

Li Jinghong

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

438
papers

48,068
citations

112
h-index

209
g-index

457
ext. papers

51,917
ext. citations

8.8
avg, IF

8.04
L-index

#	Paper	IF	Citations
438	Nanomaterials with changeable physicochemical property for boosting cancer immunotherapy.. <i>Journal of Controlled Release</i> , 2022 , 342, 210-227	11.7	1
437	Effective stabilization of atomic hydrogen by Pd nanoparticles for rapid hexavalent chromium reduction and synchronous bisphenol A oxidation during the photoelectrocatalytic process. <i>Journal of Hazardous Materials</i> , 2022 , 422, 126974	12.8	2
436	Dynamic single-molecule sensing by actively tuning binding kinetics for ultrasensitive biomarker detection.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2120379119	11.5	1
435	Direct optical patterning of perovskite nanocrystals with ligand cross-linkers.. <i>Science Advances</i> , 2022 , 8, eabm8433	14.3	10
434	Bioanalysis. <i>Current Analytical Chemistry</i> , 2022 , 18, 599-600	1.7	
433	Single-cell Visualization of Monogenic RNA G-quadruplex and Occupied G-quadruplex Ratio through Module Assembled Multifunctional Probes Assay (MAMPA). <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	4
432	Rolling Circle Amplification-Assisted Flow Cytometry Approach for Simultaneous Profiling of Exosomal Surface Proteins. <i>ACS Sensors</i> , 2021 , 6, 3611-3620	9.2	7
431	Precise Subcellular Organelle Targeting for Boosting Endogenous-Stimuli-Mediated Tumor Therapy. <i>Advanced Materials</i> , 2021 , 33, e2101572	24	6
430	Fluorescent and Opt-Electric Recording Bacterial Identification Device for Ultrasensitive and Specific Detection of Microbials. <i>ACS Sensors</i> , 2021 , 6, 443-449	9.2	4
429	Botulinum toxin as an ultrasensitive reporter for bacterial and SARS-CoV-2 nucleic acid diagnostics. <i>Biosensors and Bioelectronics</i> , 2021 , 176, 112953	11.8	4
428	Automated Nanoparticle Analysis in Surface Plasmon Resonance Microscopy. <i>Analytical Chemistry</i> , 2021 , 93, 7399-7404	7.8	5
427	Ultrasound Controlled Anti-Inflammatory Polarization of Platelet Decorated Microglia for Targeted Ischemic Stroke Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 5083-5090	16.4	17
426	Ultrasound Controlled Anti-Inflammatory Polarization of Platelet Decorated Microglia for Targeted Ischemic Stroke Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 5143-5150	3.6	
425	Localized surface plasmon resonance for enhanced electrocatalysis. <i>Chemical Society Reviews</i> , 2021 , 50, 12070-12097	58.5	18
424	Hybrid layered double hydroxides as multifunctional nanomaterials for overall water splitting and supercapacitor applications. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 4528-4557	13	32
423	Sulfur defect-rich WS ₂ nanosheet electrocatalysts for N ₂ reduction. <i>Science China Materials</i> , 2021 , 64, 1910-1918	7.1	6
422	Neutrophil Delivered Hollow Titania Covered Persistent Luminescent Nanosensitizer for Ultrasound Augmented Chemo/Immuno Glioblastoma Therapy. <i>Advanced Science</i> , 2021 , 8, e2004381	13.6	8

4 ²¹	Single-Cell Imaging of m6A Modified RNA Using m6A-Specific In Situ Hybridization Mediated Proximity Ligation Assay (m6AISH-PLA). <i>Angewandte Chemie</i> , 2021 , 133, 22828	3.6	0
4 ²⁰	Combining tag-specific primer extension and magneto-DNA system for Cas14a-based universal bacterial diagnostic platform. <i>Biosensors and Bioelectronics</i> , 2021 , 185, 113262	11.8	15
4 ¹⁹	Single-Cell Imaging of m A Modified RNA Using m A-Specific In Situ Hybridization Mediated Proximity Ligation Assay (m AISH-PLA). <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22646-22651	16.4	4
4 ¹⁸	Titelbild: Single-Cell Imaging of m6A Modified RNA Using m6A-Specific In Situ Hybridization Mediated Proximity Ligation Assay (m6AISH-PLA) (Angew. Chem. 42/2021). <i>Angewandte Chemie</i> , 2021 , 133, 22769	3.6	
4 ¹⁷	trans Single-Stranded DNA Cleavage via CRISPR/Cas14a1 Activated by Target RNA without Destruction. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24241-24247	16.4	6
4 ¹⁶	Cas12a-Activated Universal Field-Deployable Detectors for Bacterial Diagnostics. <i>ACS Omega</i> , 2020 , 5, 14814-14821	3.9	12
4 ¹⁵	Recent Advances in Transition Metal Phosphide Electrocatalysts for Water Splitting under Neutral pH Conditions. <i>ChemElectroChem</i> , 2020 , 7, 3578-3589	4.3	26
4 ¹⁴	Electrochemistry in Carbon-based Quantum Dots. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1214-1224	4.5	16
4 ¹³	Manipulation of Neighboring Palladium and Mercury Atoms for Efficient *OH Transformation in Anodic Alcohol Oxidation and Cathodic Oxygen Reduction Reactions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 12677-12685	9.5	7
4 ¹²	Aptamer-based Homogeneous Analysis for Food Control. <i>Current Analytical Chemistry</i> , 2020 , 16, 4-13	1.7	33
4 ¹¹	CuO/Cu ₂ O nanowire array photoelectrochemical biosensor for ultrasensitive detection of tyrosinase. <i>Science China Chemistry</i> , 2020 , 63, 1012-1018	7.9	9
4 ¹⁰	Y-Shaped Circular Aptamer-DNAzyme Conjugates for Highly Efficient in Vivo Gene Silencing. <i>CCS Chemistry</i> , 2020 , 2, 631-641	7.2	9
4 ⁰⁹	Lighting up single-nucleotide variation in situ in single cells and tissues. <i>Chemical Society Reviews</i> , 2020 , 49, 1932-1954	58.5	15
4 ⁰⁸	Ideal design of air electrode a step closer toward robust rechargeable Zn-air battery. <i>APL Materials</i> , 2020 , 8, 050905	5.7	18
4 ⁰⁷	In-situ stabilizing surface oxygen vacancies of TiO ₂ nanowire array photoelectrode by N-doped carbon dots for enhanced photoelectrocatalytic activities under visible light. <i>Journal of Catalysis</i> , 2020 , 382, 212-227	7.3	14
4 ⁰⁶	Graphene-nucleic acid biointerface-engineered biosensors with tunable dynamic range. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 3623-3630	7.3	7
4 ⁰⁵	Atomic-Level Nanorings (A-NRs) Therapeutic Agent for Photoacoustic Imaging and Photothermal/Photodynamic Therapy of Cancer. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1735-1739	16.4	71
4 ⁰⁴	Ultrasmall Au nanoclusters for bioanalytical and biomedical applications: the undisclosed and neglected roles of ligands in determining the nanoclusters' catalytic activities. <i>Nanoscale Horizons</i> , 2020 , 5, 1355-1367	10.8	9

403	Molecular mechanisms underlying the extreme mechanical anisotropy of the flaviviral exoribonuclease-resistant RNAs (xrRNAs). <i>Nature Communications</i> , 2020 , 11, 5496	17.4	5
402	Proton-driven transformable nanovaccine for cancer immunotherapy. <i>Nature Nanotechnology</i> , 2020 , 15, 1053-1064	28.7	83
401	Preparation and aggregate state regulation of co-assembly graphene oxide-porphyrin composite Langmuir films via surface-modified graphene oxide sheets. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 584, 124023	5.1	62
400	2 D Hybrid of Ni-LDH Chips on Carbon Nanosheets as Cathode of Zinc-Air Battery for Electrocatalytic Conversion of O into H O. <i>ChemSusChem</i> , 2020 , 13, 1496-1503	8.3	15
399	Recent Progress and Development in Inorganic Halide Perovskite Quantum Dots for Photoelectrochemical Applications. <i>Small</i> , 2020 , 16, e1903398	11	69
398	Intrinsic Conformation-Induced Fluorescence Resonance Energy Transfer Aptasensor.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2553-2559	4.1	8
397	Microfluidic systems for rapid antibiotic susceptibility tests (ASTs) at the single-cell level. <i>Chemical Science</i> , 2020 , 11, 6352-6361	9.4	21
396	Trypsin-Amplified Aerolysin Nanopore Amplified Sandwich Assay for Attomolar Nucleic Acid and Single Bacteria Detection. <i>Analytical Chemistry</i> , 2019 , 91, 14043-14048	7.8	12
395	Recent progress in electrocatalytic nitrogen reduction. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 3531-3543	13.3	199
394	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
393	One-step hydrothermal synthesis of fluorescent MXene-like titanium carbonitride quantum dots. <i>Inorganic Chemistry Communication</i> , 2019 , 105, 151-157	3.1	24
392	Cascade Transcription Amplification of RNA Aptamer for Ultrasensitive MicroRNA Detection. <i>Analytical Chemistry</i> , 2019 , 91, 5295-5302	7.8	52
391	Peptide-modified nanochannel system for carboxypeptidase B activity detection. <i>Analytica Chimica Acta</i> , 2019 , 1057, 36-43	6.6	6
390	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
389	Interfacial Engineering of SeO Ligands on Tellurium Featuring Synergistic Functionalities of Bond Activation and Chemical States Buffering toward Electrocatalytic Conversion of Nitrogen to Ammonia. <i>Advanced Science</i> , 2019 , 6, 1901627	13.6	21
388	RNA Splicing Analysis: From In Vitro Testing to Single-Cell Imaging. <i>CheM</i> , 2019 , 5, 2571-2592	16.2	31
387	A transcription aptasensor: amplified, label-free and culture-independent detection of foodborne pathogens via light-up RNA aptamers. <i>Chemical Communications</i> , 2019 , 55, 10096-10099	5.8	35
386	Synergistic Electrocatalytic Nitrogen Reduction Enabled by Confinement of Nanosized Au Particles onto a Two-Dimensional TiC Substrate. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25758-25765	9.5	62

385	Rolling circle amplification for single cell analysis and in situ sequencing. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 121, 115700	14.6	33
384	RNA Strand Displacement Responsive CRISPR/Cas9 System for mRNA Sensing. <i>Analytical Chemistry</i> , 2019 , 91, 3989-3996	7.8	67
383	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
382	2D Gelatin Methacrylate Hydrogels with Tunable Stiffness for Investigating Cell Behaviors.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 570-576	4.1	8
381	Construction of HO-responsive asymmetric 2D nanofluidic channels with graphene and peroxidase-mimetic VO nanowires. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 4041-4048	4.4	6
380	Optical Imaging of Charges with Atomically Thin Molybdenum Disulfide. <i>ACS Nano</i> , 2019 , 13, 2298-2306	16.7	6
379	Emerging Applications of Nanotechnology for Controlling Cell-Surface Receptor Clustering. <i>Angewandte Chemie</i> , 2019 , 131, 4840-4849	3.6	20
378	Emerging Applications of Nanotechnology for Controlling Cell-Surface Receptor Clustering. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4790-4799	16.4	65
377	Antisense Oligonucleotide-Conjugated Nanostructure-Targeting lncRNA MALAT1 Inhibits Cancer Metastasis. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 37-42	9.5	66
376	DNA-Sequence-Encoded Rolling Circle Amplicon for Single-Cell RNA Imaging. <i>CheM</i> , 2018 , 4, 1373-1386	16.2	103
375	Graphene oxide membranes: Functional structures, preparation and environmental applications. <i>Nano Today</i> , 2018 , 20, 121-137	17.9	106
374	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
373	Solid-phase microextraction of volatile organic compounds in headspace of PM-induced MRC-5 cell lines. <i>Talanta</i> , 2018 , 185, 23-29	6.2	5
372	Molybdenum Carbide-Decorated Metallic Cobalt@Nitrogen-Doped Carbon Polyhedrons for Enhanced Electrocatalytic Hydrogen Evolution. <i>Small</i> , 2018 , 14, e1704227	11	77
371	High-Efficient, Stable Electrocatalytic Hydrogen Evolution in Acid Media by Amorphous Fe P Coating Fe N Supported on Reduced Graphene Oxide. <i>Small</i> , 2018 , 14, e1801717	11	57
370	Black phosphorus quantum dots: synthesis, properties, functionalized modification and applications. <i>Chemical Society Reviews</i> , 2018 , 47, 6795-6823	58.5	168
369	Amplified Tandem Spinach-Based Aptamer Transcription Enables Low Background miRNA Detection. <i>Analytical Chemistry</i> , 2018 , 90, 10001-10008	7.8	72
368	Direct Visualization of Single-Nucleotide Variation in mtDNA Using a CRISPR/Cas9-Mediated Proximity Ligation Assay. <i>Journal of the American Chemical Society</i> , 2018 , 140, 11293-11301	16.4	76

367	Highly efficient and sustainable non-precious-metal FeNi electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 2527-2539	13	167
366	Polycrystalline CoP/CoP ₂ Structures for Efficient Full Water Splitting. <i>ChemElectroChem</i> , 2018 , 5, 701-707	7.3	81
365	Rapidly catalysis of oxygen evolution through sequential engineering of vertically layered FeNi structure. <i>Nano Energy</i> , 2018 , 43, 359-367	17.1	39
364	Ferric phosphide carbon nanocomposites emerging as highly active electrocatalysts for the hydrogen evolution reaction. <i>Dalton Transactions</i> , 2018 , 47, 16011-16018	4.3	10
363	Tailoring oxygen vacancy on Co ₃ O ₄ nanosheets with high surface area for oxygen evolution reaction. <i>Chinese Journal of Chemical Physics</i> , 2018 , 31, 517-522	0.9	14
362	Temperature-Robust DNAzyme Biosensors Confirming Ultralow Background Detection. <i>ACS Sensors</i> , 2018 , 3, 2660-2666	9.2	21
361	Recognition-Enhanced Metastably Shielded Aptamer for Digital Quantification of Small Molecules. <i>Analytical Chemistry</i> , 2018 , 90, 14347-14354	7.8	20
360	Recent progress in transition metal phosphides with enhanced electrocatalysis for hydrogen evolution. <i>Nanoscale</i> , 2018 , 10, 21617-21624	7.7	227
359	Label-free imaging of epidermal growth factor receptor-induced response in single living cells. <i>Analyst</i> , 2018 , 143, 5264-5270	5	6
358	SpliceRCA: Single-Cell Analysis of mRNA Splicing Variants. <i>ACS Central Science</i> , 2018 , 4, 680-687	16.8	23
357	Tunable stiffness of graphene oxide/polyacrylamide composite scaffolds regulates cytoskeleton assembly. <i>Chemical Science</i> , 2018 , 9, 6516-6522	9.4	15
356	In Situ Coupling of CoP Polyhedrons and Carbon Nanotubes as Highly Efficient Hydrogen Evolution Reaction Electrocatalyst. <i>Small</i> , 2017 , 13, 1602873	11	175
355	Hierarchical Structures Based on Two-Dimensional Nanomaterials for Rechargeable Lithium Batteries. <i>Advanced Energy Materials</i> , 2017 , 7, 1601906	21.8	172
354	Graphene/polyaniline electrodeposited needle trap device for the determination of volatile organic compounds in human exhaled breath vapor and A549 cell. <i>RSC Advances</i> , 2017 , 7, 11959-11968	3.7	15
353	Highly specific imaging of mRNA in single cells by target RNA-initiated rolling circle amplification. <i>Chemical Science</i> , 2017 , 8, 3668-3675	9.4	109
352	Porous Nanobimetallic Fe-Mn Cubes with High Valent Mn and Highly Efficient Removal of Arsenic(III). <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14868-14877	9.5	28
351	Plasmon-Based Colorimetric Nanosensors for Ultrasensitive Molecular Diagnostics. <i>ACS Sensors</i> , 2017 , 2, 857-875	9.2	187
350	RNA splicing process analysis for identifying antisense oligonucleotide inhibitors with padlock probe-based isothermal amplification. <i>Chemical Science</i> , 2017 , 8, 5692-5698	9.4	13

349	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
348	A novel polyaniline/polypyrrole/graphene oxide fiber for the determination of volatile organic compounds in headspace gas of lung cell lines. <i>Talanta</i> , 2017 , 167, 623-629	6.2	23
347	Label-Free Nanopore Biosensor for Rapid and Highly Sensitive Cocaine Detection in Complex Biological Fluids. <i>ACS Sensors</i> , 2017 , 2, 227-234	9.2	42
346	Construction of Plasmonic Nano-Biosensor-Based Devices for Point-of-Care Testing. <i>Small Methods</i> , 2017 , 1, 1700197	12.8	42
345	Single-cell study of the extracellular matrix effect on cell growth by imaging of gene expression. <i>Chemical Science</i> , 2017 , 8, 8019-8024	9.4	7
344	Self-Supported Ferric Phosphide Spherical Clusters as Efficient Electrocatalysts for Hydrogen Evolution Reaction. <i>ChemistrySelect</i> , 2017 , 2, 9472-9478	1.8	6
343	NiCo Bimetallic Sulfide Coated with Reduced Graphene Oxide and Carbon for High-Capacitance Supercapacitor. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 4091-4098	1.3	5
342	Photoactuation Healing of FeOOH@g-C ₃ N Catalyst for Efficient and Stable Activation of Persulfate. <i>Small</i> , 2017 , 13, 1702225	11	49
341	Multiple-targeted graphene-based nanocarrier for intracellular imaging of mRNAs. <i>Analytica Chimica Acta</i> , 2017 , 983, 1-8	6.6	23
340	CoS nanoparticles anchored on nitrogen and sulfur dual-doped carbon nanosheets as highly efficient bifunctional electrocatalyst for oxygen evolution and reduction reactions. <i>Nanoscale</i> , 2017 , 9, 12432-12440	7.7	110
339	Reversible control of cell membrane receptor function using DNA nano-spring multivalent ligands. <i>Chemical Science</i> , 2017 , 8, 7098-7105	9.4	40
338	Nanopore-Based, Label-Free, and Real-Time Monitoring Assay for DNA Methyltransferase Activity and Inhibition. <i>Analytical Chemistry</i> , 2017 , 89, 13252-13260	7.8	29
337	Unique Hierarchical MoC/C Nanosheet Hybrids as Active Electrocatalyst for Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 41314-41322	9.5	76
336	Multienzyme decorated polysaccharide amplified electrogenerated chemiluminescence biosensor for cytosensing and cell surface carbohydrate profiling. <i>Biosensors and Bioelectronics</i> , 2017 , 89, 1013-1019	11.8	24
335	A label-free DNzyme-based nanopore biosensor for highly sensitive and selective lead ion detection. <i>Analytical Methods</i> , 2016 , 8, 7040-7046	3.2	23
334	Co ₃ O ₄ Hollow Polyhedrons as Bifunctional Electrocatalysts for Reduction and Evolution Reactions of Oxygen. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 887-895	3.1	38
333	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
332	Label-Free Imaging of Histamine Mediated G Protein-Coupled Receptors Activation in Live Cells. <i>Analytical Chemistry</i> , 2016 , 88, 11498-11503	7.8	6

331	Earth-Rich Transition Metal Phosphide for Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2016 , 6, 1600087	21.8	354
330	Applications of graphene and its derivatives in intracellular biosensing and bioimaging. <i>Analyst, The</i> , 2016 , 141, 4541-53	5	50
329	Facet-defined AgCl nanocrystals with surface-electronic-structure-dominated photoreactivities. <i>Nano Energy</i> , 2016 , 19, 8-16	17.1	35
328	Single-Molecule Analysis of Human Telomere Sequence Interactions with G-quadruplex Ligand. <i>Analytical Chemistry</i> , 2016 , 88, 4533-40	7.8	22
327	Two-dimensional layered MoS ₂ : rational design, properties and electrochemical applications. <i>Energy and Environmental Science</i> , 2016 , 9, 1190-1209	35.4	432
326	Energy harvesting from enzymatic biowaste reaction through polyelectrolyte functionalized 2D nanofluidic channels. <i>Chemical Science</i> , 2016 , 7, 3645-3648	9.4	19
325	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
324	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
323	In Situ Molten Salt Template Strategy for Hierarchical 3D Porous Carbon from Palm Shells as Advanced Electrochemical Supercapacitors. <i>ChemistrySelect</i> , 2016 , 1, 2167-2173	1.8	20
322	Substitution Boosts Charge Separation for High Solar-Driven Photocatalytic Performance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 26783-26793	9.5	30
321	Highly sensitive electrogenerated chemiluminescence biosensor for galactosyltransferase activity and inhibition detection using gold nanorod and enzymatic dual signal amplification. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 781, 83-89	4.1	5
320	Cas9 cleavage assay for pre-screening of sgRNAs using nicking triggered isothermal amplification. <i>Chemical Science</i> , 2016 , 7, 4951-4957	9.4	47
319	Electrochemical reactions in subfemtoliter-droplets studied with plasmonics-based electrochemical current microscopy. <i>Analytical Chemistry</i> , 2015 , 87, 494-8	7.8	13
318	Flawed MoO ₂ belts transformed from MoO ₃ on a graphene template for the hydrogen evolution reaction. <i>Nanoscale</i> , 2015 , 7, 7040-4	7.7	64
317	Highly reduced graphene oxide supported Pt nanocomposites as highly efficient catalysts for methanol oxidation. <i>Chemical Communications</i> , 2015 , 51, 2418-20	5.8	36
316	The graphene/nucleic acid nanobiointerface. <i>Chemical Society Reviews</i> , 2015 , 44, 6954-80	58.5	153
315	Redox Conversion of Chromium(VI) and Arsenic(III) with the Intermediates of Chromium(V) and Arsenic(IV) via AuPd/CNTs Electrocatalysis in Acid Aqueous Solution. <i>Environmental Science & Technology</i> , 2015 , 49, 9289-97	10.3	72
314	Graphene-based electrode materials for microbial fuel cells. <i>Science China Materials</i> , 2015 , 58, 496-509	7.1	56

313	Enzyme-guided plasmonic biosensor based on dual-functional nanohybrid for sensitive detection of thrombin. <i>Biosensors and Bioelectronics</i> , 2015 , 70, 404-10	11.8	30
312	Highly Efficient AuPd/Carbon Nanotube Nanocatalysts for the Electro-Fenton Process. <i>Chemistry - A European Journal</i> , 2015 , 21, 7611-20	4.8	26
311	Label-free nanopore proximity bioassay for platelet-derived growth factor detection. <i>Analytical Chemistry</i> , 2015 , 87, 5677-82	7.8	48
310	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
309	Selective electrochemical detection of dopamine using nitrogen-doped graphene/manganese monoxide composites. <i>RSC Advances</i> , 2015 , 5, 85065-85072	3.7	27
308	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
307	Nitrogen-Doped Three Dimensional Graphene for Electrochemical Sensing. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 4900-7	1.3	4
306	Molybdenum-doped mesoporous carbon/graphene composites as efficient electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 19969-19973	13	37
305	Target-fueled DNA walker for highly selective miRNA detection. <i>Chemical Science</i> , 2015 , 6, 6777-6782	9.4	110
304	Digital quantification of miRNA directly in plasma using integrated comprehensive droplet digital detection. <i>Lab on A Chip</i> , 2015 , 15, 4217-26	7.2	52
303	Heating Treated Carbon Nanotubes As Highly Active Electrocatalysts for Oxygen Reduction Reaction. <i>Electrochimica Acta</i> , 2015 , 154, 177-183	6.7	26
302	Visible-light induced photocatalytic activity of electrospun-TiO ₂ in arsenic(III) oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 511-8	9.5	39
301	Carbon nanotube enhanced label-free detection of microRNAs based on hairpin probe triggered solid-phase rolling-circle amplification. <i>Nanoscale</i> , 2015 , 7, 987-93	7.7	68
300	Tungsten nitride nanocrystals on nitrogen-doped carbon black as efficient electrocatalysts for oxygen reduction reactions. <i>Chemical Communications</i> , 2015 , 51, 572-5	5.8	61
299	Graphene-based transition metal oxide nanocomposites for the oxygen reduction reaction. <i>Nanoscale</i> , 2015 , 7, 1250-69	7.7	249
298	Metallic and ferromagnetic MoS ₂ nanobelts with vertically aligned edges. <i>Nano Research</i> , 2015 , 8, 2946-2053		26
297	One-Step Synthesis of MnO ₂ Flower/Carbon Nanotube with Improved Lithium Storage Properties. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 2896-901	1.3	4
296	DNA-Encoded Tuning of Geometric and Plasmonic Properties of Nanoparticles Growing from Gold Nanorod Seeds. <i>Angewandte Chemie</i> , 2015 , 127, 8232-8236	3.6	11

295	Label-Free Imaging of Dynamic and Transient Calcium Signaling in Single Cells. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13576-80	16.4	18
294	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
293	Label-Free Imaging of Dynamic and Transient Calcium Signaling in Single Cells. <i>Angewandte Chemie</i> , 2015 , 127, 13780-13784	3.6	3
292	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
291	Band Γ -Fe ₂ O ₃ nanoparticle/nitrogen doped carbon nanotube catalysts for high-performance oxygen reduction reaction. <i>Science China Materials</i> , 2015 , 58, 683-692	7.1	59
290	Ionic liquid assisted electrospun cellulose acetate fibers for aqueous removal of triclosan. <i>Langmuir</i> , 2015 , 31, 1820-7	4	18
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