

Li Jinghong

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438
papers

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h-index

209
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457
ext. papers

51,917
ext. citations

8.8
avg, IF

8.04
L-index

#	Paper	IF	Citations
438	P25-graphene composite as a high performance photocatalyst. <i>ACS Nano</i> , 2010 , 4, 380-6	16.7	2714
437	Graphene oxide: preparation, functionalization, and electrochemical applications. <i>Chemical Reviews</i> , 2012 , 112, 6027-53	68.1	2515
436	Nitrogen-doped graphene and its application in electrochemical biosensing. <i>ACS Nano</i> , 2010 , 4, 1790-8	16.7	1777
435	Measurement of the quantum capacitance of graphene. <i>Nature Nanotechnology</i> , 2009 , 4, 505-9	28.7	1208
434	Graphene-based materials in electrochemistry. <i>Chemical Society Reviews</i> , 2010 , 39, 3157-80	58.5	1200
433	Graphene and graphene oxide: biofunctionalization and applications in biotechnology. <i>Trends in Biotechnology</i> , 2011 , 29, 205-12	15.1	1150
432	Preparation, Structure, and Electrochemical Properties of Reduced Graphene Sheet Films. <i>Advanced Functional Materials</i> , 2009 , 19, 2782-2789	15.6	1024
431	Application of graphene-modified electrode for selective detection of dopamine. <i>Electrochemistry Communications</i> , 2009 , 11, 889-892	5.1	966
430	Aptamer/graphene oxide nanocomplex for in situ molecular probing in living cells. <i>Journal of the American Chemical Society</i> , 2010 , 132, 9274-6	16.4	951
429	Graphene fluorescence resonance energy transfer aptasensor for the thrombin detection. <i>Analytical Chemistry</i> , 2010 , 82, 2341-6	7.8	803
428	Nanostructured carbon for energy storage and conversion. <i>Nano Energy</i> , 2012 , 1, 195-220	17.1	797
427	Preparation and electrochemical performance for methanol oxidation of pt/graphene nanocomposites. <i>Electrochemistry Communications</i> , 2009 , 11, 846-849	5.1	625
426	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	16.4	533
425	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	15.6	520
424	Tuning Photoelectrochemical Performances of Ag ₃ IO ₂ Nanocomposites via Reduction/Oxidation of Ag. <i>Chemistry of Materials</i> , 2008 , 20, 6543-6549	9.6	511
423	Graphene and graphene-like layered transition metal dichalcogenides in energy conversion and storage. <i>Small</i> , 2014 , 10, 2165-81	11	479
422	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	15.6	444

4 ²¹	Two-dimensional layered MoS ₂ : rational design, properties and electrochemical applications. <i>Energy and Environmental Science</i> , 2016 , 9, 1190-1209	35.4	432
4 ²⁰	Cobalt Phosphide Hollow Polyhedron as Efficient Bifunctional Electrocatalysts for the Evolution Reaction of Hydrogen and Oxygen. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 2158-65	9.5	401
4 ¹⁹	A low-temperature method to produce highly reduced graphene oxide. <i>Nature Communications</i> , 2013 , 4, 1539	17.4	371
4 ¹⁸	Graphene oxide amplified electrogenerated chemiluminescence of quantum dots and its selective sensing for glutathione from thiol-containing compounds. <i>Analytical Chemistry</i> , 2009 , 81, 9710-5	7.8	366
4 ¹⁷	Earth-Rich Transition Metal Phosphide for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2016 , 6, 1600087	21.8	354
4 ¹⁶	Preparation of SnO ₂ -Nanocrystal/Graphene-Nanosheets Composites and Their Lithium Storage Ability. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 21770-21774	3.8	354
4 ¹⁵	Graphene as a novel matrix for the analysis of small molecules by MALDI-TOF MS. <i>Analytical Chemistry</i> , 2010 , 82, 6208-14	7.8	337
4 ¹⁴	Graphene and its derivatives for the development of solar cells, photoelectrochemical, and photocatalytic applications. <i>Energy and Environmental Science</i> , 2013 , 6, 1362	35.4	324
4 ¹³	Toehold-initiated rolling circle amplification for visualizing individual microRNAs in situ in single cells. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2389-93	16.4	322
4 ¹²	Positive potential operation of a cathodic electrogenerated chemiluminescence immunosensor based on luminol and graphene for cancer biomarker detection. <i>Analytical Chemistry</i> , 2011 , 83, 3817-23	7.8	318
4 ¹¹	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	24	293
4 ¹⁰	Ionic liquids in surface electrochemistry. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 1685-97	3.6	287
4 ⁰⁹	Direct electrochemistry of glucose oxidase and electrochemical biosensing of glucose on quantum dots/carbon nanotubes electrodes. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 3203-9	11.8	283
4 ⁰⁸	Composite system based on chitosan and room-temperature ionic liquid: direct electrochemistry and electrocatalysis of hemoglobin. <i>Biomacromolecules</i> , 2006 , 7, 975-80	6.9	275
4 ⁰⁷	Solid-State and Biological Nanopore for Real-Time Sensing of Single Chemical and Sequencing of DNA. <i>Nano Today</i> , 2013 , 8, 56-74	17.9	271
4 ⁰⁶	CdS Quantum Dots-Sensitized TiO ₂ Nanorod Array on Transparent Conductive Glass Photoelectrodes. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 16451-16455	3.8	271
4 ⁰⁵	Carbon-dot-supported atomically dispersed gold as a mitochondrial oxidative stress amplifier for cancer treatment. <i>Nature Nanotechnology</i> , 2019 , 14, 379-387	28.7	267
4 ⁰⁴	Graphene-based transition metal oxide nanocomposites for the oxygen reduction reaction. <i>Nanoscale</i> , 2015 , 7, 1250-69	7.7	249

403	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, 16028-32	11.5	248
402	Self-Assembled GrapheneEnzyme Hierarchical Nanostructures for Electrochemical Biosensing. <i>Advanced Functional Materials</i> , 2010 , 20, 3366-3372	15.6	242
401	Fabrication of Magnetic Luminescent Nanocomposites by a Layer-by-Layer Self-assembly Approach. <i>Chemistry of Materials</i> , 2004 , 16, 4022-4027	9.6	239
400	Co Nanoislands Rooted on Co-N-C Nanosheets as Efficient Oxygen Electrocatalyst for Zn-Air Batteries. <i>Advanced Materials</i> , 2019 , 31, e1901666	24	232
399	Facilitated Lithium Storage in MoS ₂ Overlayers Supported on Coaxial Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 1675-1682	3.8	231
398	Imaging the electrocatalytic activity of single nanoparticles. <i>Nature Nanotechnology</i> , 2012 , 7, 668-72	28.7	228
397	Recent progress in transition metal phosphides with enhanced electrocatalysis for hydrogen evolution. <i>Nanoscale</i> , 2018 , 10, 21617-21624	7.7	227
396	Photoelectrochemical study on charge transfer properties of TiO ₂ -B nanowires with an application as humidity sensors. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 22029-34	3.4	226
395	Optical properties and applications of hybrid semiconductor nanomaterials. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 3015-3041	23.2	210
394	Electrochemical gate-controlled charge transport in graphene in ionic liquid and aqueous solution. <i>Journal of the American Chemical Society</i> , 2009 , 131, 9908-9	16.4	210
393	An ionic liquid-type carbon paste electrode and its polyoxometalate-modified properties. <i>Electrochemistry Communications</i> , 2005 , 7, 1357-1363	5.1	208
392	Electrochemical deposition of silver in room-temperature ionic liquids and its surface-enhanced Raman scattering effect. <i>Langmuir</i> , 2004 , 20, 10260-7	4	201
391	Biofunctional titania nanotubes for visible-light-activated photoelectrochemical biosensing. <i>Analytical Chemistry</i> , 2010 , 82, 2253-61	7.8	200
390	Recent progress in electrocatalytic nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 3531-3543	13	199
389	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		196
388	Colorimetric and ultrasensitive bioassay based on a dual-amplification system using aptamer and DNAzyme. <i>Analytical Chemistry</i> , 2012 , 84, 4711-7	7.8	195
387	Highly Photoluminescent CdTe/Poly(N-isopropylacrylamide) Temperature-Sensitive Gels. <i>Advanced Materials</i> , 2005 , 17, 163-166	24	194
386	Isothermal Amplification for MicroRNA Detection: From the Test Tube to the Cell. <i>Accounts of Chemical Research</i> , 2017 , 50, 1059-1068	24.3	190

385	Au/TiO ₂ /Au as a Plasmonic Coupling Photocatalyst. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 6490-6494	3.8	189
384	Plasmon-Based Colorimetric Nanosensors for Ultrasensitive Molecular Diagnostics. <i>ACS Sensors</i> , 2017 , 2, 857-875	9.2	187
383	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, 1944-55	18.8	187
382	Hydrogen evolution from water using semiconductor nanoparticle/graphene composite photocatalysts without noble metals. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1539-1546		179
381	In situ live cell sensing of multiple nucleotides exploiting DNA/RNA aptamers and graphene oxide nanosheets. <i>Analytical Chemistry</i> , 2013 , 85, 6775-82	7.8	178
380	Fabrication of polymeric ionic liquid/graphene nanocomposite for glucose oxidase immobilization and direct electrochemistry. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2632-7	11.8	178
379	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	3.8	176
378	In Situ Coupling of CoP Polyhedrons and Carbon Nanotubes as Highly Efficient Hydrogen Evolution Reaction Electrocatalyst. <i>Small</i> , 2017 , 13, 1602873	11	175
377	One-pot synthesis, characterization, and enhanced photocatalytic activity of a BiOBr-graphene composite. <i>Chemistry - A European Journal</i> , 2012 , 18, 14359-66	4.8	173
376	Hierarchical Structures Based on Two-Dimensional Nanomaterials for Rechargeable Lithium Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1601906	21.8	172
375	Preparation and Enhanced Photoelectrochemical Performance of Coupled Bicomponent ZnO//TiO ₂ Nanocomposites. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 117-122	3.8	171
374	Black phosphorus quantum dots: synthesis, properties, functionalized modification and applications. <i>Chemical Society Reviews</i> , 2018 , 47, 6795-6823	58.5	168
373	Highly efficient and sustainable non-precious-metal Fe/N electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 2527-2539	13	167
372	Metal oxide hollow nanostructures: Fabrication and Li storage performance. <i>Journal of Power Sources</i> , 2013 , 238, 376-387	8.9	163
371	DNA-directed self-assembly of graphene oxide with applications to ultrasensitive oligonucleotide assay. <i>ACS Nano</i> , 2011 , 5, 3817-22	16.7	160
370	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	5.1	160
369	Application of impedance spectroscopy for monitoring colloid Au-enhanced antibody immobilization and antibody-antigen reactions. <i>Biosensors and Bioelectronics</i> , 2004 , 19, 575-82	11.8	159
368	Hierarchical carbon-coated LiFePO ₄ nanoplate microspheres with high electrochemical performance for Li-ion batteries. <i>Advanced Materials</i> , 2011 , 23, 1126-9	24	158

367	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, 8396-402	7.8	158
366	Pt Nanoparticles Inserting in Carbon Nanotube Arrays: Nanocomposites for Glucose Biosensors. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 13482-13487	3.8	158
365	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		156
364	The graphene/nucleic acid nanobiointerface. <i>Chemical Society Reviews</i> , 2015 , 44, 6954-80	58.5	153
363	Synergy of non-antibiotic drugs and pyrimidinethiol on gold nanoparticles against superbugs. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12940-3	16.4	153
362	A facile way to rejuvenate Ag ₃ PO ₄ as a recyclable highly efficient photocatalyst. <i>Chemistry - A European Journal</i> , 2012 , 18, 5524-9	4.8	151
361	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, 23304-11	3.4	151
360	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, 4278-86	7.8	144
359	Carbon nanofiber-based composites for the construction of mediator-free biosensors. <i>Biosensors and Bioelectronics</i> , 2008 , 23, 1236-43	11.8	144
358	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, 4431-8	7.8	143
357	Uniform and rich-wrinkled electrophoretic deposited graphene film: a robust electrochemical platform for TNT sensing. <i>Chemical Communications</i> , 2010 , 46, 5882-4	5.8	143
356	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	15.6	143
355	Gold Nanoparticles With Special Shapes: Controlled Synthesis, Surface-enhanced Raman Scattering, and The Application in Biodetection. <i>Sensors</i> , 2007 , 7, 3299-3311	3.8	140
354	Polyaniline-carbon composite films as supports of Pt and PtRu particles for methanol electrooxidation. <i>Carbon</i> , 2005 , 43, 2579-2587	10.4	139
353	Layer-by-layer assembly of chemical reduced graphene and carbon nanotubes for sensitive electrochemical immunoassay. <i>Biosensors and Bioelectronics</i> , 2012 , 35, 63-68	11.8	138
352	Interfacial Bioelectrochemistry: Fabrication, Properties and Applications of Functional Nanostructured Biointerfaces. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 2351-2367	3.8	136
351	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, 4797-800		136
350	Highly sensitive electrogenerated chemiluminescence biosensor in profiling protein kinase activity and inhibition using gold nanoparticle as signal transduction probes. <i>Analytical Chemistry</i> , 2010 , 82, 9566-72	7.8	135

349	A hybrid electrochemical-colorimetric sensing platform for detection of explosives. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1390-1	16.4	135
348	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 , 1778-80	5.8	134
347	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	3.5	133
346	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, 8133-9	4.8	133
345	Rutile TiO ₂ nano-branched arrays on FTO for dye-sensitized solar cells. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 7008-13	3.6	131
344	V-shaped tin oxide nanostructures featuring a broad photocurrent signal: an effective visible-light-driven photocatalyst. <i>Small</i> , 2006 , 2, 1436-9	11	131
343	Hollow carbon spheres with wide size distribution as anode catalyst support for direct methanol fuel cells. <i>Electrochemistry Communications</i> , 2007 , 9, 1867-1872	5.1	129
342	Poly-L-lysine Functionalization of Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 15343-15346	3.4	128
341	Hydrazine-linked convergent self-assembly of sophisticated concave polyhedrons of beta-Ni(OH) ₂ and NiO from nanoplate building blocks. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2959-64	16.4	127
340	Hairpin DNA probe based electrochemical biosensor using methylene blue as hybridization indicator. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 1126-30	11.8	123
339	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	17.1	122
338	A novel room temperature ionic liquid sol-gel matrix for amperometric biosensor application. <i>Green Chemistry</i> , 2005 , 7, 655	10	121
337	Facile synthesis of AgBr nanoplates with exposed {111} facets and enhanced photocatalytic properties. <i>Chemical Communications</i> , 2012 , 48, 275-7	5.8	120
336	Direct electrochemistry and electrocatalysis based on film of horseradish peroxidase intercalated into layered titanate nano-sheets. <i>Biosensors and Bioelectronics</i> , 2007 , 23, 102-6	11.8	120
335	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	13	120
334	Interfacial design and functionization on metal electrodes through self-assembled monolayers. <i>Surface Science Reports</i> , 2006 , 61, 445-463	12.9	119
333	Formation of Bi ₂ WO ₆ Bipyramids with Vacancy Pairs for Enhanced Solar-Driven Photoactivity. <i>Advanced Functional Materials</i> , 2015 , 25, 3726-3734	15.6	117
332	Electrochemical DNA biosensor based on the proximity-dependent surface hybridization assay. <i>Analytical Chemistry</i> , 2009 , 81, 1982-7	7.8	117

- 331 Methanol electrooxidation on Pt particles dispersed into PANI/SWNT composite films. *Journal of Power Sources*, **2006**, 155, 118-127 8.9 117
- 330 Duplex DNA/Graphene Oxide Biointerface: From Fundamental Understanding to Specific Enzymatic Effects. *Advanced Functional Materials*, **2012**, 22, 3083-3088 15.6 115
- 329 Room Temperature Ionic Liquid Based Polystyrene Nanofibers with Superhydrophobicity and Conductivity Produced by Electrospinning. *Chemistry of Materials*, **2008**, 20, 3420-3424 9.6 113
- 328 Ni₃Si₂O₅(OH)₄ multi-walled nanotubes with tunable magnetic properties and their application as anode materials for lithium batteries. *Nano Research*, **2011**, 4, 882-890 10 112
- 327 Facile synthesis of wide-bandgap fluorinated graphene semiconductors. *Chemistry - A European Journal*, **2011**, 17, 8896-903 4.8 112
- 326 Functionalization of single-walled carbon nanotubes with Prussian blue. *Electrochemistry Communications*, **2004**, 6, 1180-1184 5.1 112
- 325 Discovery of the DNA "genetic code" for abiological gold nanoparticle morphologies. *Angewandte Chemie - International Edition*, **2012**, 51, 9078-82 16.4 111
- 324 Quantum dots sensitized graphene: In situ growth and application in photoelectrochemical cells. *Electrochemistry Communications*, **2010**, 12, 483-487 5.1 111
- 323 Target-fueled DNA walker for highly selective miRNA detection. *Chemical Science*, **2015**, 6, 6777-6782 9.4 110
- 322 CoS 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 7.7 110
- 321 Highly specific imaging of mRNA in single cells by target RNA-initiated rolling circle amplification. *Chemical Science*, **2017**, 8, 3668-3675 9.4 109
- 320 Hydroxyl-containing antimony oxide bromide nanorods combined with chitosan for biosensors. *Biomaterials*, **2006**, 27, 5740-7 15.6 107
- 319 Mixed ligand system of cysteine and thioglycolic acid assisting in the synthesis of highly luminescent water-soluble CdTe nanorods. *Chemical Communications*, **2004**, 1740-1 5.8 107
- 318 Graphene oxide membranes: Functional structures, preparation and environmental applications. *Nano Today*, **2018**, 20, 121-137 17.9 106
- 317 Solvent-controlled synthesis and electrochemical lithium storage of one-dimensional TiO₂ nanostructures. *Inorganic Chemistry*, **2006**, 45, 6944-9 5.1 106
- 316 Preparation and Properties of Nanostructure Anatase TiO₂ Monoliths Using 1-Butyl-3-methylimidazolium Tetrafluoroborate Room-Temperature Ionic Liquids as Template Solvents. *Crystal Growth and Design*, **2005**, 5, 1643-1649 3.5 105
- 315 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 3.8 104
- 314 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, 1117-25 3.5 104

313	DNA-Sequence-Encoded Rolling Circle Amplicon for Single-Cell RNA Imaging. <i>Chem</i> , 2018 , 4, 1373-1386	16.2	103
312	Layered Titanate Nanosheets Intercalated with Myoglobin for Direct Electrochemistry. <i>Advanced Functional Materials</i> , 2007 , 17, 1958-1965	15.6	103
311	A Room-Temperature Ionic-Liquid-Templated Proton-Conducting Gelatinous Electrolyte. <i>Journal of Physical Chemistry B</i> , 2004 , 108, 17512-17518	3.4	102
310	In situ amplified chemiluminescent detection of DNA and immunoassay of IgG using special-shaped gold nanoparticles as label. <i>Clinical Chemistry</i> , 2006 , 52, 1958-61	5.5	99
309	Graphene-polymer composite: extraction of polycyclic aromatic hydrocarbons from samples by stir rod sorptive extraction. <i>Analytical Methods</i> , 2011 , 3, 92-98	3.2	97
308	Tunable Photocurrent Spectrum in Well-Oriented Zinc Oxide Nanorod Arrays with Enhanced Photocatalytic Activity. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 8850-8855	3.8	97
307	Fe ₂ O ₃ spherical nanocrystals supported on CNTs as efficient non-noble electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 13635-13640	13	95
306	Temperature, ionic strength and pH induced electrochemical switching of smart polymer interfaces. <i>Chemical Communications</i> , 2006 , 4820-2	5.8	94
305	Self-assembled monolayers of thiols on gold electrodes for bioelectrochemistry and biosensors. <i>Bioelectrochemistry</i> , 1997 , 42, 7-13		90
304	DNA-Encoded Tuning of Geometric and Plasmonic Properties of Nanoparticles Growing from Gold Nanorod Seeds. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8114-8	16.4	89
303	Gate-controlled electron transport in coronenes as a bottom-up approach towards graphene transistors. <i>Nature Communications</i> , 2010 , 1, 31	17.4	89
302	High-temperature gating of solid-state nanopores with thermo-responsive macromolecular nanoactuators in ionic liquids. <i>Advanced Materials</i> , 2012 , 24, 962-7	24	88
301	Strong reduced graphene oxide/polymer composites: hydrogels and wires. <i>RSC Advances</i> , 2012 , 2, 6988	3.7	87
300	Direct electron transfer to cytochrome c oxidase in self-assembled monolayers on gold electrodes. <i>Journal of Electroanalytical Chemistry</i> , 1996 , 416, 97-104	4.1	87
299	Facile Spot-Heating Synthesis of Carbon Dots/Carbon Nitride for Solar Hydrogen Evolution Synchronously with Contaminant Decomposition. <i>Advanced Functional Materials</i> , 2018 , 28, 1706462	15.6	86
298	Electrochemical DNA sensor by the assembly of graphene and DNA-conjugated gold nanoparticles with silver enhancement strategy. <i>Analyst, The</i> , 2011 , 136, 4732-7	5	86
297	Enhanced Photocatalytic Properties of Mesoporous SnO ₂ Induced by Low Concentration ZnO Doping. <i>Crystal Growth and Design</i> , 2007 , 7, 1722-1725	3.5	86
296	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, 6153-9	7.8	85

295	Sensitive nanochannel biosensor for T4 polynucleotide kinase activity and inhibition detection. <i>Analytical Chemistry</i> , 2013 , 85, 334-40	7.8	85
294	A novel nickel-based mixed rare-earth oxide/activated carbon supercapacitor using room temperature ionic liquid electrolyte. <i>Electrochimica Acta</i> , 2006 , 51, 1925-1931	6.7	85
293	Oriented nano-structured hydroxyapatite from the template. <i>Chemical Physics Letters</i> , 2003 , 376, 493-497	7.5	84
292	Proton-driven transformable nanovaccine for cancer immunotherapy. <i>Nature Nanotechnology</i> , 2020 , 15, 1053-1064	28.7	83
291	Three-Dimensional Nitrogen-Doped Graphene/MnO Nanoparticle Hybrids as a High-Performance Catalyst for Oxygen Reduction Reaction. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 8032-8037	3.8	82
290	Facet-dependent photocatalytic properties of AgBr nanocrystals. <i>Small</i> , 2012 , 8, 2802-6	11	82
289	The self-assembly of porous microspheres of tin dioxide octahedral nanoparticles for high performance lithium ion battery anode materials. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10189		82
288	Enhanced photoelectrochemical method for linear DNA hybridization detection using Au-nanoparticle labeled DNA as probe onto titanium dioxide electrode. <i>Biosensors and Bioelectronics</i> , 2008 , 23, 1534-9	11.8	82
287	Electrocatalysis on shape-controlled titanium nitride nanocrystals for the oxygen reduction reaction. <i>ChemSusChem</i> , 2013 , 6, 2016-21	8.3	81
286	Polycrystalline CoP/CoP ₂ Structures for Efficient Full Water Splitting. <i>ChemElectroChem</i> , 2018 , 5, 701-707	7.3	81
285	Reusable and dual-potential responses electrogenerated chemiluminescence biosensor for synchronously cytosensing and dynamic cell surface N-glycan evaluation. <i>Analytical Chemistry</i> , 2015 , 87, 9777-85	7.8	79
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