but not survival of primordial germ cells. <i>Mechanisms of Development</i> , 2009, 126, 366-381.	1.7	111
118	Ambient-Stable Black Phosphorus-Based 2D/2D S-Scheme Heterojunction for Efficient Photocatalytic CO ₂ Reduction to Syngas. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20162-20173.	4.0	111
119	Nitrogen doped carbon nanoparticles enhanced extracellular electron transfer for high-performance microbial fuel cells anode. <i>Chemosphere</i> , 2015, 140, 26-33.	4.2	110
120	On-demand microfluidic droplet trapping and fusion for on-chip static droplet assays. <i>Lab on A Chip</i> , 2009, 9, 1504.	3.1	108
121	Single cell analysis at the nanoscale. <i>Chemical Society Reviews</i> , 2012, 41, 2061-2071.	18.7	108
122	Disposable lateral flow-through strip for smartphone-camera to quantitatively detect alkaline phosphatase activity in milk. <i>Biosensors and Bioelectronics</i> , 2015, 69, 307-315.	5.3	108
123	Improved performance of Pd electrocatalyst supported on ultrahigh surface area hollow carbon spheres for direct alcohol fuel cells. <i>Journal of Power Sources</i> , 2008, 177, 61-66.	4.0	107
124	Screen-printed microfluidic device for electrochemical immunoassay. <i>Lab on A Chip</i> , 2007, 7, 1752.	3.1	106
125	Catalytic conversion of syngas to mixed alcohols over CuFe-based catalysts derived from layered double hydroxides. <i>Catalysis Science and Technology</i> , 2013, 3, 1324.	2.1	106
126	Fabrication of Condensate Microdrop Self-Propelling Porous Films of Cerium Oxide Nanoparticles on Copper Surfaces. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4876-4879.	7.2	106

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127	Selenium Embedded in Metal-Organic Framework Derived Hollow Hierarchical Porous Carbon Spheres for Advanced Lithium-Selenium Batteries. ACS Applied Materials & Interfaces, 2016, 8, 16063-16070.	4.0	106
128	Facile Synthesis of Novel Networked Ultralong Cobalt Sulfide Nanotubes and Its Application in Supercapacitors. ACS Applied Materials & Interfaces, 2015, 7, 25568-25573.	4.0	105
129	Au Nanoparticles-3D Graphene Hydrogel Nanocomposite To Boost Synergistically in Situ Detection Sensitivity toward Cell-Released Nitric Oxide. ACS Applied Materials & Interfaces, 2015, 7, 2726-2734.	4.0	105
130	Reversible Hydrophobic to Hydrophilic Transition in Graphene via Water Splitting Induced by UV Irradiation. Scientific Reports, 2014, 4, 6450.	1.6	105
131	Polymer-Mediated Self-Assembly of TiO ₂ @Cu ₂ O Core-Shell Nanowire Array for Highly Efficient Photoelectrochemical Water Oxidation. ACS Applied Materials & Interfaces, 2016, 8, 6082-6092.	4.0	105
132	Electrocatalysis of Pd-Co supported on carbon black or ball-milled carbon nanotubes towards methanol oxidation in alkaline media. Applied Catalysis B: Environmental, 2010, 99, 229-234.	10.8	104
133	Ni-In Intermetallic Nanocrystals as Efficient Catalysts toward Unsaturated Aldehydes Hydrogenation. Chemistry of Materials, 2013, 25, 3888-3896.	3.2	103
134	Architecting smart umbrella-Bi ₂ S ₃ /rGO-modified TiO ₂ nanorod array structures at the nanoscale for efficient photoelectrocatalysis under visible light. Journal of Materials Chemistry A, 2015, 3, 1235-1242.	5.2	103
135	Ultrasmall Ru ₂ P nanoparticles on graphene: a highly efficient hydrogen evolution reaction electrocatalyst in both acidic and alkaline media. Chemical Communications, 2018, 54, 3343-3346.	2.2	102
136	Direct growth of flower-like manganese oxide on reduced graphene oxide towards efficient oxygen reduction reaction. Chemical Communications, 2013, 49, 6334.	2.2	101
137	Functionalized Mesoporous Silica Nanoparticles with Mucoadhesive and Sustained Drug Release Properties for Potential Bladder Cancer Therapy. Langmuir, 2014, 30, 6151-6161.	1.6	101
138	Electrochemical Detection of Nitric Oxide on a SWCNT/RTIL Composite Gel Microelectrode. Electroanalysis, 2006, 18, 713-718.	1.5	100
139	Nanostructure control of graphene-composited TiO ₂ by a one-step solvothermal approach for high performance dye-sensitized solar cells. Nanoscale, 2011, 3, 4613.	2.8	100
140	Advances of lab-on-a-chip in isolation, detection and post-processing of circulating tumour cells. Lab on A Chip, 2013, 13, 3163.	3.1	100
141	A V ₂ O ₃ -ordered mesoporous carbon composite with novel peroxidase-like activity towards the glucose colorimetric assay. Nanoscale, 2015, 7, 11678-11685.	2.8	100
142	Hydrogen storage in a Ni-B nanoalloy-doped three-dimensional graphene material. Energy and Environmental Science, 2011, 4, 195-200.	15.6	99
143	Controlled synthesis of FeP nanorod arrays as highly efficient hydrogen evolution cathode. Journal of Materials Chemistry A, 2014, 2, 17263-17267.	5.2	99
144	Hierarchical TiO ₂ nanobelts@MnO ₂ ultrathin nanoflakes core-shell array electrode materials for supercapacitors. RSC Advances, 2013, 3, 14413.	1.7	98

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145	Fabrication of CeO ₂ nanoparticle-modified silk for UV protection and antibacterial applications. <i>Journal of Colloid and Interface Science</i> , 2014, 435, 8-14.	5.0	98
146	Synthesis of hollow Co ₃ O ₄ nanocrystals in situ anchored on holey graphene for high rate lithium-ion batteries. <i>Carbon</i> , 2020, 163, 137-144.	5.4	98
147	Effect of inhaled formaldehyde on learning and memory of mice. <i>Indoor Air</i> , 2008, 18, 77-83.	2.0	97
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