

Li Jinghong

List of Publications by Year in descending order

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447
papers

55,877
citations

766

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1314

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457
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457
docs citations

457
times ranked

52348
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide: Preparation, Functionalization, and Electrochemical Applications. <i>Chemical Reviews</i> , 2012, 112, 6027-6053.	23.0	3,024
2	P25-Graphene Composite as a High Performance Photocatalyst. <i>ACS Nano</i> , 2010, 4, 380-386.	7.3	2,946
3	Nitrogen-Doped Graphene and Its Application in Electrochemical Biosensing. <i>ACS Nano</i> , 2010, 4, 1790-1798.	7.3	1,977
4	Measurement of the quantum capacitance of graphene. <i>Nature Nanotechnology</i> , 2009, 4, 505-509.	15.6	1,459
5	Graphene and graphene oxide: biofunctionalization and applications in biotechnology. <i>Trends in Biotechnology</i> , 2011, 29, 205-212.	4.9	1,327
6	Graphene-based materials in electrochemistry. <i>Chemical Society Reviews</i> , 2010, 39, 3157.	18.7	1,297
7	Preparation, Structure, and Electrochemical Properties of Reduced Graphene Sheet Films. <i>Advanced Functional Materials</i> , 2009, 19, 2782-2789.	7.8	1,132
8	Application of graphene-modified electrode for selective detection of dopamine. <i>Electrochemistry Communications</i> , 2009, 11, 889-892.	2.3	1,067
9	Aptamer/Graphene Oxide Nanocomplex for <i>in Situ</i> Molecular Probing in Living Cells. <i>Journal of the American Chemical Society</i> , 2010, 132, 9274-9276.	6.6	1,020
10	Nanostructured carbon for energy storage and conversion. <i>Nano Energy</i> , 2012, 1, 195-220.	8.2	895
11	Graphene Fluorescence Resonance Energy Transfer Aptasensor for the Thrombin Detection. <i>Analytical Chemistry</i> , 2010, 82, 2341-2346.	3.2	848
12	Preparation and electrochemical performance for methanol oxidation of Pt/graphene nanocomposites. <i>Electrochemistry Communications</i> , 2009, 11, 846-849.	2.3	675
13	Highly Active and Stable Catalysts of Phytic Acid-Derivative Transition Metal Phosphides for Full Water Splitting. <i>Journal of the American Chemical Society</i> , 2016, 138, 14686-14693.	6.6	647
14	A Hybrid Supercapacitor Fabricated with a Carbon Nanotube Cathode and a TiO ₂ @B Nanowire Anode. <i>Advanced Functional Materials</i> , 2006, 16, 2141-2146.	7.8	568
15	Tuning Photoelectrochemical Performances of Ag ⁺ /TiO ₂ Nanocomposites via Reduction/Oxidation of Ag. <i>Chemistry of Materials</i> , 2008, 20, 6543-6549.	3.2	546
16	Graphene and Graphene-Like Layered Transition Metal Dichalcogenides in Energy Conversion and Storage. <i>Small</i> , 2014, 10, 2165-2181.	5.2	535
17	Two-dimensional layered MoS ₂ : rational design, properties and electrochemical applications. <i>Energy and Environmental Science</i> , 2016, 9, 1190-1209.	15.6	532
18	Cobalt Phosphide Hollow Polyhedron as Efficient Bifunctional Electrocatalysts for the Evolution Reaction of Hydrogen and Oxygen. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 2158-2165.	4.0	486

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19	In Situ Growth of Mesoporous SnO ₂ on Multiwalled Carbon Nanotubes: A Novel Composite with Porous Tube Structure as Anode for Lithium Batteries. <i>Advanced Functional Materials</i> , 2007, 17, 2772-2778.	7.8	470
20	Co Nanolands Rooted on Co-N-C Nanosheets as Efficient Oxygen Electrocatalyst for Zn-Air Batteries. <i>Advanced Materials</i> , 2019, 31, e1901666.	11.1	455
21	Carbon-dot-supported atomically dispersed gold as a mitochondrial oxidative stress amplifier for cancer treatment. <i>Nature Nanotechnology</i> , 2019, 14, 379-387.	15.6	448
22	Earth-Rich Transition Metal Phosphide for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2016, 6, 1600087.	10.2	437
23	A low-temperature method to produce highly reduced graphene oxide. <i>Nature Communications</i> , 2013, 4, 1539.	5.8	436
24	Graphene Oxide Amplified Electrogenerated Chemiluminescence of Quantum Dots and Its Selective Sensing for Glutathione from Thiol-Containing Compounds. <i>Analytical Chemistry</i> , 2009, 81, 9710-9715.	3.2	397
25	Toehold-initiated Rolling Circle Amplification for Visualizing Individual MicroRNAs In Situ in Single Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 2389-2393.	7.2	384
26	Preparation of SnO ₂ -Nanocrystal/Graphene-Nanosheets Composites and Their Lithium Storage Ability. <i>Journal of Physical Chemistry C</i> , 2010, 114, 21770-21774.	1.5	377
27	Graphene as a Novel Matrix for the Analysis of Small Molecules by MALDI-TOF MS. <i>Analytical Chemistry</i> , 2010, 82, 6208-6214.	3.2	365
28	Graphene and its derivatives for the development of solar cells, photoelectrochemical, and photocatalytic applications. <i>Energy and Environmental Science</i> , 2013, 6, 1362.	15.6	355
29	Positive Potential Operation of a Cathodic Electrogenerated Chemiluminescence Immunosensor Based on Luminol and Graphene for Cancer Biomarker Detection. <i>Analytical Chemistry</i> , 2011, 83, 3817-3823.	3.2	347
30	Solid-state and biological nanopore for real-time sensing of single chemical and sequencing of DNA. <i>Nano Today</i> , 2013, 8, 56-74.	6.2	329
31	Ionic liquids in surface electrochemistry. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 1685.	1.3	327
32	Direct electrochemistry of glucose oxidase and electrochemical biosensing of glucose on quantum dots/carbon nanotubes electrodes. <i>Biosensors and Bioelectronics</i> , 2007, 22, 3203-3209.	5.3	312
33	Recent progress in transition metal phosphides with enhanced electrocatalysis for hydrogen evolution. <i>Nanoscale</i> , 2018, 10, 21617-21624.	2.8	312
34	Label-free imaging, detection, and mass measurement of single viruses by surface plasmon resonance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16028-16032.	3.3	310
35	Core/Shell Pt/C Nanoparticles Embedded in Mesoporous Carbon as a Methanol-Tolerant Cathode Catalyst in Direct Methanol Fuel Cells. <i>Advanced Materials</i> , 2008, 20, 743-747.	11.1	307
36	Graphene-based transition metal oxide nanocomposites for the oxygen reduction reaction. <i>Nanoscale</i> , 2015, 7, 1250-1269.	2.8	290

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37	Recent progress in electrocatalytic nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3531-3543.	5.2	290
38	Composite System Based on Chitosan and Room-Temperature Ionic Liquid: A Direct Electrochemistry and Electrocatalysis of Hemoglobin. <i>Biomacromolecules</i> , 2006, 7, 975-980.	2.6	289
39	CdS Quantum Dots-Sensitized TiO ₂ Nanorod Array on Transparent Conductive Glass Photoelectrodes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16451-16455.	1.5	288
40	Isothermal Amplification for MicroRNA Detection: From the Test Tube to the Cell. <i>Accounts of Chemical Research</i> , 2017, 50, 1059-1068.	7.6	279
41	Imaging the electrocatalytic activity of single nanoparticles. <i>Nature Nanotechnology</i> , 2012, 7, 668-672.	15.6	273
42	Fabrication of Magnetic Luminescent Nanocomposites by a Layer-by-Layer Self-assembly Approach. <i>Chemistry of Materials</i> , 2004, 16, 4022-4027.	3.2	256
43	Self-Assembled Graphene-Enzyme Hierarchical Nanostructures for Electrochemical Biosensing. <i>Advanced Functional Materials</i> , 2010, 20, 3366-3372.	7.8	256
44	Facilitated Lithium Storage in MoS ₂ Overlayers Supported on Coaxial Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2007, 111, 1675-1682.	1.5	253
45	Plasmon-Based Colorimetric Nanosensors for Ultrasensitive Molecular Diagnostics. <i>ACS Sensors</i> , 2017, 2, 857-875.	4.0	250
46	Black phosphorus quantum dots: synthesis, properties, functionalized modification and applications. <i>Chemical Society Reviews</i> , 2018, 47, 6795-6823.	18.7	250
47	Photoelectrochemical Study on Charge Transfer Properties of TiO ₂ Nanowires with an Application as Humidity Sensors. <i>Journal of Physical Chemistry B</i> , 2006, 110, 22029-22034.	1.2	247
48	Optical properties and applications of hybrid semiconductor nanomaterials. <i>Coordination Chemistry Reviews</i> , 2009, 253, 3015-3041.	9.5	243
49	Electrochemical Gate-Controlled Charge Transport in Graphene in Ionic Liquid and Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2009, 131, 9908-9909.	6.6	238
50	An ionic liquid-type carbon paste electrode and its polyoxometalate-modified properties. <i>Electrochemistry Communications</i> , 2005, 7, 1357-1363.	2.3	229
51	Electrochemical Deposition of Silver in Room-Temperature Ionic Liquids and Its Surface-Enhanced Raman Scattering Effect. <i>Langmuir</i> , 2004, 20, 10260-10267.	1.6	225
52	Au/TiO ₂ /Au as a Plasmonic Coupling Photocatalyst. <i>Journal of Physical Chemistry C</i> , 2012, 116, 6490-6494.	1.5	220
53	Self assembly of acetylcholinesterase on a gold nanoparticles-graphene nanosheet hybrid for organophosphate pesticide detection using polyelectrolyte as a linker. <i>Journal of Materials Chemistry</i> , 2011, 21, 5319.	6.7	219
54	Hierarchical Structures Based on Two-Dimensional Nanomaterials for Rechargeable Lithium Batteries. <i>Advanced Energy Materials</i> , 2017, 7, 1601906.	10.2	216

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55	In situ simultaneous monitoring of ATP and GTP using a graphene oxide nanosheet-based sensing platform in living cells. <i>Nature Protocols</i> , 2014, 9, 1944-1955.	5.5	215
56	Highly efficient and sustainable non-precious-metal Fe-N-C electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 2527-2539.	5.2	214
57	In Situ Coupling of CoP Polyhedrons and Carbon Nanotubes as Highly Efficient Hydrogen Evolution Reaction Electrocatalyst. <i>Small</i> , 2017, 13, 1602873.	5.2	212
58	Biofunctional Titania Nanotubes for Visible-Light-Activated Photoelectrochemical Biosensing. <i>Analytical Chemistry</i> , 2010, 82, 2253-2261.	3.2	206
59	Colorimetric and Ultrasensitive Bioassay Based on a Dual-Amplification System Using Aptamer and DNAzyme. <i>Analytical Chemistry</i> , 2012, 84, 4711-4717.	3.2	203
60	Highly Photoluminescent CdTe/Poly(N-isopropylacrylamide) Temperature-Sensitive Gels. <i>Advanced Materials</i> , 2005, 17, 163-166.	11.1	201
61	Fabrication of polymeric ionic liquid/graphene nanocomposite for glucose oxidase immobilization and direct electrochemistry. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2632-2637.	5.3	196
62	Hydrogen evolution from water using semiconductor nanoparticle/graphene composite photocatalysts without noble metals. <i>Journal of Materials Chemistry</i> , 2012, 22, 1539-1546.	6.7	195
63	Proton-driven transformable nanovaccine for cancer immunotherapy. <i>Nature Nanotechnology</i> , 2020, 15, 1053-1064.	15.6	194
64	Nitrogen-Doped and CdSe Quantum-Dot-Sensitized Nanocrystalline TiO ₂ Films for Solar Energy Conversion Applications. <i>Journal of Physical Chemistry C</i> , 2008, 112, 1282-1292.	1.5	192
65	One-Pot Synthesis, Characterization, and Enhanced Photocatalytic Activity of a BiOBr-Graphene Composite. <i>Chemistry - A European Journal</i> , 2012, 18, 14359-14366.	1.7	191
66	In Situ Live Cell Sensing of Multiple Nucleotides Exploiting DNA/RNA Aptamers and Graphene Oxide Nanosheets. <i>Analytical Chemistry</i> , 2013, 85, 6775-6782.	3.2	189
67	Preparation and Enhanced Photoelectrochemical Performance of Coupled Bicomponent ZnO-TiO ₂ Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008, 112, 117-122.	1.5	186
68	The graphene/nucleic acid nanobiointerface. <i>Chemical Society Reviews</i> , 2015, 44, 6954-6980.	18.7	181
69	DNA-Directed Self-Assembly of Graphene Oxide with Applications to Ultrasensitive Oligonucleotide Assay. <i>ACS Nano</i> , 2011, 5, 3817-3822.	7.3	177
70	Triggering surface oxygen vacancies on atomic layered molybdenum dioxide for a low energy consumption path toward nitrogen fixation. <i>Nano Energy</i> , 2019, 59, 10-16.	8.2	176
71	Metal oxide hollow nanostructures: Fabrication and Li storage performance. <i>Journal of Power Sources</i> , 2013, 238, 376-387.	4.0	174
72	Application of impedance spectroscopy for monitoring colloid Au-enhanced antibody immobilization and antibody-antigen reactions. <i>Biosensors and Bioelectronics</i> , 2004, 19, 575-582.	5.3	173

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73	Direct electron transfer of horseradish peroxidase and its biosensor based on chitosan and room temperature ionic liquid. <i>Electrochemistry Communications</i> , 2006, 8, 874-878.	2.3	173
74	Pt Nanoparticles Inserting in Carbon Nanotube Arrays: Nanocomposites for Glucose Biosensors. <i>Journal of Physical Chemistry C</i> , 2009, 113, 13482-13487.	1.5	171
75	Synergy of Non-antibiotic Drugs and Pyrimidinethiol on Gold Nanoparticles against Superbugs. <i>Journal of the American Chemical Society</i> , 2013, 135, 12940-12943.	6.6	170
76	Hierarchical Carbon-Coated LiFePO ₄ Nanoplate Microspheres with High Electrochemical Performance for Li-Ion Batteries. <i>Advanced Materials</i> , 2011, 23, 1126-1129.	11.1	168
77	Noncovalent DNA decorations of graphene oxide and reduced graphene oxide toward water-soluble metal-carbon hybrid nanostructures via self-assembly. <i>Journal of Materials Chemistry</i> , 2010, 20, 900-906.	6.7	167
78	Sensitive and Rapid Screening of T4 Polynucleotide Kinase Activity and Inhibition Based on Coupled Exonuclease Reaction and Graphene Oxide Platform. <i>Analytical Chemistry</i> , 2011, 83, 8396-8402.	3.2	163
79	A Facile Way to Rejuvenate Ag ₃ PO ₄ as a Recyclable Highly Efficient Photocatalyst. <i>Chemistry - A European Journal</i> , 2012, 18, 5524-5529.	1.7	163
80	Chemiluminescence of CdTe Nanocrystals Induced by Direct Chemical Oxidation and Its Size-Dependent and Surfactant-Sensitized Effect. <i>Journal of Physical Chemistry B</i> , 2005, 109, 23304-23311.	1.2	160
81	Gold Nanoparticles With Special Shapes: Controlled Synthesis, Surface-enhanced Raman Scattering, and The Application in Biodetection. <i>Sensors</i> , 2007, 7, 3299-3311.	2.1	158
82	Carbon nanofiber-based composites for the construction of mediator-free biosensors. <i>Biosensors and Bioelectronics</i> , 2008, 23, 1236-1243.	5.3	158
83	Sensitive Electrochemical Aptamer Biosensor for Dynamic Cell Surface N-Glycan Evaluation Featuring Multivalent Recognition and Signal Amplification on a Dendrimer-Graphene Electrode Interface. <i>Analytical Chemistry</i> , 2014, 86, 4278-4286.	3.2	158
84	Graphene oxide membranes: Functional structures, preparation and environmental applications. <i>Nano Today</i> , 2018, 20, 121-137.	6.2	156
85	Interfacial Bioelectrochemistry: Fabrication, Properties and Applications of Functional Nanostructured Biointerfaces. <i>Journal of Physical Chemistry C</i> , 2007, 111, 2351-2367.	1.5	155
86	Dynamic Evaluation of Cell Surface N-Glycan Expression via an Electrogenerated Chemiluminescence Biosensor Based on Concanavalin A-Integrating Gold-Nanoparticle-Modified Ru(bpy) ₃ ²⁺ -Doped Silica Nanoprobe. <i>Analytical Chemistry</i> , 2013, 85, 4431-4438.	3.2	155
87	Formation of Bi ₂ WO ₆ Bipyramids with Vacancy Pairs for Enhanced Solar-Driven Photoactivity. <i>Advanced Functional Materials</i> , 2015, 25, 3726-3734.	7.8	155
88	Polyaniline-carbon composite films as supports of Pt and PtRu particles for methanol electrooxidation. <i>Carbon</i> , 2005, 43, 2579-2587.	5.4	154
89	Uniform and rich-wrinkled electrophoretic deposited graphene film: a robust electrochemical platform for TNT sensing. <i>Chemical Communications</i> , 2010, 46, 5882.	2.2	153
90	Layer-by-layer assembly of chemical reduced graphene and carbon nanotubes for sensitive electrochemical immunoassay. <i>Biosensors and Bioelectronics</i> , 2012, 35, 63-68.	5.3	150

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91	Electrochemical Functionalization of Single-Walled Carbon Nanotubes in Large Quantities at a Room-Temperature Ionic Liquid Supported Three-Dimensional Network Electrode. <i>Langmuir</i> , 2005, 21, 4797-4800.	1.6	149
92	Template Synthesis of Aligned Carbon Nanotube Arrays using Glucose as a Carbon Source: Pt Decoration of Inner and Outer Nanotube Surfaces for Fuel Cell Catalysts. <i>Advanced Functional Materials</i> , 2008, 18, 959-964.	7.8	149
93	A Hybrid Electrochemical Colorimetric Sensing Platform for Detection of Explosives. <i>Journal of the American Chemical Society</i> , 2009, 131, 1390-1391.	6.6	146
94	Highly active horseradish peroxidase immobilized in 1-butyl-3-methylimidazolium tetrafluoroborate room-temperature ionic liquid based sol-gel host materials. <i>Chemical Communications</i> , 2005, , 1778-1780.	2.2	145
95	Highly Sensitive Electrogenated Chemiluminescence Biosensor in Profiling Protein Kinase Activity and Inhibition Using Gold Nanoparticle as Signal Transduction Probes. <i>Analytical Chemistry</i> , 2010, 82, 9566-9572.	3.2	145
96	Poly-L-lysine Functionalization of Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15343-15346.	1.2	141
97	Preparation of Flower-like SnO ₂ Nanostructures and Their Applications in Gas-Sensing and Lithium Storage. <i>Crystal Growth and Design</i> , 2011, 11, 2942-2947.	1.4	141
98	V-Shaped Tin Oxide Nanostructures Featuring a Broad Photocurrent Signal: An Effective Visible-Light-Driven Photocatalyst. <i>Small</i> , 2006, 2, 1436-1439.	5.2	140
99	Fabrication of a Biocompatible and Conductive Platform Based on a Single-Stranded DNA/Graphene Nanocomposite for Direct Electrochemistry and Electrocatalysis. <i>Chemistry - A European Journal</i> , 2010, 16, 8133-8139.	1.7	139
100	Rutile TiO ₂ nano-branched arrays on FTO for dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7008.	1.3	138
101	A novel room temperature ionic liquid sol-gel matrix for amperometric biosensor application. <i>Green Chemistry</i> , 2005, 7, 655.	4.6	137
102	Hydrazine-Linked Convergent Self-Assembly of Sophisticated Concave Polyhedrons of Ni(OH) ₂ and NiO from Nanoplate Building Blocks. <i>Journal of the American Chemical Society</i> , 2009, 131, 2959-2964.	6.6	137
103	Carbon-coated hollow mesoporous FeP microcubes: an efficient and stable electrocatalyst for hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2016, 4, 8974-8977.	5.2	137
104	DNA-Sequence-Encoded Rolling Circle Amplicon for Single-Cell RNA Imaging. <i>CheM</i> , 2018, 4, 1373-1386.	5.8	137
105	Hollow carbon spheres with wide size distribution as anode catalyst support for direct methanol fuel cells. <i>Electrochemistry Communications</i> , 2007, 9, 1867-1872.	2.3	135
106	Highly specific imaging of mRNA in single cells by target RNA-initiated rolling circle amplification. <i>Chemical Science</i> , 2017, 8, 3668-3675.	3.7	134
107	Interfacial design and functionization on metal electrodes through self-assembled monolayers. <i>Surface Science Reports</i> , 2006, 61, 445-463.	3.8	133
108	Hairpin DNA probe based electrochemical biosensor using methylene blue as hybridization indicator. <i>Biosensors and Bioelectronics</i> , 2007, 22, 1126-1130.	5.3	132

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109	Ni ₃ Si ₂ O ₅ (OH) ₄ multi-walled nanotubes with tunable magnetic properties and their application as anode materials for lithium batteries. Nano Research, 2011, 4, 882-890.	5.8	131
110	Electrochemical DNA Biosensor Based on the Proximity-Dependent Surface Hybridization Assay. Analytical Chemistry, 2009, 81, 1982-1987.	3.2	130
111	Discovery of the DNA "Genetic Code" for Abiological Gold Nanoparticle Morphologies. Angewandte Chemie - International Edition, 2012, 51, 9078-9082.	7.2	128
112	Co ₉ S ₈ nanoparticles anchored on nitrogen and sulfur dual-doped carbon nanosheets as highly efficient bifunctional electrocatalyst for oxygen evolution and reduction reactions. Nanoscale, 2017, 9, 12432-12440.	2.8	128
113	Methanol electrooxidation on Pt particles dispersed into PANI/SWNT composite films. Journal of Power Sources, 2006, 155, 118-127.	4.0	127
114	Duplex DNA/Graphene Oxide Biointerface: From Fundamental Understanding to Specific Enzymatic Effects. Advanced Functional Materials, 2012, 22, 3083-3088.	7.8	127
115	Direct electrochemistry and electrocatalysis based on film of horseradish peroxidase intercalated into layered titanate nano-sheets. Biosensors and Bioelectronics, 2007, 23, 102-106.	5.3	125
116	Target-fueled DNA walker for highly selective miRNA detection. Chemical Science, 2015, 6, 6777-6782.	3.7	125
117	Room Temperature Ionic Liquid Based Polystyrene Nanofibers with Superhydrophobicity and Conductivity Produced by Electrospinning. Chemistry of Materials, 2008, 20, 3420-3424.	3.2	123
118	Facile synthesis of AgBr nanoplates with exposed {111} facets and enhanced photocatalytic properties. Chemical Communications, 2012, 48, 275-277.	2.2	123
119	Functionalization of single-walled carbon nanotubes with Prussian blue. Electrochemistry Communications, 2004, 6, 1180-1184.	2.3	122
120	Facile Synthesis of Wide-Bandgap Fluorinated Graphene Semiconductors. Chemistry - A European Journal, 2011, 17, 8896-8903.	1.7	121
121	Facile "Spot-Heating" Synthesis of Carbon Dots/Carbon Nitride for Solar Hydrogen Evolution Synchronously with Contaminant Decomposition. Advanced Functional Materials, 2018, 28, 1706462.	7.8	121
122	Atomic-Level Nanorings (A-NRs) Therapeutic Agent for Photoacoustic Imaging and Photothermal/Photodynamic Therapy of Cancer. Journal of the American Chemical Society, 2020, 142, 1735-1739.	6.6	121
123	Recent Progress and Development in Inorganic Halide Perovskite Quantum Dots for Photoelectrochemical Applications. Small, 2020, 16, e1903398.	5.2	120
124	Quantum dots sensitized graphene: In situ growth and application in photoelectrochemical cells. Electrochemistry Communications, 2010, 12, 483-487.	2.3	118
125	Hydroxyl-containing antimony oxide bromide nanorods combined with chitosan for biosensors. Biomaterials, 2006, 27, 5740-5747.	5.7	116
126	Molybdenum Carbide-Decorated Metallic Cobalt@Nitrogen-Doped Carbon Polyhedrons for Enhanced Electrocatalytic Hydrogen Evolution. Small, 2018, 14, e1704227.	5.2	114

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127	Unique Hierarchical Mo ₂ C/C Nanosheet Hybrids as Active Electrocatalyst for Hydrogen Evolution Reaction. ACS Applied Materials & Interfaces, 2017, 9, 41314-41322.	4.0	112
128	Localized surface plasmon resonance for enhanced electrocatalysis. Chemical Society Reviews, 2021, 50, 12070-12097.	18.7	112
129	Electrochemical detection of DNA immobilized on gold colloid particles modified self-assembled monolayer electrode with silver nanoparticle label. Journal of Pharmaceutical and Biomedical Analysis, 2003, 33, 1117-1125.	1.4	111
130	Solvent-Controlled Synthesis and Electrochemical Lithium Storage of One-Dimensional TiO ₂ Nanostructures. Inorganic Chemistry, 2006, 45, 6944-6949.	1.9	111
131	Layered Titanate Nanosheets Intercalated with Myoglobin for Direct Electrochemistry. Advanced Functional Materials, 2007, 17, 1958-1965.	7.8	111
132	Hierarchical Mesoporous Hematite with "Electron-Transport Channels" and Its Improved Performances in Photocatalysis and Lithium Ion Batteries. Journal of Physical Chemistry C, 2011, 115, 7126-7133.	1.5	110
133	±-Fe ₂ O ₃ spherical nanocrystals supported on CNTs as efficient non-noble electrocatalysts for the oxygen reduction reaction. Journal of Materials Chemistry A, 2014, 2, 13635-13640.	5.2	110
134	Mixed ligand system of cysteine and thioglycolic acid assisting in the synthesis of highly luminescent water-soluble CdTe nanorods Electronic supplementary information (ESI) available: instrumentation, discussion of dipole attraction, XRD pattern of CdTe nanorods and TEM image of CdTe nanowires. See http://www.rsc.org/suppdata/cc/b4/b405623/jl . Chemical Communications, 2004, , 1740.	2.2	109
135	DNA-Encoded Tuning of Geometric and Plasmonic Properties of Nanoparticles Growing from Gold Nanorod Seeds. Angewandte Chemie - International Edition, 2015, 54, 8114-8118.	7.2	109
136	Preparation and Properties of Nanostructure Anatase TiO ₂ Monoliths Using 1-Butyl-3-methylimidazolium Tetrafluoroborate Room-Temperature Ionic Liquids as Template Solvents. Crystal Growth and Design, 2005, 5, 1643-1649.	1.4	108
137	A Room-Temperature Ionic-Liquid-Templated Proton-Conducting Gelatinous Electrolyte. Journal of Physical Chemistry B, 2004, 108, 17512-17518.	1.2	106
138	Direct Visualization of Single-Nucleotide Variation in mtDNA Using a CRISPR/Cas9-Mediated Proximity Ligation Assay. Journal of the American Chemical Society, 2018, 140, 11293-11301.	6.6	106
139	RNA Strand Displacement Responsive CRISPR/Cas9 System for mRNA Sensing. Analytical Chemistry, 2019, 91, 3989-3996.	3.2	106
140	Antisense Oligonucleotide-Conjugated Nanostructure-Targeting lncRNA MALAT1 Inhibits Cancer Metastasis. ACS Applied Materials & Interfaces, 2019, 11, 37-42.	4.0	106
141	In Situ Amplified Chemiluminescent Detection of DNA and Immunoassay of IgG Using Special-Shaped Gold Nanoparticles as Label. Clinical Chemistry, 2006, 52, 1958-1961.	1.5	105
142	Tunable Photocurrent Spectrum in Well-Oriented Zinc Oxide Nanorod Arrays with Enhanced Photocatalytic Activity. Journal of Physical Chemistry C, 2008, 112, 8850-8855.	1.5	104
143	Gate-controlled electron transport in coronenes as a bottom-up approach towards graphene transistors. Nature Communications, 2010, 1, 31.	5.8	104
144	Graphene-polymer composite: extraction of polycyclic aromatic hydrocarbons from water samples by stir rod sorptive extraction. Analytical Methods, 2011, 3, 92-98.	1.3	104

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145	Emerging Applications of Nanotechnology for Controlling Cellâ€™Surface Receptor Clustering. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4790-4799.	7.2	103
146	DNA Assembled Gold Nanoparticles Polymeric Network Blocks Modular Highly Sensitive Electrochemical Biosensors for Protein Kinase Activity Analysis and Inhibition. <i>Analytical Chemistry</i> , 2014, 86, 6153-6159.	3.2	102
147	Self-assembled monolayers of thiols on gold electrodes for bioelectrochemistry and biosensors. <i>Bioelectrochemistry</i> , 1997, 42, 7-13.	1.0	100
148	Temperature, ionic strength and pH induced electrochemical switching of smart polymer interfaces. <i>Chemical Communications</i> , 2006, , 4820.	2.2	100
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434	Facile Synthesis of Magnesianated Li-MoO_3 and Its Electrochemical Performance in Li-Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2839-2843.	0.9	1
435	Single-Cell Imaging of μM A Modified RNA Using μM A-Specific In Situ Hybridization Mediated Proximity Ligation Assay (μM AISH-PLA). <i>Angewandte Chemie</i> , 2021, 133, 22828.	1.6	1
436	Application of Graphene Based Nanomaterials in Enzymatic Electrochemical Biosensor. <i>Chinese Journal of Analytical Chemistry</i> , 2013, 41, 641.	0.9	1
437	Single-Cell Visualization of Monogenic RNA G-quadruplex and Occupied G-quadruplex Ratio through a Module-Assembled Multifunctional Probes Assay (MAMPA). <i>Angewandte Chemie</i> , 2022, 134, e202111132.	1.6	1
438	Beyond a Linker: The Role of Photochemistry of Crosslinkers in the Direct Optical Patterning of Colloidal Nanocrystals. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
439	Force Sensors: Hybrid Mechanoresponsive Polymer Wires Under Force Activation (<i>Adv. Mater.</i> 12/2013). <i>Advanced Materials</i> , 2013, 25, 1658-1658.	11.1	0
440	Graphene-Based Electrochemical Biosensor. <i>World Scientific Series on Carbon Nanoscience</i> , 2014, , 147-188.	0.1	0
441	Recent Progress on Palladium-Based Oxygen Reduction Reaction Electrodes for Water Treatment. <i>Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica</i> , 2017, 33, 198-210.	2.2	0
442	Ultrasound Controlled Anti-inflammatory Polarization of Platelet Decorated Microglia for Targeted Ischemic Stroke Therapy. <i>Angewandte Chemie</i> , 2021, 133, 5143-5150.	1.6	0
443	Titelbild: Single-Cell Imaging of μM A Modified RNA Using μM A-Specific In Situ Hybridization Mediated Proximity Ligation Assay (μM AISH-PLA) (<i>Angew. Chem.</i> 42/2021). <i>Angewandte Chemie</i> , 2021, 133, 22769-22769.	1.6	0
444	</>A Special Section on</> Functional Nanomaterials for Energy Applications. <i>Science of Advanced Materials</i> , 2013, 5, 1581-1584.	0.1	0
445	Module Assembly Strategy for Single-Cell Nucleic Acid Imaging at the Sub-Molecule Level. <i>Chemistry - A European Journal</i> , 2022, , .	1.7	0
446	Bioanalysis. <i>Current Analytical Chemistry</i> , 2022, 18, 599-600.	0.6	0
447	Frontispiece: Module Assembly Strategy for Single-Cell Nucleic Acid Imaging at the Sub-Molecule Level. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	0