

Hong-Yuan Chen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/104222/hong-yuan-chen-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

926
papers

44,126
citations

100
h-index

160
g-index

968
ext. papers

49,099
ext. citations

7.1
avg. IF

7.91
L-index

#	Paper	IF	Citations
926	Machine Learning Assisted Simultaneous Structural Profiling of Differently Charged Proteins in a Porin A (MspA) Electroosmotic Trap.. <i>Journal of the American Chemical Society</i> , 2022 , 144, 757-768	16.4	2
925	Electrochemically Imaging the Response of Ion-Selective Membranes with an Ultralow Detection Limit.. <i>ACS Applied Materials & Interfaces</i> , 2022 , 14, 14097-14102	9.5	
924	Light-Fueled Organic Photoelectrochemical Transistor for Probing Membrane Protein in an H-Cell. <i>Advanced Materials Interfaces</i> , 2022 , 9, 2102040	4.6	0
923	Single particle plasmonic and electrochemical dual mode detection of amantadine.. <i>Analytica Chimica Acta</i> , 2022 , 1209, 339838	6.6	
922	A plasmonic Au-Ag janus nanoprobe for monitoring endogenous hydrogen sulfide generation in living cells. <i>Biosensors and Bioelectronics</i> , 2022 , 213, 114422	11.8	1
921	Nanopipettes for the Electrochemical Study of Enhanced Enzymatic Activity in a Femtoliter Space. <i>Analytical Chemistry</i> , 2021 , 93, 14521-14526	7.8	2
920	Evidence of immunogenic cancer cell death induced by honey-processed Astragalus polysaccharides in vitro and in vivo. <i>Experimental Cell Research</i> , 2021 , 410, 112948	4.2	0
919	An Activatable Afterglow/MRI Bimodal Nanoprobe with Fast Response to H S for In Vivo Imaging of Acute Hepatitis. <i>Angewandte Chemie - International Edition</i> , 2021 , 61, e202111759	16.4	2
918	Programmable nano-reactors for stochastic sensing. <i>Nature Communications</i> , 2021 , 12, 5811	17.4	3
917	Microscopic Screening of Cyclodextrin Channel Blockers by DiffusiOptoPhysiology. <i>Analytical Chemistry</i> , 2021 , 93, 14161-14168	7.8	0
916	Super-Resolution Electrogenerated Chemiluminescence Microscopy for Single-Nanocatalyst Imaging. <i>Journal of the American Chemical Society</i> , 2021 , 143, 18511-18518	16.4	15
915	CRISPR-Cas12a-based efficient electrochemiluminescence biosensor for ATP detection. <i>Analytica Chimica Acta</i> , 2021 , 1188, 339180	6.6	0
914	Versatile porous nanomaterials for electrochemiluminescence biosensing: Recent advances and future perspective. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 902, 115821	4.1	0
913	Dual Recognition DNA Triangular Prism Nanoprobe: Toward the Relationship between K and pH in Lysosomes. <i>Analytical Chemistry</i> , 2021 , 93, 14892-14899	7.8	3
912	A Single-Molecule Observation of Dichloroaurate(I) Binding to an Engineered porin A (MspA) Nanopore. <i>Analytical Chemistry</i> , 2021 , 93, 1529-1536	7.8	3
911	Ultrasensitive Nucleic Acid Assay Based on Cyclometalated Iridium(III) Complex with High Electrochemiluminescence Efficiency. <i>Analytical Chemistry</i> , 2021 , 93, 1686-1692	7.8	13
910	High Spatial Resolution Electrochemical Microscopic Observation of Enhanced Charging under Bias at Active Sites of N-rGO. <i>ACS Applied Energy Materials</i> , 2021 , 4, 3502-3507	6.1	4

909	Ultrasensitive Nucleic Acid Assay Based on AIE-Active Polymer Dots with Excellent Electrochemiluminescence Stability. <i>Analytical Chemistry</i> , 2021 , 93, 6857-6864	7.8	11
908	Dual-Mode SERS and Electrochemical Detection of miRNA Based on Popcorn-like Gold Nanofilms and Toehold-Mediated Strand Displacement Amplification Reaction. <i>Analytical Chemistry</i> , 2021 , 93, 6120-6127 ³⁰	7.8	0
907	Rapid analysis and identification of dianthrone glycosides in Polygoni Multiflori Caulis based on enrichment of macroporous absorbent resin and UPLC-Q-TOF-MS/MS. <i>Phytochemical Analysis</i> , 2021 , 32, 1082-1101	3.4	1
906	Twin Nanopipettes for Real-Time Electrochemical Monitoring of Cytoplasmic Microviscosity at a Single-Cell Level. <i>Analytical Chemistry</i> , 2021 , 93, 6831-6838	7.8	0
905	Photocontrolled Nanopipette Biosensor for ATP Gradient Electroanalysis of Single Living Cells. <i>ACS Sensors</i> , 2021 , 6, 1529-1535	9.2	4
904	Living-DNA Nanogel Appendant Enables Modulation and Quantification of Regulation Effects on Membrane Proteins.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 4565-4574	4.1	0
903	Hasubanan alkaloids with anti-inflammatory activity from. <i>Natural Product Research</i> , 2021 , 1-6	2.3	0
902	Degradable Hybrid CuS Nanoparticles for Imaging-Guided Synergistic Cancer Therapy via Low-Power NIR-II Light Excitation. <i>CCS Chemistry</i> , 2021 , 3, 1336-1349	7.2	14
901	Living-Cell MicroRNA Imaging with Self-Assembling Fragments of Fluorescent Protein-Mimic RNA Aptamer. <i>ACS Sensors</i> , 2021 , 6, 2339-2347	9.2	4
900	A Practical Electrochemical Nanotool for Facile Quantification of Amino Acids in Single Cell. <i>Small</i> , 2021 , 17, e2100503	11	5
899	Boosted anodic electrochemiluminescence from blue-emissive sulfur quantum dots and its bioanalysis of glutathione. <i>Electrochimica Acta</i> , 2021 , 381, 138281	6.7	10
898	Recent advances in nanotechnology for simultaneous detection of multiple pathogenic bacteria. <i>Nano Today</i> , 2021 , 38, 101121	17.9	16
897	Mapping Potential Engineering Sites of porin A (MspA) to Form a Nanoreactor. <i>ACS Sensors</i> , 2021 , 6, 2449-2456	9.2	1
896	Structural-profiling of low molecular weight RNAs by nanopore trapping/translocation using Mycobacterium smegmatis porin A. <i>Nature Communications</i> , 2021 , 12, 3368	17.4	8
895	Dark-field microscopic real-time monitoring the growth of Au on CuO nanocubes for ultra-sensitive glucose detection. <i>Analytica Chimica Acta</i> , 2021 , 1162, 338503	6.6	5
894	Single-molecule calorimeter and free energy landscape. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
893	Heat transfer and thermoregulation within single cells revealed by transient plasmonic imaging. <i>Chem</i> , 2021 , 7, 1569-1587	16.2	7
892	Molecular Engineering of Polymer Dots for Electrochemiluminescence Emission. <i>ACS Applied Nano Materials</i> , 2021 , 4, 7244-7252	5.6	0

891	Dissecting the Flash Chemistry of Electrogenerated Reactive Intermediates by Microdroplet Fusion Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18494-18498	16.4	5
890	Dual-Mode Scattering Nanoprobes for Imaging Hydrogen Sulfide in Living Cells. <i>ACS Applied Nano Materials</i> , 2021 , 4, 7319-7329	5.6	5
889	Core-Shell Plasmonic Nanomaterials toward: Dual-Mode Imaging Analysis of Glutathione and Enhanced Chemodynamic Therapy. <i>Analytical Chemistry</i> , 2021 , 93, 10317-10325	7.8	2
888	Single Molecule Ratcheting Motion of Peptides in a Porin A (MspA) Nanopore. <i>Nano Letters</i> , 2021 , 21, 6703-6710	11.5	21
887	Dissecting the Flash Chemistry of Electrogenerated Reactive Intermediates by Microdroplet Fusion Mass Spectrometry. <i>Angewandte Chemie</i> , 2021 , 133, 18642-18646	3.6	2
886	Ion-selective polymer dots for photoelectrochemical detection of potassium ions. <i>Analyst, The</i> , 2021 , 146, 450-453	5	1
885	Target-Triggered Assembly in a Nanopipette for Electrochemical Single-Cell Analysis. <i>Analytical Chemistry</i> , 2021 , 93, 1200-1208	7.8	10
884	An Integrated Electrochemical Nanodevice for Intracellular RNA Collection and Detection in Single Living Cell. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13244-13250	16.4	23
883	Prognostic significance of miR-203 and ZEB1 expression in early-stage hepatocellular carcinoma. <i>Journal of Cancer</i> , 2021 , 12, 4810-4818	4.5	0
882	The Role of Cyclophilins in Inflammatory Bowel Disease and Colorectal Cancer. <i>International Journal of Biological Sciences</i> , 2021 , 17, 2548-2560	11.2	0
881	Single-cell-resolved measurement of enzyme activity at the tissue level using drop-on-demand microkits. <i>Analyst, The</i> , 2021 , 146, 1548-1551	5	
880	Rapid and multiplex preparation of engineered porin A (MspA) nanopores for single molecule sensing and sequencing. <i>Chemical Science</i> , 2021 , 12, 9339-9346	9.4	1
879	The video-rate imaging of sub-10 nm plasmonic nanoparticles in a cellular medium free of background scattering. <i>Chemical Science</i> , 2021 , 12, 3017-3024	9.4	6
878	Dark-Field Imaging of Cation Exchange Synthesis of CuS@AuS@Au Nanoplates toward the Plasmonic Enhanced Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 6515-6521	9.5	3
877	Nucleolin-Targeted Ratiometric Fluorescent Carbon Dots with a Remarkably Large Emission Wavelength Shift for Precise Imaging of Cathepsin B in Living Cancer Cells. <i>Analytical Chemistry</i> , 2021 , 93, 4042-4050	7.8	19
876	Target-Dependent Gating of Nanopores Integrated with H-Cell: Toward A General Platform for Photoelectrochemical Bioanalysis. <i>Analytical Chemistry</i> , 2021 , 93, 5001-5004	7.8	9
875	Enzyme-Mediated In Situ Self-Assembly Promotes In Vivo Bioorthogonal Reaction for Pretargeted Multimodality Imaging. <i>Angewandte Chemie</i> , 2021 , 133, 18230-18241	3.6	3
874	Structural differences of polysaccharides from Astragalus before and after honey processing and their effects on colitis mice. <i>International Journal of Biological Macromolecules</i> , 2021 , 182, 815-824	7.9	5

873	Enzyme-Mediated In Situ Self-Assembly Promotes In Vivo Bioorthogonal Reaction for Pretargeted Multimodality Imaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18082-18093	16.4	12
872	Self-Referenced Nanopipette for Electrochemical Analysis of Hydrogen Peroxide in the Nucleus of a Single Living Cell. <i>Analytical Chemistry</i> , 2021 , 93, 10744-10749	7.8	4
871	Nanopore Sequencing Accurately Identifies the Cisplatin Adduct on DNA. <i>ACS Sensors</i> , 2021 , 6, 3082-3092	9.2	2
870	Alkaline Phosphatase-Triggered Etching of Au@FeOOH Nanoparticles for Enzyme Level Assay under Dark-Field Microscopy. <i>Analytical Chemistry</i> , 2021 , 93, 10727-10734	7.8	10
869	Imaging the Heterogeneous Localization of a Single Molecule. <i>Analytical Chemistry</i> , 2021 , 93, 12464-12478	7.8	1
868	Plasmonic Imaging of Tuning Electron Tunneling Mediated by a Molecular Monolayer. <i>Jacs Au</i> , 2021 , 1, 1700-1707		1
867	Smart Engineering of a Self-Powered and Integrated Nanocomposite for Intracellular MicroRNA Imaging. <i>CCS Chemistry</i> , 2021 , 3, 2063-2073	7.2	1
866	A Supersmall Single-Cell Nanosensor for Intracellular K ⁺ Detection. <i>CCS Chemistry</i> , 2021 , 3, 2359-2367	7.2	9
865	An Integrated Photoelectrochemical Nanotool for Intracellular Drug Delivery and Evaluation of Treatment Effect. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25762-25765	16.4	11
864	Allosteric Switching of Calmodulin in a Mycobacterium smegmatis porin A (MspA) Nanopore-Trap. <i>Angewandte Chemie</i> , 2021 , 133, 24056	3.6	0
863	Allosteric Switching of Calmodulin in a Mycobacterium smegmatis porin A (MspA) Nanopore-Trap. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23863-23870	16.4	3
862	A plasmon-enhanced theranostic nanoplatfom for synergistic chemo-phototherapy of hypoxic tumors in the NIR-II window. <i>Chemical Science</i> , 2021 , 12, 10848-10854	9.4	8
861	Photoelectrochemical analysis of the alkaline phosphatase activity in single living cells. <i>Analyst, The</i> , 2021 , 146, 5528-5532	5	1
860	Efficient NIR electrochemiluminescent dyes based on ruthenium(II) complexes containing an N-heterocyclic carbene ligand. <i>Chemical Communications</i> , 2021 , 57, 1254-1257	5.8	3
859	Electrogenerated chemiluminescence detection of single entities. <i>Chemical Science</i> , 2021 , 12, 5720-5736	9.4	25
858	Liposome-Assisted Enzymatic Modulation of Plasmonic Photoelectrochemistry for Immunoassay. <i>Analytical Chemistry</i> , 2020 , 92, 8450-8458	7.8	24
857	Retarded Translocation of Nucleic Acids through β -Hemolysin Nanopore in the Presence of a Calcium Flux. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 26926-26935	9.5	10
856	An activatable ratiometric near-infrared fluorescent probe for hydrogen sulfide imaging in vivo. <i>Science China Chemistry</i> , 2020 , 63, 741-750	7.9	17

855	Upconverting ion-selective nanoparticles for the imaging of intracellular calcium ions. <i>Analyst, The</i> , 2020 , 145, 4768-4771	5	2
854	Electrochemiluminescence Analysis of Hydrogen Peroxide Using L012 Modified Electrodes. <i>Journal of Analysis and Testing</i> , 2020 , 4, 122-127	3.2	2
853	Intracellular Wireless Analysis of Single Cells by Bipolar Electrochemiluminescence Confined in a Nanopipette. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 10416-10420	16.4	78
852	In situ observation of heterogeneous charge distribution at the electrode unraveling the mechanism of electric field-enhanced electrochemical activity. <i>Chemical Science</i> , 2020 , 11, 4158-4163	9.4	4
851	Intracellular Wireless Analysis of Single Cells by Bipolar Electrochemiluminescence Confined in a Nanopipette. <i>Angewandte Chemie</i> , 2020 , 132, 10502-10506	3.6	22
850	Strategies for determining the bioactive ingredients of honey-processed Astragalus by serum pharmacology integrated with multivariate statistical analysis. <i>Journal of Separation Science</i> , 2020 , 43, 2061-2072	3.4	3
849	Acid-Switchable DNzyme Nanodevice for Imaging Multiple Metal Ions in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 13005-13012	9.5	18
848	NIR Remote-Controlled "Lock-Unlock" Nanosystem for Imaging Potassium Ions in Living Cells. <i>Analytical Chemistry</i> , 2020 , 92, 4558-4565	7.8	9
847	Trace Ir(III) complex enhanced electrochemiluminescence of AIE-active Pdots in aqueous media. <i>Science China Chemistry</i> , 2020 , 63, 715-721	7.9	18
846	Direct microRNA Sequencing Using Nanopore-Induced Phase-Shift Sequencing. <i>iScience</i> , 2020 , 23, 100916	16.1	12
845	Three-Dimensional ZnInS Nanoflakes@Carbon Fiber Frameworks for Biocatalytic Precipitation-Based Photoelectrochemical Immunoassay. <i>ACS Applied Bio Materials</i> , 2020 , 3, 1761-1768	4.1	5
844	Tip-Enhanced Infrared Imaging with Sub-10 nm Resolution and Hypersensitivity. <i>Journal of Physical Chemistry Letters</i> , 2020 , 11, 1697-1701	6.4	12
843	Observing the structure-dependent electrocatalytic activity of bimetallic Pd-Au nanorods at the single-particle level. <i>Chemical Communications</i> , 2020 , 56, 3413-3416	5.8	7
842	A self-powered 3D DNA walker with programmability and signal-amplification for illuminating microRNA in living cells. <i>Chemical Communications</i> , 2020 , 56, 2135-2138	5.8	25
841	HS-activatable near-infrared afterglow luminescent probes for sensitive molecular imaging in vivo. <i>Nature Communications</i> , 2020 , 11, 446	17.4	54
840	Spaser Nanoparticles for Ultranarrow Bandwidth STED Super-Resolution Imaging. <i>Advanced Materials</i> , 2020 , 32, e1907233	24	24
839	Abnormal Liquid Chasing Effect in Paper Capillary Enables Versatile Gradient Generation on Microfluidic Paper Analytical Devices. <i>Analytical Chemistry</i> , 2020 , 92, 2722-2730	7.8	3
838	A metabonomics and lipidomics based network pharmacology study of qi-tonifying effects of honey-processed Astragalus on spleen qi deficiency rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1146, 122102	3.2	6

837	Evaluation of the anti-cervical cancer effect of a prodrug :CBZ-AAN-DOX with hypoxic cell culture and tumor-bearing zebrafish models. <i>Experimental Cell Research</i> , 2020 , 391, 111980	4.2	4
836	CALML6 Controls TAK1 Ubiquitination and Confers Protection against Acute Inflammation. <i>Journal of Immunology</i> , 2020 , 204, 3008-3018	5.3	1
835	Plasmonic Enhanced Gold Nanoclusters-Based Photoelectrochemical Biosensor for Sensitive Alkaline Phosphatase Activity Analysis. <i>Analytical Chemistry</i> , 2020 , 92, 6886-6892	7.8	33
834	CdS Quantum Dots Modified Photoelectrochemical Biosensor for TATA-Binding Protein Probing. <i>Methods in Molecular Biology</i> , 2020 , 2135, 237-247	1.4	1
833	Responsive Trimodal Probes for In Vivo Imaging of Liver Inflammation by Coassembly and GSH-Driven Disassembly. <i>Research</i> , 2020 , 2020, 4087069	7.8	5
832	Aggregation-Induced Electrochemiluminescence of Conjugated Pdots Containing a Trace Ir(III) Complex: Insights into Structure-Property Relationships. <i>ACS Applied Materials & Interfaces</i> , 2020 ,	9.5	12
831	Three-dimensional CdS nanosheet-enwrapped carbon fiber framework: Towards split-type CuO-mediated photoelectrochemical immunoassay. <i>Biosensors and Bioelectronics</i> , 2020 , 148, 111836	11.8	9
830	Highly Efficient Aggregation-Induced Electrochemiluminescence of Polyfluorene Derivative Nanoparticles Containing Tetraphenylethylene. <i>IScience</i> , 2020 , 23, 100774	6.1	15
829	AT-533, a novel Hsp90 inhibitor, inhibits breast cancer growth and HIF-1 α /VEGF/VEGFR-2-mediated angiogenesis in vitro and in vivo. <i>Biochemical Pharmacology</i> , 2020 , 172, 113771	6	28
828	Recent advances in electrochemiluminescence resonance energy transfer for bioanalysis: Fundamentals and applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2020 , 122, 115746	14.6	29
827	Rapid Analysis of Bacteremia by Membrane Extraction Electrospray Ionization Mass Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2020 , 48, 1315-1324	1.6	2
826	Phase imaging of transition from classical to quantum plasmonic couplings between a metal nanoparticle and a metal surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17564-17570	11.5	8
825	How Gain Layer Design Determines Performance of Nanoparticle-Based Spaser. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 16553-16560	3.8	5
824	Evanescent Wave-Guided Growth of an Organic Supramolecular Nanowire Array. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19209-19214	16.4	1
823	Smart Magnetic and Fluorogenic Photosensitizer Nanoassemblies Enable Redox-Driven Disassembly for Photodynamic Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 20817-20825	3.6	8
822	Smart Magnetic and Fluorogenic Photosensitizer Nanoassemblies Enable Redox-Driven Disassembly for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20636-20644	16.4	33
821	Coupling a Wireless Bipolar Ultramicroelectrode with Nano-electrospray Ionization Mass Spectrometry: Insights into the Ultrafast Initial Step of Electrochemical Reactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18244-18248	16.4	25
820	ZnAgInS Quantum Dot-Decorated BiOI Heterostructure for Cathodic Photoelectrochemical Bioanalysis of Glucose Oxidase. <i>ACS Applied Nano Materials</i> , 2020 , 3, 11489-11496	5.6	7

819	Quantitative Imaging of pN Intercellular Force and Energetic Costs during Collective Cell Migration in Epithelial Wound Healing. <i>Analytical Chemistry</i> , 2020 , 92, 16180-16187	7.8	4
818	"Loading-type" Plasmonic Nanoparticles for Detection of Peroxynitrite in Living Cells. <i>Analytical Chemistry</i> , 2020 , 92, 15647-15654	7.8	4
817	3D-printed cellular tips for tuning fork atomic force microscopy in shear mode. <i>Nature Communications</i> , 2020 , 11, 5732	17.4	2
816	Evanescent Wave-Guided Growth of an Organic Supramolecular Nanowire Array. <i>Angewandte Chemie</i> , 2020 , 132, 19371-19376	3.6	
815	Accessing the Electrochemical Activity of Single Nanoparticles by Eliminating the Heterogeneous Electrical Contacts. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14307-14313	16.4	19
814	Real-Time Tracking the Electrochemical Synthesis of Au@Metal Core-Shell Nanoparticles toward Photo Enhanced Methanol Oxidation. <i>Analytical Chemistry</i> , 2020 , 92, 14006-14011	7.8	11
813	Imaging the Thermal Hysteresis of Single Spin-Crossover Nanoparticles. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15852-15859	16.4	9
812	Bioanalysis in single cells: current advances and challenges. <i>Science China Chemistry</i> , 2020 , 63, 564-588	7.9	5
811	An Efficient Electrochemiluminescence Enhancement Strategy on Bipolar Electrode for Bioanalysis. <i>Analytical Chemistry</i> , 2019 , 91, 12553-12559	7.8	21
810	Fermi level-tuned optics of graphene for attocoulomb-scale quantification of electron transfer at single gold nanoparticles. <i>Nature Communications</i> , 2019 , 10, 3849	17.4	8
809	An improvement in scanning electrochemical microscopy based on a plasmon-accelerated electrochemical reaction. <i>Chemical Communications</i> , 2019 , 55, 11275-11278	5.8	1
808	Electrode-free nanopore sensing by DiffusiOptoPhysiology. <i>Science Advances</i> , 2019 , 5, eaar3309	14.3	22
807	In Situ Imaging of Photocatalytic Activity at Titanium Dioxide Nanotubes Using Scanning Ion Conductance Microscopy. <i>Analytical Chemistry</i> , 2019 , 91, 2605-2609	7.8	22
806	Direct sequencing of 2'-deoxy-2'-fluoroarabinonucleic acid (FANA) using nanopore-induced phase-shift sequencing (NIPSS). <i>Chemical Science</i> , 2019 , 10, 3110-3117	9.4	22
805	The EF-Hand Protein CALML6 Suppresses Antiviral Innate Immunity by Impairing IRF3 Dimerization. <i>Cell Reports</i> , 2019 , 26, 1273-1285.e5	10.6	8
804	Regioselective 5'-position phosphorylation of ribose and ribonucleosides: phosphate transfer in the activated pyrophosphate complex in the gas phase. <i>Chemical Communications</i> , 2019 , 55, 310-313	5.8	2
803	NIR-Activated Spatiotemporally Controllable Nanoagent for Achieving Synergistic Gene-Chemo-Photothermal Therapy in Tumor Ablation.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2994-3001	4.1	11
802	Three-Dimensional TiO@CuO@Nickel Foam Electrodes: Design, Characterization, and Validation of O-Independent Photocathodic Enzymatic Bioanalysis. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25702-25707	9.5	26

801	Activatable NIR Fluorescence/MRI Bimodal Probes for in Vivo Imaging by Enzyme-Mediated Fluorogenic Reaction and Self-Assembly. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10331-10341	16.4	157
800	Electrochemiluminescence-Based Capacitance Microscopy for Label-Free Imaging of Antigens on the Cellular Plasma Membrane. <i>Journal of the American Chemical Society</i> , 2019 , 141, 10294-10299	16.4	114
799	Preservation of Protein Zwitterionic States in the Transition from Solution to Gas Phase Revealed by Sodium Adduction Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 7858-7863	7.8	0
798	Nanopore Sequencing Accurately Identifies the Mutagenic DNA Lesion O6-Carboxymethyl Guanine and Reveals Its Behavior in Replication. <i>Angewandte Chemie</i> , 2019 , 131, 8520	3.6	1
797	Monitoring the Changes of pH in Lysosomes during Autophagy and Apoptosis by Plasmon Enhanced Raman Imaging. <i>Analytical Chemistry</i> , 2019 , 91, 8398-8405	7.8	45
796	Measuring the activation energy barrier for the nucleation of single nanosized vapor bubbles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 12678-12683	11.5	25
795	Engineering of ATP-Powered Photosensitizer for Targeted Recycling Activatable Imaging of MicroRNA and Controllable Cascade Amplification Photodynamic Therapy. <i>Analytical Chemistry</i> , 2019 , 91, 7879-7886	7.8	19
794	Advances in DNA/RNA detection using nanotechnology. <i>Advances in Clinical Chemistry</i> , 2019 , 91, 31-98	5.8	10
793	Nanopore Sequencing Accurately Identifies the Mutagenic DNA Lesion O -Carboxymethyl Guanine and Reveals Its Behavior in Replication. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8432-8436	16.4	21
792	Process of immunogenic cell death caused by disulfiram as the anti-colorectal cancer candidate. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 513, 891-897	3.4	14
791	Three-Dimensional CdS@Carbon Fiber Networks: Innovative Synthesis and Application as a General Platform for Photoelectrochemical Bioanalysis. <i>Analytical Chemistry</i> , 2019 , 91, 6419-6423	7.8	21
790	Targeted Transmembrane Delivery of Ca via FA-Nanogel for Synergistically Enhanced Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16412-16420	9.5	8
789	Spatiotemporal imaging of electrocatalytic activity on single 2D gold nanoplates electrogenerated chemiluminescence microscopy. <i>Chemical Science</i> , 2019 , 10, 4141-4147	9.4	35
788	Tracking the rotation of single CdS nanorods during photocatalysis with surface plasmon resonance microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6630-6634	11.5	12
787	Modulating the electronic structure of a semiconductor to optimize its electrochemiluminescence performance. <i>Nanoscale Advances</i> , 2019 , 1, 1965-1969	5.1	7
786	Revealing transient events of molecular recognition via super-localization imaging of single-particle motion. <i>Scientific Reports</i> , 2019 , 9, 4870	4.9	1
785	Transition from stochastic events to deterministic ensemble average in electron transfer reactions revealed by single-molecule conductance measurement. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3407-3412	11.5	32
784	Enzyme-Based Biosensors and Their Applications 2019 , 201-223		8

783	Molecular profiling of single axons and dendrites in living neurons using electrosyringe-assisted electrospray mass spectrometry. <i>Analyst, The</i> , 2019 , 144, 954-960	5	11
782	In situ imaging and interfering Dicer-mediated cleavage process via a versatile molecular beacon probe. <i>Analytica Chimica Acta</i> , 2019 , 1079, 146-152	6.6	2
781	Electrochemical synthesis of Au@semiconductor core-shell nanocrystals guided by single particle plasmonic imaging. <i>Chemical Science</i> , 2019 , 10, 9308-9314	9.4	26
780	Bidirectional Electrochemiluminescent Sensing: An Application in Detecting miRNA-141. <i>Analytical Chemistry</i> , 2019 , 91, 12000-12005	7.8	23
779	Optical Tracking of Nanometer-Scale Cellular Membrane Deformation Associated with Single Vesicle Release. <i>ACS Sensors</i> , 2019 , 4, 2205-2212	9.2	4
778	Metallic Inverse Opals: An Electrochemiluminescence enhanced Substrate for Sensitive Bioanalysis. <i>Analytical Chemistry</i> , 2019 , 91, 14757-14764	7.8	11
777	Ultrasensitive Detection of MicroRNA via a Au@Ag Nanosnowman. <i>Analytical Chemistry</i> , 2019 , 91, 15988-15992	7.5	23
776	Phosphate Assay Kit in One Cell for Electrochemical Detection of Intracellular Phosphate Ions at Single Cells. <i>Frontiers in Chemistry</i> , 2019 , 7, 360	5	7
775	End Group Properties of Thiols Affecting the Self-Assembly Mechanism at Gold Nanoparticles Film As Evidenced by Water Infrared Probe. <i>Analytical Chemistry</i> , 2019 , 91, 14508-14513	7.8	5
774	Single molecule observation of hard-soft-acid-base (HSAB) interaction in engineered porin A (MspA) nanopores. <i>Chemical Science</i> , 2019 , 11, 879-887	9.4	21
773	Target-triggered, self-powered DNAzyme-MnO nanosystem: towards imaging microRNAs in living cells. <i>Chemical Communications</i> , 2019 , 55, 13366-13369	5.8	8
772	Recent advances of ratiometric electrochemiluminescence biosensors. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6469-6475	7.3	27
771	Ultrasensitive Detection of Severe Fever with Thrombocytopenia Syndrome Virus Based on Immunofluorescent Carbon Dots/SiO Nanosphere-Based Lateral Flow Assay. <i>ACS Omega</i> , 2019 , 4, 21431-21438	3.9	24
770	Giant single molecule chemistry events observed from a tetrachloroaurate(III) embedded Mycobacterium smegmatis porin A nanopore. <i>Nature Communications</i> , 2019 , 10, 5668	17.4	26
769	Total Internal Reflection-Based Extinction Spectroscopy of Single Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 572-576	16.4	18
768	Total Internal Reflection-Based Extinction Spectroscopy of Single Nanoparticles. <i>Angewandte Chemie</i> , 2019 , 131, 582-586	3.6	4
767	Multi-fingerprint profiling combined with chemometric methods for investigating the quality of Astragalus polysaccharides. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 766-774	7.9	12
766	Confined electrochemiluminescence in vertically ordered silica mesochannels for the imaging of hydrogen peroxide released from single cells. <i>Electrochemistry Communications</i> , 2019 , 98, 38-42	5.1	14

765	Ultrasensitive electrochemiluminescence immunosensor with wide linear range based on a multiple amplification approach. <i>Electrochemistry Communications</i> , 2019 , 98, 33-37	5.1	10
764	Optical Imaging of Charges with Atomically Thin Molybdenum Disulfide. <i>ACS Nano</i> , 2019 , 13, 2298-2306	16.7	6
763	Steady-State Electrochemiluminescence at Single Semiconductive Titanium Dioxide Nanoparticles for Local Sensing of Single Cells. <i>Analytical Chemistry</i> , 2019 , 91, 1121-1125	7.8	27
762	Magnolol attenuates the inflammation and enhances phagocytosis through the activation of MAPK, NF- κ B signal pathways in vitro and in vivo. <i>Molecular Immunology</i> , 2019 , 105, 96-106	4.3	16
761	RNA chaperone assisted intramolecular annealing reaction towards oligouridylated RNA detection in cancer cells. <i>Analyst, The</i> , 2018 , 144, 186-190	5	
760	Hierarchical CuInS-based heterostructure: Application for photocathodic bioanalysis of sarcosine. <i>Biosensors and Bioelectronics</i> , 2018 , 107, 230-236	11.8	25
759	Silver decahedral nanoparticles empowered SPR imaging-SELEX for high throughput screening of aptamers with real-time assessment. <i>Biosensors and Bioelectronics</i> , 2018 , 109, 206-213	11.8	26
758	Plasmon-Resonance-Energy-Transfer-Based Spectroscopy on Single Nanoparticles: Biomolecular Recognition and Enzyme Kinetics. <i>Analytical Chemistry</i> , 2018 , 90, 3833-3841	7.8	9
757	An exploration of nucleic acid liquid biopsy using a glucose meter. <i>Chemical Science</i> , 2018 , 9, 3517-3522	9.4	35
756	Semiconducting Organic-Inorganic Nanodots Heterojunctions: Platforms for General Photoelectrochemical Bioanalysis Application. <i>Analytical Chemistry</i> , 2018 , 90, 3759-3765	7.8	40
755	In Situ Visualization of hERG Potassium Channel via Dual Signal Amplification. <i>Analytical Chemistry</i> , 2018 , 90, 6199-6205	7.8	12
754	Application of pathways activity profiling to urine metabolomics for screening Qi-tonifying biomarkers and metabolic pathways of honey-processed Astragalus. <i>Journal of Separation Science</i> , 2018 , 41, 2661-2671	3.4	13
753	Osmosis-Driven Motion-Type Modulation of Biological Nanopores for Parallel Optical Nucleic Acid Sensing. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 7788-7797	9.5	17
752	Bidirectional Electrochemiluminescence Color Switch: An Application in Detecting Multimarkers of Prostate Cancer. <i>Analytical Chemistry</i> , 2018 , 90, 3570-3575	7.8	55
751	Label-Free Quantification of Small-Molecule Binding to Membrane Proteins on Single Cells by Tracking Nanometer-Scale Cellular Membrane Deformation. <i>ACS Nano</i> , 2018 , 12, 2056-2064	16.7	6
750	Quantitative and ultrasensitive detection of multiplex cardiac biomarkers in lateral flow assay with core-shell SERS nanotags. <i>Biosensors and Bioelectronics</i> , 2018 , 106, 204-211	11.8	166
749	Microfluidic liquid-air dual-gradient chip for synergic effect bio-evaluation of air pollutant. <i>Talanta</i> , 2018 , 182, 202-209	6.2	6
748	Optical nano-biosensing interface via nucleic acid amplification strategy: construction and application. <i>Chemical Society Reviews</i> , 2018 , 47, 1996-2019	58.5	96

747	Targeted Delivery of a β -Glutamyl Transpeptidase Activatable Near-Infrared-Fluorescent Probe for Selective Cancer Imaging. <i>Analytical Chemistry</i> , 2018 , 90, 2875-2883	7.8	61
746	Electrogenerated Chemiluminescence Imaging of Electrocatalysis at a Single Au-Pt Janus Nanoparticle. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4010-4014	16.4	91
745	Electrogenerated Chemiluminescence Imaging of Electrocatalysis at a Single Au-Pt Janus Nanoparticle. <i>Angewandte Chemie</i> , 2018 , 130, 4074-4078	3.6	29
744	Cu Nanoclusters-Encapsulated Liposomes: Toward Sensitive Liposomal Photoelectrochemical Immunoassay. <i>Analytical Chemistry</i> , 2018 , 90, 2749-2755	7.8	49
743	New Frontiers and Challenges for Single-Cell Electrochemical Analysis. <i>ACS Sensors</i> , 2018 , 3, 242-250	9.2	35
742	Nanochannels Photoelectrochemical Biosensor. <i>Analytical Chemistry</i> , 2018 , 90, 2341-2347	7.8	56
741	Cholesterol Oxidase/Triton X-100 Parked Microelectrodes for the Detection of Cholesterol in Plasma Membrane at Single Cells. <i>Analytical Chemistry</i> , 2018 , 90, 1054-1058	7.8	19
740	Plasmon-Enhanced Electrochemiluminescence for Nucleic Acid Detection Based on Gold Nanodendrites. <i>Analytical Chemistry</i> , 2018 , 90, 1340-1347	7.8	57
739	Multiplex Analysis on a Single Porous Hydrogel Bead with Encoded SERS Nanotags. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 21-26	9.5	37
738	Bismuth Oxyiodide Couples with Glucose Oxidase: A Special Synergized Dual-Catalysis Mechanism for Photoelectrochemical Enzymatic Bioanalysis. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3372-3379	9.5	61
737	Semiconducting CuO Nanotubes: Synthesis, Characterization, and Bifunctional Photocathodic Enzymatic Bioanalysis. <i>Analytical Chemistry</i> , 2018 , 90, 5439-5444	7.8	36
736	Direct electrochemical observation of glucosidase activity in isolated single lysosomes from a living cell. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4087-4092	11.5	61
735	Exploration of the Kinetics of Toehold-Mediated Strand Displacement via Plasmon Rulers. <i>ACS Nano</i> , 2018 , 12, 3341-3350	16.7	57
734	Disposable MoS ₂ -Arrayed MALDI MS Chip for High-Throughput and Rapid Quantification of Sulfonamides in Multiple Real Samples. <i>ACS Sensors</i> , 2018 , 3, 806-814	9.2	17
733	Adjusting the Linear Range of Au-MOF Fluorescent Probes for Real-Time Analyzing Intracellular GSH in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 12417-12423	9.5	29
732	Energy Transfer between Semiconducting Polymer Dots and Gold Nanoparticles in a Photoelectrochemical System: A Case Application for Cathodic Bioanalysis. <i>Analytical Chemistry</i> , 2018 , 90, 4277-4281	7.8	34
731	A surface-confined DNA assembly amplification strategy on DNA nanostructural scaffold for electrochemiluminescence biosensing. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 571-576	11.8	24
730	A PCR-free colorimetric strategy for visualized assay of telomerase activity. <i>Talanta</i> , 2018 , 178, 594-599	6.2	12

729	A Polymer Dots-Based Photoelectrochemical pH Sensor: Simplicity, High Sensitivity, and Broad-Range pH Measurement. <i>Analytical Chemistry</i> , 2018 , 90, 8300-8303	7.8	28
728	Large-scale high-numerical-aperture super-oscillatory lens fabricated by direct laser writing lithography.. <i>RSC Advances</i> , 2018 , 8, 20117-20123	3.7	14
727	Resistive Analysis of Hydrogen Peroxide in One Axon of Single Neuron with Nanopipets. <i>Analytical Chemistry</i> , 2018 , 90, 10117-10121	7.8	10
726	3D Semiconducting Polymer/Graphene Networks: Toward Sensitive Photocathodic Enzymatic Bioanalysis. <i>Analytical Chemistry</i> , 2018 , 90, 9687-9690	7.8	24
725	The IGF2/IGF1R/Nanog Signaling Pathway Regulates the Proliferation of Acute Myeloid Leukemia Stem Cells. <i>Frontiers in Pharmacology</i> , 2018 , 9, 687	5.6	9
724	Probing cytoplasmic and nuclear microRNAs in single living cells plasmonic affinity sandwich assay. <i>Chemical Science</i> , 2018 , 9, 7241-7246	9.4	16
723	Electrochemiluminescence Energy Resonance Transfer System between RuSi Nanoparticles and Hollow Au Nanocages for Nucleic Acid Detection. <i>Analytical Chemistry</i> , 2018 , 90, 10434-10441	7.8	59
722	Ultrasensitive detection of microRNA-21 based on plasmon-coupling-induced electrochemiluminescence enhancement. <i>Electrochemistry Communications</i> , 2018 , 94, 36-40	5.1	17
721	Structure Characterization of Honey-Processed Astragalus Polysaccharides and Its Anti-Inflammatory Activity In Vitro. <i>Molecules</i> , 2018 , 23,	4.8	32
720	Vacuum Ultraviolet Laser Desorption/Ionization Mass Spectrometry Imaging of Single Cells with Submicron Craters. <i>Analytical Chemistry</i> , 2018 , 90, 10009-10015	7.8	24
719	Three-level spaser for next-generation luminescent nanoprobe. <i>Science Advances</i> , 2018 , 4, eaat0292	14.3	24
718	Ultrasmall Nanopipette: Toward Continuous Monitoring of Redox Metabolism at Subcellular Level. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13226-13230	16.4	57
717	Organic Photo-Electrochemical Transistor-Based Biosensor: A Proof-of-Concept Study toward Highly Sensitive DNA Detection. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800536	10.1	32
716	Fluorescence Lifetime-Resolved Ion-Selective Nanospheres for Simultaneous Imaging of Calcium Ion in Mitochondria and Lysosomes. <i>Analytical Chemistry</i> , 2018 , 90, 7982-7988	7.8	12
715	Paper Capillary Enables Effective Sampling for Microfluidic Paper Analytical Devices. <i>ACS Sensors</i> , 2018 , 3, 1416-1423	9.2	23
714	Mineral paragenesis, fluid inclusions, H ₂ O isotopes and ore-forming processes of the giant Dahutang W-Cu-Mo deposit, South China. <i>Ore Geology Reviews</i> , 2018 , 99, 116-150	3.2	20
713	In Situ Visualization of Electrocatalytic Reaction Activity at Quantum Dots for Water Oxidation. <i>Analytical Chemistry</i> , 2018 , 90, 8635-8641	7.8	19
712	A paper-based SERS test strip for quantitative detection of Mucin-1 in whole blood. <i>Talanta</i> , 2018 , 179, 9-14	6.2	46

711	Visual electrochemiluminescence ratiometry on bipolar electrode for bioanalysis. <i>Biosensors and Bioelectronics</i> , 2018 , 102, 624-630	11.8	37
710	Photoelectrochemical Immunoassays. <i>Analytical Chemistry</i> , 2018 , 90, 615-627	7.8	181
709	Sparse Recovery for DOA Estimation With a Reflection Path. <i>IEEE Access</i> , 2018 , 6, 70572-70581	3.5	2
708	3D Printed Asymmetric Nanoprobe for Plasmonic Nanofocusing under Internal Illumination. <i>ACS Photonics</i> , 2018 , 5, 4872-4879	6.3	3
707	Dynamic Single Molecular Rulers: Toward Quantitative Detection of MicroRNA-21 in Living Cells. <i>Analytical Chemistry</i> , 2018 , 90, 14255-14259	7.8	17
706	Innenrücktitelbild: Total Internal Reflection-Based Extinction Spectroscopy of Single Nanoparticles (Angew. Chem. 2/2019). <i>Angewandte Chemie</i> , 2018 , 131, 647	3.6	
705	Potential Dependence of Mechanical Stability and Electronic Coupling of Single S-Au Bonds. <i>Journal of the American Chemical Society</i> , 2018 , 140, 18074-18081	16.4	11
704	Multi-segmented CdS-Au nanorods for electrochemiluminescence bioanalysis. <i>Nanoscale</i> , 2018 , 10, 19224-19230	7.8	19
703	Water as a Universal Infrared Probe for Bioanalysis in Aqueous Solution by Attenuated Total Reflection-Surface Enhanced Infrared Absorption Spectroscopy. <i>Analytical Chemistry</i> , 2018 , 90, 12979-12985	7.8	6
702	Cyclophilin J limits inflammation through the blockage of ubiquitin chain sensing. <i>Nature Communications</i> , 2018 , 9, 4381	17.4	5
701	Electrochemiluminescence Resonance Energy Transfer System for Dual-Wavelength Ratiometric miRNA Detection. <i>Analytical Chemistry</i> , 2018 , 90, 13723-13728	7.8	68
700	Definite photon deflections of topological defects in metasurfaces and symmetry-breaking phase transitions with material loss. <i>Nature Communications</i> , 2018 , 9, 4271	17.4	34
699	Engineering of Electrochromic Materials as Activatable Probes for Molecular Imaging and Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16340-16352	16.4	99
698	Ultrasmall Nanopipette: Toward Continuous Monitoring of Redox Metabolism at Subcellular Level. <i>Angewandte Chemie</i> , 2018 , 130, 13410-13414	3.6	10
697	Quantitative detection of multiplex cardiac biomarkers with encoded SERS nanotags on a single T line in lateral flow assay. <i>Sensors and Actuators B: Chemical</i> , 2018 , 277, 502-509	8.5	56
696	Gold Nanoparticle Couples with Entropy-Driven Toehold-Mediated DNA Strand Displacement Reaction on Magnetic Beads: Toward Ultrasensitive Energy-Transfer-Based Photoelectrochemical Detection of miRNA-141 in Real Blood Sample. <i>Analytical Chemistry</i> , 2018 , 90, 11892-11898	7.8	74
695	Dating Ore Deposit Using Garnet U-Pb Geochronology: Example from the Xinqiao Cu-Fe-Au Deposit, Eastern China. <i>Minerals (Basel, Switzerland)</i> , 2018 , 8, 31	2.4	23
694	A fluorescent -probe: quantitative imaging of ultra-trace endogenous hydrogen polysulfide in cells and. <i>Chemical Science</i> , 2018 , 9, 5556-5563	9.4	27

693	Light-Driven Nano-oscillators for Label-Free Single-Molecule Monitoring of MicroRNA. <i>Nano Letters</i> , 2018 , 18, 3759-3765	11.5	18
692	Photoelectrochemical bioanalysis of protein biomarkers. <i>Current Opinion in Electrochemistry</i> , 2018 , 10, 120-125	7.2	9
691	A redox-activated theranostic nanoagent: toward multi-mode imaging guided chemo-photothermal therapy. <i>Chemical Science</i> , 2018 , 9, 6749-6757	9.4	46
690	Dynamic Nanoparticle-Substrate Contacts Regulate Multi-Peak Behavior of Single Silver Nanoparticle Collisions. <i>ChemElectroChem</i> , 2018 , 5, 2995-2999	4.3	14
689	Screening and Identification of the Metabolites of Water Extracts of Raw and Honey-Processed Astragalus in Rat Urine Based on UHPLC/ESI-Q-TOF-MS and Multivariate Statistical Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 1919-1935	3.5	7
688	A colorimetric/fluorescent dual-mode sensor for ultra-sensitive detection of Hg. <i>Talanta</i> , 2017 , 165, 5706-5716	3.7	31
687	Plasmonic Imaging of the Interfacial Potential Distribution on Bipolar Electrodes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1629-1633	16.4	26
686	Plasmonic Imaging of the Interfacial Potential Distribution on Bipolar Electrodes. <i>Angewandte Chemie</i> , 2017 , 129, 1651-1655	3.6	5
685	Attomole Antigen Detection Using Self-Electrochemiluminous Graphene Oxide-Capped Au@L012 Nanocomposite. <i>Analytical Chemistry</i> , 2017 , 89, 2418-2423	7.8	26
684	Determining Electrochemical Surface Stress of Single Nanowires. <i>Angewandte Chemie</i> , 2017 , 129, 2164-2167	3.6	5
683	Determining Electrochemical Surface Stress of Single Nanowires. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2132-2135	16.4	9
682	Effect of Nanoemitters on Suppressing the Formation of Metal Adduct Ions in Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2017 , 89, 1838-1845	7.8	29
681	Organic Cyanide Decorated SERS Active Nanopipettes for Quantitative Detection of Hemeproteins and Fe in Single Cells. <i>Analytical Chemistry</i> , 2017 , 89, 2522-2530	7.8	49
680	Graphene Oxide as a Novel Evenly Continuous Phase Matrix for TOF-SIMS. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 399-408	3.5	12
679	Photoelectrochemical Probing of Cellular Interfaces and Evaluation of Cellular H ₂ S Production Based on In Situ-Generated CdS-Enhanced TiO ₂ Nanotube Heterostructures. <i>ChemElectroChem</i> , 2017 , 4, 1011-1015	4.3	7
678	Quantum-dots-based photoelectrochemical bioanalysis highlighted with recent examples. <i>Biosensors and Bioelectronics</i> , 2017 , 94, 207-218	11.8	59
677	CN Nanosheet Modified Microwell Array with Enhanced Electrochemiluminescence for Total Analysis of Cholesterol at Single Cells. <i>Analytical Chemistry</i> , 2017 , 89, 2216-2220	7.8	52
676	Simultaneous optical and electrochemical recording of single nanoparticle electrochemistry. <i>Nano Research</i> , 2017 , 10, 1740-1748	10	19

675	Collision and Oxidation of Single LiCoO Nanoparticles Studied by Correlated Optical Imaging and Electrochemical Recording. <i>Analytical Chemistry</i> , 2017 , 89, 6050-6055	7.8	25
674	Fast Electrochemical and Plasmonic Detection Reveals Multitime Scale Conformational Gating of Electron Transfer in Cytochrome c. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7244-7249	16.4	17
673	Direct Plasmon-Accelerated Electrochemical Reaction on Gold Nanoparticles. <i>ACS Nano</i> , 2017 , 11, 5897-5905	14.4	144
672	A multifunctional silver nanocomposite for the apoptosis of cancer cells and intracellular imaging. <i>Chemical Communications</i> , 2017 , 53, 5614-5617	5.8	6
671	On-line Identification of chiral ofloxacin in milk with an extraction/ionization device coupled to Electrospray Mass Spectrometry. <i>Talanta</i> , 2017 , 171, 190-196	6.2	4
670	Self-Assembled DNA Tetrahedral Scaffolds for the Construction of Electrochemiluminescence Biosensor with Programmable DNA Cyclic Amplification. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17637-17644	9.5	52
669	Regulation and imaging of gene expression an RNA interference antagonistic biomimetic probe. <i>Chemical Science</i> , 2017 , 8, 4973-4977	9.4	15
668	DNA tetrahedral scaffolds-based platform for the construction of electrochemiluminescence biosensor. <i>Biosensors and Bioelectronics</i> , 2017 , 90, 251-257	11.8	41
667	Enediol-Ligands-Encapsulated Liposomes Enables Sensitive Immunoassay: A Proof-of-Concept for General Liposomes-Based Photoelectrochemical Bioanalysis. <i>Analytical Chemistry</i> , 2017 , 89, 6300-6304	7.8	40
666	Revealing chemical processes and kinetics of drug action within single living cells via plasmonic Raman probes. <i>Scientific Reports</i> , 2017 , 7, 2296	4.9	8
665	Insight into Ion Transfer through the Sub-Nanometer Channels in Zeolitic Imidazolate Frameworks. <i>Angewandte Chemie</i> , 2017 , 129, 4845-4849	3.6	21
664	Insight into Ion Transfer through the Sub-Nanometer Channels in Zeolitic Imidazolate Frameworks. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4767-4771	16.4	47
663	Discrimination of Nosiheptide Sources with Plasmonic Filters. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 13049-13055	9.5	4
662	Polymer Dots for Photoelectrochemical Bioanalysis. <i>Analytical Chemistry</i> , 2017 , 89, 4945-4950	7.8	37
661	Subcellular-Scale Drug Transport via Ultrasound-Degradable Mesoporous Nanosilicon to Bypass Cancer Drug Resistance. <i>Small</i> , 2017 , 13, 1604228	11	16
660	Single-molecule imaging of telomerase activity via linear plasmon rulers. <i>Chemical Communications</i> , 2017 , 53, 4710-4713	5.8	19
659	Reliable Förster Resonance Energy Transfer Probe Based on Structure-Switching DNA for Ratiometric Sensing of Telomerase in Living Cells. <i>Analytical Chemistry</i> , 2017 , 89, 4216-4222	7.8	65
658	Dual-Functional Carbon Dots Pattern on Paper Chips for Fe and Ferritin Analysis in Whole Blood. <i>Analytical Chemistry</i> , 2017 , 89, 2131-2137	7.8	55

657	DNA sequence functionalized with heterogeneous core-satellite nanoassembly for novel energy-transfer-based photoelectrochemical bioanalysis. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 293-298	11.8	18
656	Pauli Repulsion-Induced Expansion and Electromechanical Properties of Graphene. <i>Nano Letters</i> , 2017 , 17, 236-241	11.5	12
655	Optical Imaging of Phase Transition and Li-Ion Diffusion Kinetics of Single LiCoO(2) Nanoparticles During Electrochemical Cycling. <i>Journal of the American Chemical Society</i> , 2017 , 139, 186-192	16.4	86
654	Insight into the Unique Fluorescence Quenching Property of Metal-Organic Frameworks upon DNA Binding. <i>Analytical Chemistry</i> , 2017 , 89, 11366-11371	7.8	57
653	Localized Electrochemiluminescence from Nanoneedle Electrodes for Very-High-Density Electrochemical Sensing. <i>Analytical Chemistry</i> , 2017 , 89, 11399-11404	7.8	14
652	Energy Level Engineering of MoS by Transition-Metal Doping for Accelerating Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15479-15485	16.4	516
651	Multi-messenger Observations of a Binary Neutron Star Merger. <i>Astrophysical Journal Letters</i> , 2017 , 848, L12	7.9	1935
650	Pseudopolymorphism based on 1D metallacyclic chains constructed from an angular zwitterionic ditopic diacid organic linker. <i>CrystEngComm</i> , 2017 , 19, 6686-6693	3.3	4
649	Simultaneous quantification of multiple endogenous biothiols in single living cells by plasmonic Raman probes. <i>Chemical Science</i> , 2017 , 8, 7582-7587	9.4	22
648	Intermittent photocatalytic activity of single CdS nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10566-10571	11.5	54
647	Rational engineering of semiconductor QDs enabling remarkable O ₂ production for tumor-targeted photodynamic therapy. <i>Biomaterials</i> , 2017 , 148, 31-40	15.6	48
646	Nanopore-Based Electrochemiluminescence for Detection of MicroRNAs via Duplex-Specific Nuclease-Assisted Target Recycling. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 33360-33367	9.5	23
645	Endogenous MicroRNA-Triggered and Real-Time Monitored Drug Release via Cascaded Energy Transfer Payloads. <i>Analytical Chemistry</i> , 2017 , 89, 10239-10247	7.8	14
644	Ultrasensitive MicroRNA Assay via Surface Plasmon Resonance Responses of Au@Ag Nanorods Etching. <i>Analytical Chemistry</i> , 2017 , 89, 10585-10591	7.8	73
643	Self-Focusing and the Talbot Effect in Conformal Transformation Optics. <i>Physical Review Letters</i> , 2017 , 119, 033902	7.4	49
642	Simultaneous imaging of newly synthesized proteins and lipids in single cell by TOF-SIMS. <i>International Journal of Mass Spectrometry</i> , 2017 , 421, 238-244	1.9	10
641	ATP-Activatable Photosensitizer Enables Dual Fluorescence Imaging and Targeted Photodynamic Therapy of Tumor. <i>Analytical Chemistry</i> , 2017 , 89, 13610-13617	7.8	65
640	Nanoelectrochemical architectures for high-spatial-resolution single cell analysis. <i>Science China Chemistry</i> , 2017 , 60, 1277-1284	7.9	8

639	Imaging the transient heat generation of individual nanostructures with a mechanoresponsive polymer. <i>Nature Communications</i> , 2017 , 8, 1498	17.4	27
638	Photoelectrochemical Bioanalysis Platform of Gold Nanoparticles Equipped Perovskite BiNbOCl. <i>Analytical Chemistry</i> , 2017 , 89, 7869-7875	7.8	47
637	Activatable Near-Infrared Probe for Fluorescence Imaging of β -Glutamyl Transpeptidase in Tumor Cells and In Vivo. <i>Chemistry - A European Journal</i> , 2017 , 23, 14778-14785	4.8	57
636	Activatable QD-Based Near-Infrared Fluorescence Probe for Sensitive Detection and Imaging of DNA. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 25107-25113	9.5	27
635	Hybrid PbS Quantum Dot/Nanoporous NiO Film Nanostructure: Preparation, Characterization, and Application for a Self-Powered Cathodic Photoelectrochemical Biosensor. <i>Analytical Chemistry</i> , 2017 , 89, 8070-8078	7.8	121
634	Ultrasensitive Detection of Protein with Wide Linear Dynamic Range Based on Core-Shell SERS Nanotags and Photonic Crystal Beads. <i>ACS Sensors</i> , 2017 , 2, 1035-1043	9.2	46
633	Bipolar Electrode Based Multicolor Electrochemiluminescence Biosensor. <i>Analytical Chemistry</i> , 2017 , 89, 8050-8056	7.8	60
632	Influence of N-donor ancillary ligands on the structures of three cadmium(II) complexes with L-shaped carboxylate ligand. <i>Inorganica Chimica Acta</i> , 2017 , 466, 71-77	2.7	10
631	Photoelectrochemical enzymatic biosensors. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 294-304	11.8	171
630	Plasmon-enhanced Raman spectroscopic metrics for quantitative and dynamic assays of cell apoptosis and necrosis. <i>Chemical Science</i> , 2017 , 8, 1243-1250	9.4	13
629	Imaging specific newly synthesized proteins within cells by fluorescence resonance energy transfer. <i>Chemical Science</i> , 2017 , 8, 748-754	9.4	2
628	Cepharanthine hydrochloride reverses the mdr1 (P-glycoprotein)-mediated esophageal squamous cell carcinoma cell cisplatin resistance through JNK and p53 signals. <i>Oncotarget</i> , 2017 , 8, 111144-111160 ³⁻³		19
627	New Developments in Photoelectrochemical Bioanalysis. <i>Wuli Huaxue Xuebao/Acta Physico-Chimica Sinica</i> , 2017 , 33, 476-485	3.8	2
626	Highly Sensitive Detection of Mercury Ion Based on Plasmon Coupling. <i>Acta Chimica Sinica</i> , 2017 , 75, 1097	3.3	3
625	A ratiometric electrochemiluminescence detection for cancer cells using g-C ₃ N ₄ nanosheets and Ag-PAMAM-luminol nanocomposites. <i>Biosensors and Bioelectronics</i> , 2016 , 77, 76-82	11.8	142
624	Continuous Fluorescence Imaging of Intracellular Calcium by Use of Ion-Selective Nanospheres with Adjustable Spectra. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 19892-8	9.5	20
623	Recent advances in the use of quantum dots for photoelectrochemical bioanalysis. <i>Nanoscale</i> , 2016 , 8, 17407-17414	7.7	47
622	Probing Low-Copy-Number Proteins in a Single Living Cell. <i>Angewandte Chemie</i> , 2016 , 128, 13409-13412 ^{3.6}		16

621	Probing Low-Copy-Number Proteins in a Single Living Cell. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13215-13218	16.4	88
620	Lysosome-Targeting Fluorogenic Probe for Cathepsin B Imaging in Living Cells. <i>Analytical Chemistry</i> , 2016 , 88, 12403-12410	7.8	62
619	Distance mediated electrochemiluminescence enhancement of CdS thin films induced by the plasmon coupling of gold nanoparticle dimers. <i>Chemical Communications</i> , 2016 , 52, 14230-14233	5.8	41
618	Targeting and Imaging of Cancer Cells via Monosaccharide-Imprinted Fluorescent Nanoparticles. <i>Scientific Reports</i> , 2016 , 6, 22757	4.9	106
617	Water transport within carbon nanotubes on a wave. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 33204-33210	4.3	10
616	Electrochemical behaviors in closed bipolar system with three-electrode driving mode. <i>Journal of Electroanalytical Chemistry</i> , 2016 , 781, 56-61	4.1	14
615	Measuring the number concentration of arbitrarily-shaped gold nanoparticles with surface plasmon resonance microscopy. <i>Science China Chemistry</i> , 2016 , 59, 843-847	7.9	5
614	Photoelectrochemical aptasensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 307-315	14.6	123
613	Synchronized Polarization Induced Electrospray: Comprehensively Profiling Biomolecules in Single Cells by Combining both Positive-Ion and Negative-Ion Mass Spectra. <i>Analytical Chemistry</i> , 2016 , 88, 7245-7251	7.8	19
612	Ag nanoclusters could efficiently quench the photoresponse of CdS quantum dots for novel energy transfer-based photoelectrochemical bioanalysis. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 930-934	11.8	43
611	Photoelectrochemical detection of metal ions. <i>Analyst, The</i> , 2016 , 141, 4262-71	5	62
610	Preparation of an aptamer based organic-inorganic hybrid monolithic column with gold nanoparticles as an intermediary for the enrichment of proteins. <i>Analyst, The</i> , 2016 , 141, 4961-7	5	28
609	MicroRNA-mediated signal amplification coupled with GNP/dendrimers on a mass-sensitive biosensor and its applications in intracellular microRNA quantification. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 897-902	11.8	20
608	Electrochemical Visualization of Intracellular Hydrogen Peroxide at Single Cells. <i>Analytical Chemistry</i> , 2016 , 88, 2006-9	7.8	48
607	Digitizing Gold Nanoparticle-Based Colorimetric Assay by Imaging and Counting Single Nanoparticles. <i>Analytical Chemistry</i> , 2016 , 88, 2321-6	7.8	23
606	An ultrasensitive energy-transfer based photoelectrochemical protein biosensor. <i>Chemical Communications</i> , 2016 , 52, 3034-7	5.8	30
605	Dual-Wavelength Electrochemiluminescence Ratiometry Based on Resonance Energy Transfer between Au Nanoparticles Functionalized g-C ₃ N ₄ Nanosheet and Ru(bpy) ₃ (2+) for microRNA Detection. <i>Analytical Chemistry</i> , 2016 , 88, 937-44	7.8	235
604	Antimicrobial Susceptibility Test with Plasmonic Imaging and Tracking of Single Bacterial Motions on Nanometer Scale. <i>ACS Nano</i> , 2016 , 10, 845-52	16.7	85

603	Ratiometric fluorescence, electrochemiluminescence, and photoelectrochemical chemo/biosensing based on semiconductor quantum dots. <i>Nanoscale</i> , 2016 , 8, 8427-42	7.7	216
602	Oriented assembly of invisible probes: towards single mRNA imaging in living cells. <i>Chemical Science</i> , 2016 , 7, 3256-3263	9.4	36
601	A microfluidic cigarette smoke collecting platform for simultaneous sample extraction and multiplex analysis. <i>Talanta</i> , 2016 , 150, 455-62	6.2	4
600	Visual Color-Switch Electrochemiluminescence Biosensing of Cancer Cell Based on Multichannel Bipolar Electrode Chip. <i>Analytical Chemistry</i> , 2016 , 88, 2884-90	7.8	78
599	Simultaneous Photoelectrochemical Immunoassay of Dual Cardiac Markers Using Specific Enzyme Tags: A Proof of Principle for Multiplexed Bioanalysis. <i>Analytical Chemistry</i> , 2016 , 88, 1990-4	7.8	83
598	Highly Sensitive Colorimetric Cancer Cell Detection Based on Dual Signal Amplification. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4434-41	9.5	65
597	Near Infrared-Guided Smart Nanocarriers for MicroRNA-Controlled Release of Doxorubicin/siRNA with Intracellular ATP as Fuel. <i>ACS Nano</i> , 2016 , 10, 3637-47	16.7	121
596	A novel DNA tetrahedron-hairpin probe for in situ "off-on" fluorescence imaging of intracellular telomerase activity. <i>Analyst, The</i> , 2016 , 141, 2474-80	5	31
595	Protein Binding Bends the Gold Nanoparticle Capped DNA Sequence: Toward Novel Energy-Transfer-Based Photoelectrochemical Protein Detection. <i>Analytical Chemistry</i> , 2016 , 88, 3864-71	7.8	51
594	Microfluidic PDMS on paper (POP) devices. <i>Lab on A Chip</i> , 2016 , 17, 120-127	7.2	15
593	Effects of sphincter of Oddi motility on the formation of cholesterol gallstones. <i>World Journal of Gastroenterology</i> , 2016 , 22, 5540-7	5.6	5
592	Construction of metalorganic coordination networks with various metal-linker secondary building units: structures and properties. <i>New Journal of Chemistry</i> , 2016 , 40, 7587-7595	3.6	25
591	Highly Specific Electrochemiluminescence Detection of Cancer Cells with a Closed Bipolar Electrode. <i>ChemElectroChem</i> , 2016 , 3, 429-435	4.3	28
590	Plasmonic nanohalo optical probes for highly sensitive imaging of survivin mRNA in living cells. <i>Chemical Communications</i> , 2016 , 52, 11052-5	5.8	14
589	Gain and directivity enhancement of microstrip antenna loaded with multiple splits octagon-shaped metamaterial superstrate. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2016 , 50, 201-213	0.4	4
588	Invoking Direct Exciton-Plasmon Interactions by Catalytic Ag Deposition on Au Nanoparticles: Photoelectrochemical Bioanalysis with High Efficiency. <i>Analytical Chemistry</i> , 2016 , 88, 4183-7	7.8	54
587	Simultaneous photoelectrochemical and visualized immunoassay of Ehuman chorionic gonadotrophin. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 294-299	11.8	33
586	Gain enhancement of transmitting antenna incorporated with double-cross-shaped electromagnetic metamaterial for wireless power transmission. <i>Optik</i> , 2016 , 127, 6754-6762	2.5	11

585	Joint enhancement strategy applied in ECL biosensor based on closed bipolar electrodes for the detection of PSA. <i>Talanta</i> , 2016 , 154, 169-74	6.2	26
584	Alkaline Phosphatase Tagged Antibodies on Gold Nanoparticles/TiO ₂ Nanotubes Electrode: A Plasmonic Strategy for Label-Free and Amplified Photoelectrochemical Immunoassay. <i>Analytical Chemistry</i> , 2016 , 88, 5626-30	7.8	88
583	Analysis of Intracellular Glucose at Single Cells Using Electrochemiluminescence Imaging. <i>Analytical Chemistry</i> , 2016 , 88, 4609-12	7.8	95
582	Spatial-resolved electrochemiluminescence ratiometry based on bipolar electrode for bioanalysis. <i>Biosensors and Bioelectronics</i> , 2016 , 86, 683-689	11.8	50
581	Nanokit for single-cell electrochemical analyses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 11436-11440	11.5	81
580	Two-photon excitation nanoparticles for photodynamic therapy. <i>Chemical Society Reviews</i> , 2016 , 45, 6725-6741	58.5	339
579	Plasmonic Imaging of Electrochemical Reactions of Single Nanoparticles. <i>Accounts of Chemical Research</i> , 2016 , 49, 2614-2624	24.3	80
578	Temporal Sensing Platform Based on Bipolar Electrode for the Ultrasensitive Detection of Cancer Cells. <i>Analytical Chemistry</i> , 2016 , 88, 8795-801	7.8	52
577	New Oxidovanadium Complexes Incorporating Thiosemicarbazones and 1, 10-Phenanthroline Derivatives as DNA Cleavage, Potential Anticancer Agents, and Hydroxyl Radical Scavenger. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 926-37	2.9	9
576	Factors influencing apical node metastasis in colorectal cancer patients treated with laparoscopic radical resection with D3 lymphadenectomy: results from two centers in China. <i>Surgery Today</i> , 2015 , 45, 569-75	3	9
575	A novel electrochemiluminescence resonance energy transfer system for ultrasensitive detection of prostate-specific antigen. <i>Electrochemistry Communications</i> , 2015 , 59, 56-59	5.1	18
574	Electrochemiluminescence imaging for parallel single-cell analysis of active membrane cholesterol. <i>Analytical Chemistry</i> , 2015 , 87, 8138-43	7.8	85
573	Mesoporous silica film-assisted amplified electrochemiluminescence for cancer cell detection. <i>Chemical Communications</i> , 2015 , 51, 14072-5	5.8	27
572	A dual target-recycling amplification strategy for sensitive detection of microRNAs based on duplex-specific nuclease and catalytic hairpin assembly. <i>Chemical Communications</i> , 2015 , 51, 13504-7	5.8	56
571	Structural diversity in coordination polymers with a semirigid Lewis acidity ligand: structures and properties. <i>CrystEngComm</i> , 2015 , 17, 5690-5701	3.3	20
570	Poly thymine stabilized copper nanoclusters as a fluorescence probe for melamine sensing. <i>Talanta</i> , 2015 , 144, 642-7	6.2	42
569	Nanocrystal-based electrochemiluminescence sensor for cell detection with Au nanoparticles and isothermal circular double-assisted signal amplification. <i>Talanta</i> , 2015 , 141, 97-102	6.2	8
568	Lymphangiogenesis in gastric cancer regulated through Akt/mTOR-VEGF-C/VEGF-D axis. <i>BMC Cancer</i> , 2015 , 15, 103	4.8	34

567	Bimetallic Au@Pt@Au core-shell nanoparticles on graphene oxide nanosheets for high-performance HO bi-directional sensing. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 4355-4362	7.3	37
566	Synthesis, molecular modeling, and biological evaluation of novel RAD51 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2015 , 96, 196-208	6.8	33
565	A new visible-light-driven photoelectrochemical biosensor for probing DNA-protein interactions. <i>Chemical Communications</i> , 2015 , 51, 8381-4	5.8	29
564	Kinetics of small molecule interactions with membrane proteins in single cells measured with mechanical amplification. <i>Science Advances</i> , 2015 , 1, e1500633	14.3	24
563	Enhancing Thermal Conductive Performance of Vertically Aligned Carbon Nanotube Array Composite by Pre-Annealing Treatment. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 3212-7	1.3	8
562	Surface-enhanced Raman scattering imaging of cancer cells and tissues via sialic acid-imprinted nanotags. <i>Chemical Communications</i> , 2015 , 51, 17696-9	5.8	108
561	Preoperative Submucosal Injection of Carbon Nanoparticles Improves Lymph Node Staging Accuracy in Rectal Cancer after Neoadjuvant Chemoradiotherapy. <i>Journal of the American College of Surgeons</i> , 2015 , 221, 923-30	4.4	17
560	Phenotypic Knockout of CXCR4 Expression by a Novel Intrakine Mutant hSDF-1 α /KDEL Inhibits Breast Cancer Metastasis. <i>Journal of Interferon and Cytokine Research</i> , 2015 , 35, 771-8	3.5	1
559	General Strategy for Enhancing Electrochemiluminescence of Semiconductor Nanocrystals by Hydrogen Peroxide and Potassium Persulfate as Dual Coreactants. <i>Analytical Chemistry</i> , 2015 , 87, 12372-9	7.8	62
558	Versatile microfluidic droplets array for bioanalysis. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 9354-9	4.9	30
557	Photoelectrochemical determination of inorganic mercury ions based on energy transfer between CdS quantum dots and Au nanoparticles. <i>Electrochemistry Communications</i> , 2015 , 51, 72-75	5.1	41
556	Visual electrochemiluminescence detection of cancer biomarkers on a closed bipolar electrode array chip. <i>Analytical Chemistry</i> , 2015 , 87, 530-7	7.8	119
555	Multiple turnovers of DNase for amplified detection of ATP and reduced thiol in cell homogenates. <i>Chemical Communications</i> , 2015 , 51, 862-5	5.8	22
554	Reversible catalysis for the reaction between methyl orange and NaBH ₄ by silver nanoparticles. <i>Chemical Communications</i> , 2015 , 51, 1050-3	5.8	36
553	Plasmonic imaging of protein interactions with single bacterial cells. <i>Biosensors and Bioelectronics</i> , 2015 , 63, 131-137	11.8	42
552	Photoelectrochemical bioanalysis: the state of the art. <i>Chemical Society Reviews</i> , 2015 , 44, 729-41	58.5	580
551	Photoacoustic "nanobombs" fight against undesirable vesicular compartmentalization of anticancer drugs. <i>Scientific Reports</i> , 2015 , 5, 15527	4.9	12
550	Mapping Local Quantum Capacitance and Charged Impurities in Graphene via Plasmonic Impedance Imaging. <i>Advanced Materials</i> , 2015 , 27, 6213-9	24	32

549	Cysteine-Mediated Intracellular Building of Luciferin to Enhance Probe Retention and Fluorescence Turn-On. <i>Chemistry - A European Journal</i> , 2015 , 21, 10506-12	4.8	26
548	B5, a thioredoxin reductase inhibitor, induces apoptosis in human cervical cancer cells by suppressing the thioredoxin system, disrupting mitochondrion-dependent pathways and triggering autophagy. <i>Oncotarget</i> , 2015 , 6, 30939-56	3.3	26
547	DNA Labeling Generates a Unique Amplification Probe for Sensitive Photoelectrochemical Immunoassay of HIV-1 p24 Antigen. <i>Analytical Chemistry</i> , 2015 , 87, 5496-9	7.8	60
546	Integration of DNA bio-gates and duplex-specific nuclease signal amplification: towards electrochemiluminescence detection of survivin mRNA. <i>Chemical Communications</i> , 2015 , 51, 11673-6	5.8	27
545	Disposable paper-based bipolar electrode array for multiplexed electrochemiluminescence detection of pathogenic DNAs. <i>Science China Chemistry</i> , 2015 , 58, 810-818	7.9	24
544	Quantum dots: electrochemiluminescent and photoelectrochemical bioanalysis. <i>Analytical Chemistry</i> , 2015 , 87, 9520-31	7.8	179
543	Dual-emitting quantum dot nanohybrid for imaging of latent fingerprints: simultaneous identification of individuals and traffic light-type visualization of TNT. <i>Chemical Science</i> , 2015 , 6, 4445-4450	8.4	93
542	Hot electron of Au nanorods activates the electrocatalysis of hydrogen evolution on MoS ₂ nanosheets. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7365-70	16.4	440
541	Silver Nanoclusters for High-Efficiency Quenching of CdS Nanocrystal Electrochemiluminescence and Sensitive Detection of microRNA. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 26307-14	9.5	65
540	Long-lived charge carriers in Mn-doped CdS quantum dots for photoelectrochemical cytosensing. <i>Chemistry - A European Journal</i> , 2015 , 21, 5129-35	4.8	58
539	Aptamer-based organic-silica hybrid affinity monolith prepared via "thiol-ene" click reaction for extraction of thrombin. <i>Talanta</i> , 2015 , 138, 52-58	6.2	50
538	A novel signal-amplified electrochemical aptasensor based on supersandwich G-quadruplex DNAzyme for highly sensitive cancer cell detection. <i>Electrochemistry Communications</i> , 2015 , 52, 49-52	5.1	31
537	Synthesis and Evaluation of a CBZ-AAN-Dox Prodrug and its in vitro Effects on SiHa Cervical Cancer Cells Under Hypoxic Conditions. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 589-98	2.9	11
536	Using G-quadruplex/hemin to "switch-on" the cathodic photocurrent of p-type PbS quantum dots: toward a versatile platform for photoelectrochemical aptasensing. <i>Analytical Chemistry</i> , 2015 , 87, 2892-900	7.8	134
535	In situ drug-receptor binding kinetics in single cells: a quantitative label-free study of anti-tumor drug resistance. <i>Scientific Reports</i> , 2014 , 4, 6609	4.9	33
534	Bismuthoxyiodide nanoflakes/titania nanotubes arrayed p-n heterojunction and its application for photoelectrochemical bioanalysis. <i>Scientific Reports</i> , 2014 , 4, 4426	4.9	45
533	A green approach to the synthesis of novel "Desert rose stone"-like nanobiocatalytic system with excellent enzyme activity and stability. <i>Scientific Reports</i> , 2014 , 4, 6606	4.9	30
532	Rapid visual detection of quaternary ammonium surfactants using citrate-capped silver nanoparticles (Ag NPs) based on hydrophobic effect. <i>Talanta</i> , 2014 , 118, 90-5	6.2	23

531	Solid phase extraction of magnetic carbon doped Fe ₃ O ₄ nanoparticles. <i>Journal of Chromatography A</i> , 2014 , 1325, 8-15	4.5	46
530	Functional nanoprobes for ultrasensitive detection of biomolecules: an update. <i>Chemical Society Reviews</i> , 2014 , 43, 1601-11	58.5	166
529	Photoelectrochemical bioanalysis: A mini review. <i>Electrochemistry Communications</i> , 2014 , 38, 40-43	5.1	78
528	Paper-based electrochemiluminescence biosensor for cancer cell detection. <i>Electrochemistry Communications</i> , 2014 , 49, 88-92	5.1	29
527	Photopatterning of poly(N-isopropylacrylamide) membranes for a high level of enrichment and cleanup of nucleic acids in microfluidic chips. <i>Chemical Communications</i> , 2014 , 50, 10303-6	5.8	3
526	Visual electrochemiluminescence detection of telomerase activity based on multifunctional Au nanoparticles modified with G-quadruplex deoxyribozyme and luminol. <i>Chemical Communications</i> , 2014 , 50, 12575-7	5.8	66
525	Colorimetric detection of quaternary ammonium surfactants using citrate-stabilized gold nanoparticles (Au NPs). <i>Analytical Methods</i> , 2014 , 6, 2031-2033	3.2	18
524	An improved G-quadruplex DNAzyme for dual-functional electrochemical biosensing of adenosines and hydrogen peroxide from cancer cells. <i>Chemical Communications</i> , 2014 , 50, 1178-80	5.8	26
523	Gold nanodendrites on graphene oxide nanosheets for oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 1697-1703	13	73
522	Folding-based photoelectrochemical biosensor: binding-induced conformation change of a quantum dot-tagged DNA probe for mercury(II) detection. <i>Chemical Communications</i> , 2014 , 50, 12088-90	5.8	50
521	Rapid and reliable method for analysis of raw and honey-processed astragalus by UPLC/ESI-Q-TOF-MS using HSS T3 columns. <i>Analytical Methods</i> , 2014 , 6, 8045-8054	3.2	15
520	Electrochemically generated versus photoexcited luminescence from semiconductor nanomaterials: bridging the valley between two worlds. <i>Chemical Reviews</i> , 2014 , 114, 11027-59	68.1	195
519	Detection of charges and molecules with self-assembled nano-oscillators. <i>Nano Letters</i> , 2014 , 14, 4151-7	11.5	41
518	Disposable paper-based bipolar electrode for sensitive electrochemiluminescence detection of a cancer biomarker. <i>Chemical Communications</i> , 2014 , 50, 10949-51	5.8	94
517	Remote control of reversible localized protein adsorption in microfluidic devices. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 11869-73	9.5	10
516	Four alkaline earth metal complexes with structural diversities induced by cation size. <i>Inorganica Chimica Acta</i> , 2014 , 421, 318-325	2.7	15
515	Magnetic solid phase extraction of brominated flame retardants and pentachlorophenol from environmental waters with carbon doped Fe ₃ O ₄ nanoparticles. <i>Applied Surface Science</i> , 2014 , 321, 126-135	6.7	41
514	A sensitive and selective detection method for thiol compounds using novel fluorescence probe. <i>Analytica Chimica Acta</i> , 2014 , 850, 71-7	6.6	22

513	In situ activation of CdS electrochemiluminescence film and its application in H ₂ O ₂ detection. <i>Analytical Chemistry</i> , 2014 , 86, 8657-64	7.8	54
512	Molecular scale origin of surface plasmon resonance biosensors. <i>Analytical Chemistry</i> , 2014 , 86, 8992-7	7.8	47
511	Electrochemiluminescence aptasensor based on bipolar electrode for detection of adenosine in cancer cells. <i>Biosensors and Bioelectronics</i> , 2014 , 55, 459-63	11.8	45
510	Signal-on dual-potential electrochemiluminescence based on luminol-gold bifunctional nanoparticles for telomerase detection. <i>Analytical Chemistry</i> , 2014 , 86, 3834-40	7.8	171
509	A universal microarray platform: Towards high-throughput electrochemical detection. <i>Electrochemistry Communications</i> , 2014 , 47, 54-57	5.1	3
508	Plasmonic imaging and detection of single DNA molecules. <i>ACS Nano</i> , 2014 , 8, 3427-33	16.7	76
507	An off-on-off electrochemiluminescence approach for ultrasensitive detection of thrombin. <i>Biosensors and Bioelectronics</i> , 2014 , 59, 58-63	11.8	39
506	A stochastic route to simulate the growth of porous anodic alumina. <i>RSC Advances</i> , 2014 , 4, 45074-45081	3.7	3
505	RuSi@Ru(bpy) ₃ (2+)/Au@Ag ₂ S nanoparticles electrochemiluminescence resonance energy transfer system for sensitive DNA detection. <i>Analytical Chemistry</i> , 2014 , 86, 4559-65	7.8	104
504	Tumor-marker-mediated "on-demand" drug release and real-time monitoring system based on multifunctional mesoporous silica nanoparticles. <i>Analytical Chemistry</i> , 2014 , 86, 10239-45	7.8	34
503	An ITO bipolar array for electrochemiluminescence imaging of H ₂ O ₂ . <i>Electrochemistry Communications</i> , 2014 , 49, 75-78	5.1	23
502	Fluid inclusion and stable isotope study of the Shagou AgPbZn deposit, Luoning, Henan province, China: Implications for the genesis of an orogenic lode AgPbZn system. <i>Ore Geology Reviews</i> , 2014 , 62, 199-210	3.2	21
501	Photoelectrochemical DNA biosensors. <i>Chemical Reviews</i> , 2014 , 114, 7421-41	68.1	579
500	MnO ₂ @SnO ₂ core-shell heterostructured nanorods for supercapacitors. <i>Materials Letters</i> , 2014 , 130, 107-110	3.3	32
499	A highly sensitive ratiometric electrochemiluminescent biosensor for microRNA detection based on cyclic enzyme amplification and resonance energy transfer. <i>Chemical Communications</i> , 2014 , 50, 14828-30	5.8	84
498	Flexible gold electrode array for multiplexed immunochemical measurement of three protein biomarkers for prostate cancer. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 20137-43	9.5	33
497	BACE1 RNA interference improves spatial memory and attenuates A β burden in a streptozotocin-induced tau hyperphosphorylated rat model. <i>Cell Biochemistry and Function</i> , 2014 , 32, 590-6	4.2	6
496	A general strategy for photoelectrochemical immunoassay using an enzyme label combined with a CdS quantum dot/TiO ₂ nanoparticle composite electrode. <i>Analytical Chemistry</i> , 2014 , 86, 11513-6	7.8	75

495	?????????????. <i>Chinese Science Bulletin</i> , 2014 , 59, 122-132	2.9	4
494	On-chip selective capture of cancer cells and ultrasensitive fluorescence detection of survivin mRNA in a single living cell. <i>Lab on A Chip</i> , 2013 , 13, 3868-75	7.2	22
493	Preparation of solid contact potentiometric sensors with self-plasticizing triblock polymer and ionic liquid-polymer composites. <i>Sensors and Actuators B: Chemical</i> , 2013 , 186, 321-326	8.5	11
492	A branched electrode based electrochemical platform: towards new label-free and reagentless simultaneous detection of two biomarkers. <i>Chemical Communications</i> , 2013 , 49, 1052-4	5.8	83
491	Glucose microfluidic biosensors based on reversible enzyme immobilization on photopatterned stimuli-responsive polymer. <i>Biosensors and Bioelectronics</i> , 2013 , 50, 229-34	11.8	27
490	Luminol electrochemiluminescence for the analysis of active cholesterol at the plasma membrane in single mammalian cells. <i>Analytical Chemistry</i> , 2013 , 85, 3912-7	7.8	57
489	Dual-biomarker-based logic-controlled electrochemical diagnosis for prostate cancers. <i>Electrochemistry Communications</i> , 2013 , 32, 27-30	5.1	12
488	Sodium butyrate inhibits interferon-gamma induced indoleamine 2,3-dioxygenase expression via STAT1 in nasopharyngeal carcinoma cells. <i>Life Sciences</i> , 2013 , 93, 509-15	6.8	32
487	A novel microfluidic platform with stable concentration gradient for on chip cell culture and screening assays. <i>Lab on A Chip</i> , 2013 , 13, 3714-20	7.2	30
486	In situ modification of a semiconductor surface by an enzymatic process: a general strategy for photoelectrochemical bioanalysis. <i>Analytical Chemistry</i> , 2013 , 85, 8503-6	7.8	63
485	Enhanced Electrochemiluminescence of TiO ₂ Nanoparticles Modified Electrode by Nafion Film and Its Application in Selective Detection of Dopamine. <i>Electroanalysis</i> , 2013 , 25, 1294-1300	3	9
484	Enhanced Anodic Electrochemiluminescence from Co ²⁺ -Doped CdSe Nanocrystals for Alkaline Phosphatase Assay. <i>Electroanalysis</i> , 2013 , 25, 951-958	3	12
483	Acetylcholine esterase antibodies on BiOI nanoflakes/TiO ₂ nanoparticles electrode: a case of application for general photoelectrochemical enzymatic analysis. <i>Analytical Chemistry</i> , 2013 , 85, 11686-90	7.8	95
482	A reusable potassium ion biosensor based on electrochemiluminescence resonance energy transfer. <i>Chemical Communications</i> , 2013 , 49, 1539-41	5.8	49
481	Portable thermo-powered high-throughput visual electrochemiluminescence sensor. <i>Analytical Chemistry</i> , 2013 , 85, 11715-9	7.8	21
480	Ultrasensitive photoelectrochemical sensing of Pb ²⁺ based on allosteric transition of G-Quadruplex DNzyme. <i>Electrochemistry Communications</i> , 2013 , 35, 38-41	5.1	52
479	A BODIPY-derived fluorescent probe for cellular pH measurements. <i>Analytical Biochemistry</i> , 2013 , 435, 106-13	3.1	24
478	Sensitive electrochemiluminescence biosensor based on Au-ITO hybrid bipolar electrode amplification system for cell surface protein detection. <i>Analytical Chemistry</i> , 2013 , 85, 11960-5	7.8	93

477	Investigating electron-transfer processes using a biomimetic hybrid bilayer membrane system. <i>Nature Protocols</i> , 2013 , 8, 439-50	18.8	40
476	Direct fluorescent measurement of blood potassium with polymeric optical sensors based on upconverting nanomaterials. <i>Analytical Chemistry</i> , 2013 , 85, 2617-22	7.8	41
475	Preparation of poly(trimethyl-2-methacroyloxyethylammonium chloride-co-ethylene glycol dimethacrylate) monolith and its application in solid phase microextraction of brominated flame retardants. <i>Journal of Chromatography A</i> , 2013 , 1291, 1-9	4.5	19
474	Electrochemiluminescence ratiometry: a new approach to DNA biosensing. <i>Analytical Chemistry</i> , 2013 , 85, 5321-5	7.8	186
473	Decreased expression of miR-126 correlates with metastatic recurrence of hepatocellular carcinoma. <i>Clinical and Experimental Metastasis</i> , 2013 , 30, 651-8	4.7	37
472	Photolithographic boronate affinity molecular imprinting: a general and facile approach for glycoprotein imprinting. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7451-4	16.4	201
471	A dual-functional electrochemical biosensor for the detection of prostate specific antigen and telomerase activity. <i>Chemical Communications</i> , 2013 , 49, 6602-4	5.8	62
470	Efficient quenching of electrochemiluminescence from K-doped graphene-CdS:Eu NCs by G-quadruplex-hemin and target recycling-assisted amplification for ultrasensitive DNA biosensing. <i>Chemical Communications</i> , 2013 , 49, 2246-8	5.8	64
469	Electrochemiluminescence on bipolar electrodes for visual bioanalysis. <i>Chemical Science</i> , 2013 , 4, 1182	9.4	96
468	Simultaneous electrochemical immunoassay using CdS/DNA and PbS/DNA nanochains as labels. <i>Biosensors and Bioelectronics</i> , 2013 , 39, 177-82	11.8	74
467	Amplified electrochemiluminescence detection of DNA-binding protein based on the synergy effect of electron and energy transfer between CdS nanocrystals and gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2013 , 41, 615-20	11.8	37
466	Aptamer-based thrombin assay on microfluidic platform. <i>Electrophoresis</i> , 2013 , 34, 3260-6	3.6	9
465	Liquid gradient in two-dimensional matrix for high throughput screening. <i>Biomicrofluidics</i> , 2013 , 7, 64116	9.2	6
464	Photolithographic Boronate Affinity Molecular Imprinting: A General and Facile Approach for Glycoprotein Imprinting. <i>Angewandte Chemie</i> , 2013 , 125, 7599-7602	3.6	24
463	Electrochemiluminescence detection of c-Myc mRNA in breast cancer cells on a wireless bipolar electrode. <i>Methods in Molecular Biology</i> , 2013 , 1039, 169-79	1.4	1
462	Graphene oxide@thionine@Au nanostructure composites: Preparation and applications in non-enzymatic glucose sensing. <i>Electrochemistry Communications</i> , 2012 , 14, 59-62	5.1	106
461	Potassium-doped graphene for simultaneous determination of nitrite and sulfite in polluted water. <i>Electrochemistry Communications</i> , 2012 , 20, 109-112	5.1	43
460	A novel aptasensor based on silver nanoparticle enhanced fluorescence. <i>Biosensors and Bioelectronics</i> , 2012 , 32, 76-81	11.8	42

459	Double-probe signal enhancing strategy for toxin aptasensing based on rolling circle amplification. <i>Biosensors and Bioelectronics</i> , 2012 , 33, 146-51	11.8	78
458	Nanoconfinement effects: glucose oxidase reaction kinetics in nanofluidics. <i>ChemPhysChem</i> , 2012 , 13, 762-8	3.2	25
457	Up-regulation of microRNA-155 promotes cancer cell invasion and predicts poor survival of hepatocellular carcinoma following liver transplantation. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012 , 138, 153-61	4.9	103
456	In situ enzymatic ascorbic acid production as electron donor for CdS quantum dots equipped TiO ₂ nanotubes: a general and efficient approach for new photoelectrochemical immunoassay. <i>Analytical Chemistry</i> , 2012 , 84, 10518-21	7.8	192
455	A practical interface designed for on-line polymer monolith microextraction: synthesis and application of poly(4-vinylpyridine-co-ethylene glycol dimethacrylate) monolith. <i>Journal of Chromatography A</i> , 2012 , 1256, 15-21	4.5	22
454	Immunogold labeling-induced synergy effect for amplified photoelectrochemical immunoassay of prostate-specific antigen. <i>Chemical Communications</i> , 2012 , 48, 5253-5	5.8	66
453	Switchable 'on-off-on' electrochemical technique for direct detection of survivin mRNA in living cells. <i>Analyst, The</i> , 2012 , 137, 3940-5	5	26
452	On chip steady liquid-gas phase separation for flexible generation of dissolved gas concentration gradient. <i>Lab on A Chip</i> , 2012 , 12, 1281-8	7.2	11
451	A nanochannel array based device for determination of the isoelectric point of confined proteins. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 9460-7	3.6	25
450	Electrochemiluminescence Resonance Energy Transfer Between CdS:Eu Nanocrystals and Au Nanorods for Sensitive DNA Detection. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 17773-17780	3.8	74
449	Amplified quenching of electrochemiluminescence from CdS sensitized TiO ₂ nanotubes by CdTe-carbon nanotube composite for detection of prostate protein antigen in serum. <i>Analyst, The</i> , 2012 , 137, 3070-5	5	53
448	Liquid-gas dual phase microfluidic system for biocompatible CaCO ₃ hollow nanoparticles generation and simultaneous molecule doping. <i>Chemical Communications</i> , 2012 , 48, 11635-7	5.8	10
447	A novel aptasensor for the detection of adenosine in cancer cells by electrochemiluminescence of nitrogen doped TiO ₂ nanotubes. <i>Chemical Communications</i> , 2012 , 48, 8234-6	5.8	60
446	Highly efficient quenching of electrochemiluminescence from CdS nanocrystal film based on biocatalytic deposition. <i>Talanta</i> , 2012 , 89, 422-6	6.2	23
445	Highly sensitive photoelectrochemical immunoassay with enhanced amplification using horseradish peroxidase induced biocatalytic precipitation on a CdS quantum dots multilayer electrode. <i>Analytical Chemistry</i> , 2012 , 84, 917-23	7.8	241
444	A novel evaluation method for extrapolated retention factor in determination of n-octanol/water partition coefficient of halogenated organic pollutants by reversed-phase high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2012 , 713, 130-5	6.6	14
443	Gravitational sedimentation induced blood delamination for continuous plasma separation on a microfluidics chip. <i>Analytical Chemistry</i> , 2012 , 84, 3780-6	7.8	72
442	A robust watermarking algorithm based on QR factorization and DCT using quantization index modulation technique. <i>Journal of Zhejiang University: Science C</i> , 2012 , 13, 573-584		12

441	The coupling of localized surface plasmon resonance-based photoelectrochemistry and nanoparticle size effect: towards novel plasmonic photoelectrochemical biosensing. <i>Chemical Communications</i> , 2012 , 48, 895-7	5.8	67
440	Exploration of two-enzyme coupled catalysis system using scanning electrochemical microscopy. <i>Analytical Chemistry</i> , 2012 , 84, 10586-92	7.8	21
439	DNAzyme-functionalized Pt nanoparticles/carbon nanotubes for amplified sandwich electrochemical DNA analysis. <i>Biosensors and Bioelectronics</i> , 2012 , 38, 337-41	11.8	49
438	Identification of recurrence-related microRNAs in hepatocellular carcinoma following liver transplantation. <i>Molecular Oncology</i> , 2012 , 6, 445-57	7.9	89
437	One step high quality poly(dimethylsiloxane)-hydrocarbon plastics bonding. <i>Biomicrofluidics</i> , 2012 , 6, 16507-165078	3.2	14
436	Potassium-doped graphene enhanced electrochemiluminescence of SiO(2)@CdS nanocomposites for sensitive detection of TATA-binding protein. <i>Chemical Communications</i> , 2012 ,	5.8	37
435	Sensitive electrochemiluminescence detection of c-Myc mRNA in breast cancer cells on a wireless bipolar electrode. <i>Analytical Chemistry</i> , 2012 , 84, 5407-14	7.8	111
434	miR-203 expression predicts outcome after liver transplantation for hepatocellular carcinoma in cirrhotic liver. <i>Medical Oncology</i> , 2012 , 29, 1859-65	3.7	45
433	Sensitive cancer cell detection based on Au nanoparticles enhanced electrochemiluminescence of CdS nanocrystal film supplemented by magnetic separation. <i>Electrochemistry Communications</i> , 2012 , 25, 112-115	5.1	23
432	Electrochemiluminescence behaviors of Eu(3+)-doped CdS nanocrystals film in aqueous solution. <i>Nanoscale</i> , 2012 , 4, 831-6	7.7	65
431	Microchip device with 64-site electrode array for multiplexed immunoassay of cell surface antigens based on electrochemiluminescence resonance energy transfer. <i>Analytical Chemistry</i> , 2012 , 84, 4207-13	7.8	101
430	Glass etching to bridge micro- and nanofluidics. <i>Lab on A Chip</i> , 2012 , 12, 381-6	7.2	28
429	Polymeric optodes based on upconverting nanorods for fluorescent measurements of pH and metal ions in blood samples. <i>Analytical Chemistry</i> , 2012 , 84, 1969-74	7.8	68
428	Exciton-plasmon interactions between CdS quantum dots and Ag nanoparticles in photoelectrochemical system and its biosensing application. <i>Analytical Chemistry</i> , 2012 , 84, 5892-7	7.8	150
427	Cell surface carbohydrates evaluation via a photoelectrochemical approach. <i>Chemical Communications</i> , 2012 , 48, 9456-8	5.8	40
426	Rapid protein concentration, efficient fluorescence labeling and purification on a micro/nanofluidics chip. <i>Lab on A Chip</i> , 2012 , 12, 2664-71	7.2	33
425	Synthesis of Potassium-Modified Graphene and Its Application in Nitrite-Selective Sensing. <i>Advanced Functional Materials</i> , 2012 , 22, 1981-1988	15.6	90
424	Aptamer-based silver nanosensor for multiple protein detection. <i>Lab on A Chip</i> , 2012 , 12, 3184-9	7.2	25

423	Mass transport in nanofluidic devices. <i>Science China Chemistry</i> , 2012 , 55, 453-468	7.9	21
422	An Electrochemical DNA Biosensor Based on Gold Nanofilm and Stable Y Junction Structure. <i>Acta Chimica Sinica</i> , 2012 , 70, 1457	3.3	3
421	Reversible redox of NADH and NAD ⁺ at a hybrid lipid bilayer membrane using ubiquinone. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12366-9	16.4	57
420	In vitro detection of superoxide anions released from cancer cells based on potassium-doped carbon nanotubes-ionic liquid composite gels. <i>Nanoscale</i> , 2011 , 3, 5026-33	7.7	22
419	Electrochemiluminescence analysis of folate receptors on cell membrane with on-chip bipolar electrode. <i>Lab on A Chip</i> , 2011 , 11, 2720-4	7.2	55
418	Fluorescence enhancement of silver nanoparticle hybrid probes and ultrasensitive detection of IgE. <i>Analytical Chemistry</i> , 2011 , 83, 8945-52	7.8	78
417	Highly sensitive electrochemiluminescence detection of single-nucleotide polymorphisms based on isothermal cycle-assisted triple-stem probe with dual-nanoparticle label. <i>Analytical Chemistry</i> , 2011 , 83, 8320-8	7.8	66
416	Signal amplification for DNA detection based on the HRP-functionalized Fe ₃ O ₄ nanoparticles. <i>Talanta</i> , 2011 , 84, 531-7	6.2	30
415	UV-ablation nanochannels in micro/nanofluidics devices for biochemical analysis. <i>Talanta</i> , 2011 , 85, 298-303	6.2	22
414	A novel label-free electrochemical immunosensor for carcinoembryonic antigen based on gold nanoparticles-thionine-reduced graphene oxide nanocomposite film modified glassy carbon electrode. <i>Talanta</i> , 2011 , 85, 2620-5	6.2	98
413	Enhanced electrochemiluminescence quenching of CdS:Mn nanocrystals by CdTe QDs-doped silica nanoparticles for ultrasensitive detection of thrombin. <i>Nanoscale</i> , 2011 , 3, 2916-23	7.7	74
412	Gold nanoparticle/DNA/methylene blue nanocomposites for the ultrasensitive electrochemical detection of carcinoembryonic antigen. <i>Electrochimica Acta</i> , 2011 , 56, 9386-9390	6.7	31
411	Potassium-doped carbon nanotubes toward the direct electrochemistry of cholesterol oxidase and its application in highly sensitive cholesterol biosensor. <i>Electrochimica Acta</i> , 2011 , 56, 9378-9385	6.7	30
410	Gold nanoparticles-coated magnetic microspheres as affinity matrix for detection of hemoglobin A1c in blood by microfluidic immunoassay. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 4779-84	11.8	52
409	Simply amplified electrochemical aptasensor of ochratoxin A based on exonuclease-catalyzed target recycling. <i>Biosensors and Bioelectronics</i> , 2011 , 29, 97-101	11.8	95
408	Determination of n-octanol/water partition coefficient for DDT-related compounds by RP-HPLC with a novel dual-point retention time correction. <i>Chemosphere</i> , 2011 , 83, 131-6	8.4	34
407	Gold nanoparticle enhanced electrochemiluminescence of CdS thin films for ultrasensitive thrombin detection. <i>Analytical Chemistry</i> , 2011 , 83, 4004-11	7.8	264
406	Magnetic particles and cadmium sulfide nanoparticles tagging for signal-amplifying detection of nucleic acids. <i>Science China Chemistry</i> , 2011 , 54, 1304-1310	7.9	9

405	Noncovalent Assembly of Picket-Fence Porphyrin on Carbon Nanotubes as Effective Peroxidase-Like Catalysts for Detection of Hydrogen Peroxide in Beverages. <i>Electroanalysis</i> , 2011 , 23, 2955-2963	3	12
404	Interconnected ordered nanoporous networks of colloidal crystals integrated on a microfluidic chip for highly efficient protein concentration. <i>Electrophoresis</i> , 2011 , 32, 3424-30	3.6	13
403	Label-free electrical discrimination of cells at normal, apoptotic and necrotic status with a microfluidic device. <i>Journal of Chromatography A</i> , 2011 , 1218, 5725-9	4.5	37
402	Ultrasensitive DNA detection based on Au nanoparticles and isothermal circular double-assisted electrochemiluminescence signal amplification. <i>Chemical Communications</i> , 2011 , 47, 8358-60	5.8	86
401	Electric detection of DNA with PDMS microgap electrodes and silver nanoparticles. <i>Analyst, The</i> , 2011 , 136, 540-4	5	7
400	An effective DNA-based electrochemical switch for reagentless detection of living cells. <i>Chemical Communications</i> , 2011 , 47, 4388-90	5.8	41
399	CdSe/ZnS quantum dot-Cytochrome c bioconjugates for selective intracellular O ₂ sensing. <i>Chemical Communications</i> , 2011 , 47, 8539-41	5.8	50
398	CdS quantum dots/Ru(bpy) ₃ (2+) electrochemiluminescence resonance energy transfer system for sensitive cytosensing. <i>Chemical Communications</i> , 2011 , 47, 7752-4	5.8	101
397	Energy transfer between CdS quantum dots and Au nanoparticles in photoelectrochemical detection. <i>Chemical Communications</i> , 2011 , 47, 10990-2	5.8	151
396	CdS nanoparticles functionalized colloidal carbon particles: preparation, characterization and application for electrochemical detection of thrombin. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 3654-9	11.8	24
395	Ultrasensitive photoelectrochemical biosensing based on biocatalytic deposition. <i>Electrochemistry Communications</i> , 2011 , 13, 495-497	5.1	64
394	Photoinducedly electrochemical preparation of Prussian blue film and electrochemical modification of the film with cetyltrimethylammonium cation. <i>Electrochimica Acta</i> , 2011 , 56, 4007-4014	6.7	12
393	An electrochemical immunosensing method based on silver nanoparticles. <i>Journal of Electroanalytical Chemistry</i> , 2011 , 656, 50-54	4.1	29
392	In situ spectroelectrochemistry and cytotoxic activities of natural ubiquinone analogues. <i>Tetrahedron</i> , 2011 , 67, 5990-6000	2.4	21
391	Determination of Glucose on Free Enzyme-based Poly(dimethylsiloxane) Microchip. <i>Chinese Journal of Analytical Chemistry</i> , 2010 , 38, 767-770	1.6	2
390	Rapid Analysis of the Main Components of the Total Glycosides of <i>Ranunculus japonicus</i> by UPLC/Q-TOF-MS. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000500	0.9	0
389	Selective detection of trace amount of Cu ²⁺ using semiconductor nanoparticles in photoelectrochemical analysis. <i>Nanoscale</i> , 2010 , 2, 1112-4	7.7	112
388	Study on the kinetics of homogeneous enzyme reactions in a micro/nanofluidics device. <i>Lab on A Chip</i> , 2010 , 10, 639-46	7.2	56

387	A nanochannel array-based electrochemical device for quantitative label-free DNA analysis. <i>ACS Nano</i> , 2010 , 4, 6417-24	16.7	120
386	Ultrasensitive electrochemical detection of DNA hybridization using Au/Fe ₃ O ₄ magnetic composites combined with silver enhancement. <i>Analyst, The</i> , 2010 , 135, 1672-9	5	34
385	Logic-Based Dual-Functional DNA Tweezers with Protein and Small Molecule as Mechanical Activators. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 21948-21952	3.8	13
384	Cytosensor Constructed with a Biomimetic Fibronectin-Functionalized Carbon Nanotubes on Glassy Carbon Heated Electrode. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 19503-19508	3.8	16
383	Thermal/plasma-driven reversible wettability switching of a bare gold film on a poly(dimethylsiloxane) surface by electroless plating. <i>Langmuir</i> , 2010 , 26, 1191-8	4	30
382	Functional nanoprobe for ultrasensitive detection of biomolecules. <i>Chemical Society Reviews</i> , 2010 , 39, 4234-43	58.5	492
381	On-line coupling of in-tube boronate affinity solid phase microextraction with high performance liquid chromatography-electrospray ionization tandem mass spectrometry for the determination of cis-diol biomolecules. <i>Talanta</i> , 2010 , 82, 270-6	6.2	45
380	Lab-on-a-chip for analysis of triglycerides based on a replaceable enzyme carrier using magnetic beads. <i>Analyst, The</i> , 2010 , 135, 2979-86	5	18
379	Ultrasensitive electrochemical detection for DNA arrays based on silver nanoparticle aggregates. <i>Analytical Chemistry</i> , 2010 , 82, 5477-83	7.8	140
378	Large scale lithography-free nano channel array on polystyrene. <i>Lab on A Chip</i> , 2010 , 10, 2894-901	7.2	26
377	Electrochemiluminescence quenching by CdTe quantum dots through energy scavenging for ultrasensitive detection of antigen. <i>Chemical Communications</i> , 2010 , 46, 5079-81	5.8	74
376	Opto-magnetic interaction between electrochemiluminescent CdS : Mn film and Fe ₃ O ₄ nanoparticles and its application to immunosensing. <i>Chemical Communications</i> , 2010 , 46, 4187-9	5.8	45
375	Air plasma assisting microcontact deprinting and printing for gold thin film and PDMS patterns. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 1324-30	9.5	31
374	Molding a silver nanoparticle template on polydimethylsiloxane to efficiently capture mammalian cells. <i>Langmuir</i> , 2010 , 26, 2924-9	4	21
373	A theoretical analysis and its application of the second order EC reactions at microelectrodes under steady-state conditions. <i>Chinese Journal of Chemistry</i> , 2010 , 11, 308-315	4.9	1
372	Application of silver electrode to the electrochemical studies of hemoglobin. <i>Chinese Journal of Chemistry</i> , 2010 , 13, 318-323	4.9	1
371	Hydrophilic biopolymer grafted on poly(dimethylsiloxane) surface for microchip electrophoresis. <i>Analytica Chimica Acta</i> , 2010 , 658, 75-80	6.6	21
370	A photoelectrochemical sensor based on CdS-polyamidoamine nano-composite film for cell capture and detection. <i>Biosensors and Bioelectronics</i> , 2010 , 25, 2045-50	11.8	130

369	Rhodamine-based ratiometric fluorescent ion-selective bulk optodes. <i>Sensors and Actuators B: Chemical</i> , 2010 , 151, 71-76	8.5	21
368	Rhodamine B doped silica nanoparticle labels for protein microarray detection. <i>Science China Chemistry</i> , 2010 , 53, 747-751	7.9	11
367	A strategy to improve the accuracy of digital simulation for electroanalytical chemistry. <i>Chinese Journal of Chemistry</i> , 2010 , 15, 250-259	4.9	3
366	Spectroscopic and Spectroelectrochemical Studies of Interaction of Nile Blue with DNA. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 57-62	4.9	8
365	Studies on the interaction between rutin and DNA in the absence and presence of β -cyclodextrin by electrochemical and spectroscopic methods. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 1325-1329	4.9	17
364	Direct electrochemistry of cytochrome c on EDTA-ZrO ₂ organic-inorganic hybrid film modified electrodes. <i>Chinese Journal of Chemistry</i> , 2010 , 22, 1403-1406	4.9	3
363	An Electrically Heated Au Electrode for Electrochemical Detection in Microchip System. <i>Electroanalysis</i> , 2010 , 22, 1217-1222	3	9
362	Selective Detection of p-Phenylenediamine in Hair Dyes Based on a Special CE Mechanism Using MnO ₂ Nanowires. <i>Electroanalysis</i> , 2010 , 22, 1239-1247	3	23
361	Direct Electrochemistry and Bioelectrocatalysis of Microperoxidase-11 Immobilized on Chitosan-Graphene Nanocomposite. <i>Electroanalysis</i> , 2010 , 22, 1323-1328	3	48
360	Multi-parameter detection of diabetes mellitus on multichannel poly(dimethylsiloxane) analytical chips coupled with nanoband microelectrode arrays. <i>Electrophoresis</i> , 2010 , 31, 3097-106	3.6	7
359	Study on the influence of cross-sectional area and zeta potential on separation for hybrid-chip-based capillary electrophoresis using 3-D simulations. <i>Electrophoresis</i> , 2010 , 31, 3665-74	3.6	12
358	A Reusable Interface Constructed by 3-Aminophenylboronic Acid-Functionalized Multiwalled Carbon Nanotubes for Cell Capture, Release, and Cytosensing. <i>Advanced Functional Materials</i> , 2010 , 20, 992-999	15.6	79
357	Real-time monitoring of mass-transport-related enzymatic reaction kinetics in a nanochannel-array reactor. <i>Chemistry - A European Journal</i> , 2010 , 16, 10186-94	4.8	35
356	Anomalous Diffusion of Electrically Neutral Molecules in Charged Nanochannels. <i>Angewandte Chemie</i> , 2010 , 122, 8115-8119	3.6	4
355	Anomalous diffusion of electrically neutral molecules in charged nanochannels. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 7943-7	16.4	63
354	Electrochemistry and electrochemiluminescence for the host-guest system laponite κ ris(2,2'-bipyridyl)ruthenium(II). <i>Electrochemistry Communications</i> , 2010 , 12, 227-230	5.1	14
353	Enhanced solid-state electrogenerated chemiluminescence of Au/CdS nanocomposite and its sensing to H ₂ O ₂ . <i>Electrochimica Acta</i> , 2010 , 55, 8268-8272	6.7	24
352	Preparation of metal nanoband microelectrode on poly(dimethylsiloxane) for chip-based amperometric detection. <i>Analytica Chimica Acta</i> , 2010 , 665, 152-9	6.6	7

351	Enhanced biosensing performance of mesoporous SnO ₂ multilayer film in interfacing hemoglobin. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 2290-6	1.3	8
350	Phenotypic knockout of CXCR4 by a novel recombinant protein TAT/54R/KDEL inhibits tumors metastasis. <i>Molecular Cancer Research</i> , 2009 , 7, 1613-21	6.6	13
349	Signal-On Electrochemiluminescence Biosensors Based on CdS/Carbon Nanotube Nanocomposite for the Sensitive Detection of Choline and Acetylcholine. <i>Advanced Functional Materials</i> , 2009 , 19, 1444-1450	15.6	163
348	Combination of large volume sample stacking and reversed pH junction in capillary electrophoresis for online preconcentration of glycoforms of recombinant human erythropoietin. <i>Journal of Separation Science</i> , 2009 , 32, 422-9	3.4	18
347	Ring-Opening Polymerization with Synergistic Co-monomers: Access to a Boronate-Functionalized Polymeric Monolith for the Specific Capture of cis-Diol-Containing Biomolecules under Neutral Conditions. <i>Angewandte Chemie</i> , 2009 , 121, 6832-6835	3.6	40
346	Ring-opening polymerization with synergistic co-monomers: access to a boronate-functionalized polymeric monolith for the specific capture of cis-diol-containing biomolecules under neutral conditions. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6704-7	16.4	181
345	Selective detection of dopamine based on the unique property of gold nanofilm. <i>Journal of Electroanalytical Chemistry</i> , 2009 , 633, 182-186	4.1	40
344	Progress in the studies of photoelectrochemical sensors. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 1789-1800		64
343	A novel hemin-based organic phase artificial enzyme electrode and its application in different hydrophobicity organic solvents. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2002-7	11.8	15
342	A novel protein analytical method based on hybrid-aptamer and DNA-arrayed electrodes. <i>Electrochemistry Communications</i> , 2009 , 11, 1627-1630	5.1	11
341	Ultrathin platinum film covered high-surface-area nanoporous gold for methanol electro-oxidation. <i>Electrochemistry Communications</i> , 2009 , 11, 1717-1720	5.1	32
340	Enzyme enhanced quantitative determination of multiple DNA targets based on capillary electrophoresis. <i>Journal of Chromatography A</i> , 2009 , 1216, 2567-73	4.5	5
339	Boronate functionalized magnetic nanoparticles and off-line hyphenation with capillary electrophoresis for specific extraction and analysis of biomolecules containing cis-diols. <i>Journal of Chromatography A</i> , 2009 , 1216, 7558-63	4.5	50
338	Dopamine sensitized nanoporous TiO ₂ film on electrodes: photoelectrochemical sensing of NADH under visible irradiation. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2494-8	11.8	136
337	Selective sensing of cysteine on manganese dioxide nanowires and chitosan modified glassy carbon electrodes. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 2985-90	11.8	95
336	Label-free photoelectrochemical immunoassay for alpha-fetoprotein detection based on TiO ₂ /CdS hybrid. <i>Biosensors and Bioelectronics</i> , 2009 , 25, 791-6	11.8	222
335	Patterned Au/poly(dimethylsiloxane) substrate fabricated by chemical plating coupled with electrochemical etching for cell patterning. <i>Langmuir</i> , 2009 , 25, 10402-7	4	45
334	Cytosensing and evaluation of cell surface glycoprotein based on a biocompatible poly(diallyldimethylammonium) doped poly(dimethylsiloxane) film. <i>Langmuir</i> , 2009 , 25, 3089-95	4	22

333	Electrochemical determination of arsenite in neutral media on reusable gold nanostructured films. <i>Talanta</i> , 2009 , 79, 243-8	6.2	22
332	Electrochemically deposited boronate affinity extracting phase for covalent solid phase microextraction of cis-diol biomolecules. <i>Talanta</i> , 2009 , 79, 746-51	6.2	35
331	Selective detection of hypertoxic organophosphates pesticides via PDMS composite based acetylcholinesterase-inhibition biosensor. <i>Environmental Science & Technology</i> , 2009 , 43, 6724-9	10.3	71
330	Distance-dependent quenching and enhancing of electrochemiluminescence from a CdS:Mn nanocrystal film by Au nanoparticles for highly sensitive detection of DNA. <i>Chemical Communications</i> , 2009 , 905-7	5.8	246
329	A Label-Free Photoelectrochemical Immunosensor Based on Water-Soluble CdS Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 11142-11148	3.8	218
328	Dendritic CdO Nanomaterials Prepared by Electrochemical Deposition and Their Electrogenerated Chemiluminescence Behaviors in Aqueous Systems. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 7151-7157	3.8	34
327	Fe ₃ O ₄ /Polypyrrole/Au nanocomposites with core/shell/shell structure: synthesis, characterization, and their electrochemical properties. <i>Langmuir</i> , 2008 , 24, 13748-52	4	239
326	Electrochemiluminescence immunosensor based on CdSe nanocomposites. <i>Analytical Chemistry</i> , 2008 , 80, 4033-9	7.8	249
325	Determination of chloride, chlorate and perchlorate by PDMS microchip electrophoresis with indirect amperometric detection. <i>Talanta</i> , 2008 , 75, 157-62	6.2	16
324	Direct electrochemistry and reagentless biosensing of glucose oxidase immobilized on chitosan wrapped single-walled carbon nanotubes. <i>Talanta</i> , 2008 , 76, 419-23	6.2	81
323	In-situ synthesis of poly(dimethylsiloxane)-gold nanoparticles composite films and its application in microfluidic systems. <i>Lab on A Chip</i> , 2008 , 8, 352-7	7.2	173
322	Shape-Controlled Gold Nanoarchitectures: Synthesis, Superhydrophobicity, and Electrocatalytic Properties. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 13886-13892	3.8	134
321	Electrochemical identification of the property of peripheral nerve fiber based on a biocompatible polymer film via in situ incorporating gold nanoparticles. <i>Analytical Chemistry</i> , 2008 , 80, 3769-76	7.8	35
320	Relationship between Nanostructure and Electrochemical/Biosensing Properties of MnO ₂ Nanomaterials for H ₂ O ₂ /Choline. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 18984-18990	3.8	52
319	Synthesis and field emission of single-crystalline copper vanadate nanobelts. <i>Nanotechnology</i> , 2008 , 19, 035607	3.4	9
318	Synthesis of Ordered Macroporous Pt/Ru Nanocomposites for the Electrooxidation of Methanol. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 979-985	1.3	19
317	SDF-1/54-DCN: a novel recombinant chimera with dual inhibitory effects on proliferation and chemotaxis of tumor cells. <i>Biological and Pharmaceutical Bulletin</i> , 2008 , 31, 1086-91	2.3	6
316	Characterizing the interaction between aptamers and human IgE by use of surface plasmon resonance. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1059-65	4.4	52

315	An electrochemical impedimetric arrayed immunosensor based on indium tin oxide electrodes and silver-enhanced gold nanoparticles. <i>Mikrochimica Acta</i> , 2008 , 163, 63-70	5.8	34
314	Low-Potential Detection of Glucose with a Biosensor Based on the Immobilization of Glucose Oxidase on Polymer/Manganese Oxide Layered Nanocomposite. <i>Electroanalysis</i> , 2008 , 20, 507-512	3	27
313	Gold Nanoparticle/Colloidal Carbon Nanosphere Hybrid Material: Preparation, Characterization, and Application for an Amplified Electrochemical Immunoassay. <i>Advanced Functional Materials</i> , 2008 , 18, 2197-2204	15.6	199
312	One-step biomimetic coprecipitation method to form calcium phosphate and hemoglobin composite nanoparticles for biosensing application. <i>Journal of Electroanalytical Chemistry</i> , 2008 , 624, 79-83	4.1	13
311	Rapid and high-resolution glycoform profiling of recombinant human erythropoietin by capillary isoelectric focusing with whole column imaging detection. <i>Journal of Chromatography A</i> , 2008 , 1190, 372-6	4.5	42
310	Electrochemical modulation of electrogenerated chemiluminescence of CdS nano-composite. <i>Electrochemistry Communications</i> , 2008 , 10, 1530-1532	5.1	37
309	A New Electrochemiluminescence Emission of Mn ²⁺ -Doped ZnS Nanocrystals in Aqueous Solution. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 17581-17585	3.8	68
308	Highly luminescent zinc(II)-bis(8-hydroxyquinoline) complex nanorods: sonochemical synthesis, characterizations, and protein sensing. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 5767-72	3.4	52
307	Catalytic deposition of Pb on regenerated gold nanofilm surface and its application in selective determination of Pb ²⁺ . <i>Langmuir</i> , 2007 , 23, 8597-601	4	31
306	Versatile immunosensor using CdTe quantum dots as electrochemical and fluorescent labels. <i>Analytical Chemistry</i> , 2007 , 79, 8494-501	7.8	186
305	CdS nanocrystal-based electrochemiluminescence biosensor for the detection of low-density lipoprotein by increasing sensitivity with gold nanoparticle amplification. <i>Analytical Chemistry</i> , 2007 , 79, 5574-81	7.8	315
304	The Synergistic Effect of Prussian-Blue-Grafted Carbon Nanotube/Poly(4-vinylpyridine) Composites for Amperometric Sensing. <i>Advanced Functional Materials</i> , 2007 , 17, 1574-1580	15.6	182
303	Enhanced Microchip Electrophoresis of Neurotransmitters on Glucose Oxidase Modified Poly(dimethylsiloxane) Microfluidic Devices. <i>Electroanalysis</i> , 2007 , 19, 674-680	3	12
302	Low EOF rate measurement based on constant effective mobility in microchip CE. <i>Electrophoresis</i> , 2007 , 28, 2893-6	3.6	9
301	Bulk modification of PDMS microchips by an amphiphilic copolymer. <i>Electrophoresis</i> , 2007 , 28, 3302-7	3.6	29
300	Separation of three water-soluble vitamins by poly(dimethylsiloxane) microchannel electrophoresis with electrochemical detection. <i>Journal of Separation Science</i> , 2007 , 30, 2320-5	3.4	6
299	Electrochemical detection modes for microchip capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 125-132	14.6	54
298	Spectroelectrochemistry of hollow spherical CdSe quantum dot assemblies in water. <i>Electrochemistry Communications</i> , 2007 , 9, 551-557	5.1	50

297	Choline biosensors based on a bi-electrocatalytic property of MnO ₂ nanoparticles modified electrodes to H ₂ O ₂ . <i>Electrochemistry Communications</i> , 2007 , 9, 2611-2616	5.1	121
296	In-situ grafting hydrophilic polymer on chitosan modified poly(dimethylsiloxane) microchip for separation of biomolecules. <i>Journal of Chromatography A</i> , 2007 , 1147, 120-6	4.5	62
295	Direct electron transfer and electrocatalysis of hemoglobin adsorbed on mesoporous carbon through layer-by-layer assembly. <i>Biosensors and Bioelectronics</i> , 2007 , 22, 1618-24	11.8	111
294	Determination of morphine and codeine in urine using poly(dimethylsiloxane) microchip electrophoresis with electrochemical detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 43, 237-42	3.5	32
293	Determination of heterocyclic amines by capillary electrophoresis with UV-DAD detection using on-line preconcentration. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 854, 224-9	3.2	17
292	Effects of the coexisting diterpenoid tanshinones on the pharmacokinetics of cryptotanshinone and tanshinone IIA in rat. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 32, 247-53	5.1	34
291	Three-Dimensionally Ordered Macroporous Gold Structure as an Efficient Matrix for Solid-State Electrochemiluminescence of Ru(bpy) ₃ ²⁺ /TPA System with High Sensitivity. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 12213-12219	3.8	71
290	A simple method to fabricate a chitosan-gold nanoparticles film and its application in glucose biosensor. <i>Bioelectrochemistry</i> , 2007 , 70, 342-7	5.6	181
289	Direct electrochemistry and electrocatalysis of hemoglobin on undoped nanocrystalline diamond modified glassy carbon electrode. <i>Bioelectrochemistry</i> , 2007 , 71, 243-8	5.6	33
288	Electrogenerated chemiluminescence and electrochemical bi-functional sensors for H ₂ O ₂ based on CdS nanocrystals/hemoglobin multilayers. <i>Journal of Electroanalytical Chemistry</i> , 2007 , 610, 186-192	4.1	40
287	In-channel indirect amperometric detection of heavy metal ions for electrophoresis on a poly(dimethylsiloxane) microchip. <i>Talanta</i> , 2007 , 71, 1130-5	6.2	33
286	Study on the separation of amino acids in modified poly(dimethylsiloxane) microchips. <i>Talanta</i> , 2007 , 71, 2048-55	6.2	26
285	Separation of aminophenol isomers in polyelectrolyte multilayers modified PDMS microchip. <i>Talanta</i> , 2007 , 72, 1316-21	6.2	19
284	Electrochemically Deposited 2D Nanowalls of Calcium Phosphate/BDDA on a Glassy Carbon Electrode and Their Applications in Biosensing. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 16564-16570	3.8	22
283	Nanocrystalline diamond modified gold electrode for glucose biosensing. <i>Biosensors and Bioelectronics</i> , 2006 , 22, 649-55	11.8	77
282	Three-dimensional ordered macroporous platinum-based electrode for methanol oxidation. <i>Science Bulletin</i> , 2006 , 51, 19-24		15
281	Cloning and characterizing mutated human stromal cell-derived factor-1 (SDF-1): C-terminal alpha-helix of SDF-1alpha plays a critical role in CXCR4 activation and signaling, but not in CXCR4 binding affinity. <i>Experimental Hematology</i> , 2006 , 34, 1553-62	3.1	27
280	Electrocatalytic Oxidation of Dopamine and Ascorbic Acid on Carbon Paste Electrode Modified with Nanosized Cobalt Phthalocyanine Particles: Simultaneous Determination in the Presence of CTAB. <i>Electroanalysis</i> , 2006 , 18, 282-290	3	53

279	Electrochemical Biosensors Based on Layer-by-Layer Assemblies. <i>Electroanalysis</i> , 2006 , 18, 1737-1748	3	130
278	Patterning microbeads inside poly(dimethylsiloxane) microfluidic channels and its application for immobilized microfluidic enzyme reactors. <i>Electrophoresis</i> , 2006 , 27, 4943-51	3.6	33
277	EOF measurement by detection of a sampling zone with end-channel amperometry in microchip CE. <i>Electrophoresis</i> , 2006 , 27, 5132-7	3.6	13
276	Sonochemical Preparation of Luminescent PbWO ₄ Nanocrystals with Morphology Evolution. <i>Crystal Growth and Design</i> , 2006 , 6, 321-326	3.5	93
275	Antimony(III)-doped PbWO ₄ crystals with enhanced photoluminescence via a shape-controlled sonochemical route. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 13777-85	3.4	56
274	Fabrication of Cd(OH) ₂ nanorings by ultrasonic chiselling on Cd(OH) ₂ nanoplates. <i>Chemical Communications</i> , 2006 , 3013-5	5.8	51
273	Off-line form of the Michaelis-Menten equation for studying the reaction kinetics in a polymer microchip integrated with enzyme microreactor. <i>Lab on A Chip</i> , 2006 , 6, 811-8	7.2	32
272	Enhanced solid-state electrochemiluminescence of CdS nanocrystals composited with carbon nanotubes in H ₂ O ₂ solution. <i>Chemical Communications</i> , 2006 , 3631-3	5.8	145
271	Sonochemical route for self-assembled V ₂ O ₅ bundles with spindle-like morphology and their novel application in serum albumin sensing. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 14709-13	3.4	62
270	Porous Gold-Nanoparticle/CaCO ₃ Hybrid Material: Preparation, Characterization, and Application for Horseradish Peroxidase Assembly and Direct Electrochemistry. <i>Chemistry of Materials</i> , 2006 , 18, 279-284	9.6	151
269	A Novel Nitric Oxide Cellular Biosensor Based on Red Blood Cells Immobilized on Gold Nanoparticles. <i>Analytical Letters</i> , 2006 , 39, 2849-2859	2.2	16
268	The direct electron transfer of myoglobin based on the electron tunneling in proteins. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 11561-5	3.4	50
267	Novel coupling mechanism-based imaging approach to scanning electrochemical microscopy for probing the electric field distribution at the microchannel end. <i>Langmuir</i> , 2006 , 22, 7052-8	4	10
266	Hollow PbWO ₄ nanospindles via a facile sonochemical route. <i>Inorganic Chemistry</i> , 2006 , 45, 8403-7	5.1	92
265	Rapid, large-scale synthesis and electrochemical behavior of faceted single-crystalline selenium nanotubes. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 9041-7	3.4	71
264	The use of poly(dimethylsiloxane) surface modification with gold nanoparticles for the microchip electrophoresis. <i>Talanta</i> , 2006 , 69, 210-5	6.2	64
263	Tris(2,2'-bipyridyl)ruthenium(II)-Zirconia-Nafion composite modified electrode applied as solid-state electrochemiluminescence detector on electrophoretic microchip for detection of pharmaceuticals of tramadol, lidocaine and ofloxacin. <i>Talanta</i> , 2006 , 70, 572-7	6.2	54
262	Microchip capillary electrophoresis coupled with an end-column electrochemiluminescence detection. <i>Talanta</i> , 2006 , 70, 403-7	6.2	26

261	Interfacing myoglobin to graphite electrode with an electrodeposited nanoporous ZnO film. <i>Analytical Biochemistry</i> , 2006 , 350, 145-50	3.1	66
260	Nonionic surfactant dynamic coating of poly(dimethylsiloxane) channel surface for microchip electrophoresis of amino acids. <i>Analytica Chimica Acta</i> , 2006 , 569, 188-194	6.6	33
259	Proteins modification of poly(dimethylsiloxane) microfluidic channels for the enhanced microchip electrophoresis. <i>Journal of Chromatography A</i> , 2006 , 1107, 257-64	4.5	54
258	Fatty acids by high-performance liquid chromatography and evaporative light-scattering detector. <i>Journal of Chromatography A</i> , 2006 , 1134, 210-4	4.5	69
257	Glucose microfluidic biosensors based on immobilizing glucose oxidase in poly(dimethylsiloxane) electrophoretic microchips. <i>Journal of Chromatography A</i> , 2006 , 1135, 122-6	4.5	26
256	Modification of poly(dimethylsiloxane) microfluidic channels with silica nanoparticles based on layer-by-layer assembly technique. <i>Journal of Chromatography A</i> , 2006 , 1136, 111-7	4.5	38
255	Direct electron transfer and electrocatalysis of hemoglobin adsorbed onto electrodeposited mesoporous tungsten oxide. <i>Electrochemistry Communications</i> , 2006 , 8, 77-82	5.1	126
254	Fabrication, characterization of Fe ₃ O ₄ multilayer film and its application in promoting direct electron transfer of hemoglobin. <i>Electrochemistry Communications</i> , 2006 , 8, 148-154	5.1	160
253	Fabrication, characterization and application of gold nano-structured film. <i>Electrochemistry Communications</i> , 2006 , 8, 773-778	5.1	90
252	Biocomposite of cobalt phthalocyanine and lactate oxidase for lactate biosensing with MnO ₂ nanoparticles as an eliminator of ascorbic acid interference. <i>Sensors and Actuators B: Chemical</i> , 2006 , 114, 1052-1058	8.5	42
251	Electrochemical deposition of Prussian blue on hydrogen terminated silicon(111). <i>Thin Solid Films</i> , 2006 , 515, 1847-1850	2.2	17
250	Influence of pH on the Formation of Tyr/LDH Nanohybrids. <i>Journal of Dispersion Science and Technology</i> , 2005 , 26, 429-433	1.5	5
249	Construction of a biomimetic zwitterionic interface for monitoring cell proliferation and apoptosis. <i>Langmuir</i> , 2005 , 21, 8394-9	4	26
248	Single-crystalline Ag ₂ V ₄ O ₁₁ nanobelts: hydrothermal synthesis, field emission, and magnetic properties. <i>Nanotechnology</i> , 2005 , 16, 2892-2896	3.4	42
247	Electrochemical immunoassay of membrane P-glycoprotein by immobilization of cells on gold nanoparticles modified on a methoxysilyl-terminated butyrylchitosan matrix. <i>Biochemistry</i> , 2005 , 44, 11539-45	3.2	74
246	A rapid and sensitive method for the determination of trace proteins based on the interaction between proteins and Ponceau 4R. <i>Talanta</i> , 2005 , 67, 749-54	6.2	24
245	Solid-contact potentiometric sensor for ascorbic acid based on cobalt phthalocyanine nanoparticles as ionophore. <i>Talanta</i> , 2005 , 67, 798-805	6.2	53
244	Multilayer membranes via layer-by-layer deposition of organic polymer protected Prussian blue nanoparticles and glucose oxidase for glucose biosensing. <i>Langmuir</i> , 2005 , 21, 9630-4	4	187

243	One-dimensional BiPO ₄ nanorods and two-dimensional BiOCl lamellae: fast low-temperature sonochemical synthesis, characterization, and growth mechanism. <i>Inorganic Chemistry</i> , 2005 , 44, 8503-9	5.1	176
242	Electrochemically deposited nanocomposite of chitosan and carbon nanotubes for biosensor application. <i>Chemical Communications</i> , 2005 , 2169-71	5.8	202
241	A sensitive biosensor for lactate based on layer-by-layer assembling MnO ₂ nanoparticles and lactate oxidase on ion-sensitive field-effect transistors. <i>Chemical Communications</i> , 2005 , 792-4	5.8	73
240	Synthesis and Characterization of Prussian Blue Modified Magnetite Nanoparticles and Its Application to the Electrocatalytic Reduction of H ₂ O ₂ . <i>Chemistry of Materials</i> , 2005 , 17, 3154-3159	9.6	180
239	Electrogenerated chemiluminescence of CdSe hollow spherical assemblies in aqueous system by immobilization in carbon paste. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 579, 175-180	4.1	35
238	Synergistic effect of zirconium phosphate and Au nanoparticles on direct electron transfer of hemoglobin on glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 585, 44-50	4.1	60
237	Fabricating gold nanoparticle-oxide nanotube composite materials by a self-assembly method. <i>Journal of Colloid and Interface Science</i> , 2005 , 290, 450-4	9.3	26
236	Electrochemically deposited chitosan hydrogel for horseradish peroxidase immobilization through gold nanoparticles self-assembly. <i>Biosensors and Bioelectronics</i> , 2005 , 21, 190-6	11.8	242
235	Electrochemical study of a new methylene blue/silicon oxide nanocomposition mediator and its application for stable biosensor of hydrogen peroxide. <i>Biosensors and Bioelectronics</i> , 2005 , 21, 372-7	11.8	114
234	Direct electrochemistry and electrocatalysis of heme proteins immobilized on gold nanoparticles stabilized by chitosan. <i>Analytical Biochemistry</i> , 2005 , 342, 280-6	3.1	239
233	Fabrication of poly(dimethylsiloxane) microfluidic system based on masters directly printed with an office laser printer. <i>Journal of Chromatography A</i> , 2005 , 1089, 270-5	4.5	64
232	Separation of caffeine and theophylline in poly(dimethylsiloxane) microchannel electrophoresis with electrochemical detection. <i>Journal of Chromatography A</i> , 2005 , 1098, 172-6	4.5	45
231	Simple method for the separation and detection of native amino acids and the identification of electroactive and non-electroactive analytes. <i>Journal of Chromatography A</i> , 2005 , 1095, 193-6	4.5	24
230	Electroosmotic flow in poly(dimethylsiloxane) microchannels. <i>Journal of Chromatography A</i> , 2005 , 1099, 203-6	4.5	14
229	Direct electrochemistry and electrocatalysis of heme proteins immobilized on self-assembled ZrO ₂ film. <i>Electrochemistry Communications</i> , 2005 , 7, 724-729	5.1	120
228	Electrochemical synthesis of selenium nanotubes by using CTAB soft-template. <i>Electrochimica Acta</i> , 2005 , 50, 4365-4370	6.7	27
227	Determination of Binding Constants for Basic Drugs with Serum Albumin by Affinity Capillary Electrophoresis with the Partial Filling Technique. <i>Chromatographia</i> , 2005 , 61, 419-422	2.1	12
226	Photochemical synthesis of Bi ₂ Se ₃ nanosphere and nanorods. <i>Materials Letters</i> , 2005 , 59, 319-321	3.3	33

225	New layered double hydroxides containing intercalated Au particles: Synthesis and characterization. <i>Materials Letters</i> , 2005 , 59, 2090-2093	3.3	12
224	Mesoporous Materials Promoting Direct Electrochemistry and Electrocatalysis of Horseradish Peroxidase. <i>Electroanalysis</i> , 2005 , 17, 862-868	3	52
223	Electrogenerated Chemiluminescence of Tris(2,2'-bipyridyl)ruthenium(II) Immobilized in Humic Acid-Silica-Poly(vinyl alcohol) Composite Films. <i>Electroanalysis</i> , 2005 , 17, 1517-1522	3	18
222	Tris(2,2'-bipyridyl)ruthenium(II)-zirconia-Nafion composite films applied as solid-state electrochemiluminescence detector for capillary electrophoresis. <i>Electrophoresis</i> , 2005 , 26, 1737-44	3.6	55
221	In-channel indirect amperometric detection of nonelectroactive anions for electrophoresis on a poly(dimethylsiloxane) microchip. <i>Electrophoresis</i> , 2005 , 26, 3615-21	3.6	17
220	Influence of Molar Ratio of Zn/Al/Tyr on the Formation of Tyr/Zn-Al-LDH Nanohybrids. <i>Chinese Journal of Chemistry</i> , 2005 , 23, 1343-1347	4.9	3
219	A novel glucose biosensor based on the nanoscaled cobalt phthalocyanine-glucose oxidase biocomposite. <i>Biosensors and Bioelectronics</i> , 2005 , 20, 1388-96	11.8	113
218	Double-template synthesis of CdS nanotubes with strong electrogenerated chemiluminescence. <i>Small</i> , 2005 , 1, 802-5	11	64
217	Extended-range glucose biosensor via layer-by-layer assembly incorporating gold nanoparticles. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 1060-9	2.8	28
216	Analytical aspects of fet-based biosensors. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 420-30	2.8	37
215	Reagentless electrochemical biosensor based on the multi-wall carbon nanotubes and nanogold particles composite film. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 521-9	2.8	9
214	Photochemical synthesis of CdSe and PbSe nanowire arrays on a porous aluminum oxide template. <i>Scripta Materialia</i> , 2004 , 50, 1169-1173	5.6	28
213	Heterostructured Bi ₂ Se ₃ nanowires with periodic phase boundaries. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16276-7	16.4	73
212	A Novel Method for Separating the Anodic Voltammetric Peaks of Dopamine and Ascorbic Acid. <i>Mikrochimica Acta</i> , 2004 , 146, 223-227	5.8	24
211	Determination of Trace Proteins by Rayleigh Light Scattering Technique with Indophenol Blue. <i>Mikrochimica Acta</i> , 2004 , 148, 99	5.8	4
210	Sonochemical synthesis of taper shaped HgSe nanorods in polyol solvent. <i>Journal of Crystal Growth</i> , 2004 , 260, 527-531	1.6	21
209	A glucose biosensor based on chitosan-glucose oxidase-gold nanoparticles biocomposite formed by one-step electrodeposition. <i>Analytical Biochemistry</i> , 2004 , 334, 284-9	3.1	340
208	A novel glucose ENFET based on the special reactivity of MnO ₂ nanoparticles. <i>Biosensors and Bioelectronics</i> , 2004 , 19, 1295-300	11.8	167

207	An in situ Template Route for Fabricating Metal Chalcogenide Hollow Spherical Assemblies Sonochemically. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 4653-4659	2.3	20
206	Microwave-Induced Polyol-Process Synthesis of Copper and Copper Oxide Nanocrystals with Controllable Morphology. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 4072-4080	2.3	161
205	Separation of proteins on surface-modified poly(dimethylsiloxane) microfluidic devices. <i>Electrophoresis</i> , 2004 , 25, 3024-31	3.6	55
204	The immobilization of hepatocytes on 24 nm-sized gold colloid for enhanced hepatocytes proliferation. <i>Biomaterials</i> , 2004 , 25, 3445-51	15.6	44
203	The study of redox mechanism of dobutamine at different pH media by electrochemical and in situ spectroelectrochemical methods. <i>Electrochimica Acta</i> , 2004 , 49, 3121-3127	6.7	5
202	Glucose biosensor based on ENFET doped with SiO ₂ nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2004 , 97, 249-255	8.5	94
201	Photochemical synthesis and characterization of Bi ₂ S ₃ nanofibers. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2004 , 110, 307-313	3.1	33
200	Size-controllable sonochemical synthesis of thermoelectric material of Bi ₂ Se ₃ nanocrystals. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 319-321	3.1	28
199	Preparation of porous spherical CuI nanoparticles. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 628-630	3.1	28
198	Photochemical synthesis of Bi ₂ S ₃ nanoflowers on an alumina template. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 847-850	3.1	17
197	Electrochemical detector for microchip electrophoresis of poly(dimethylsiloxane) with a three-dimensional adjustor. <i>Journal of Chromatography A</i> , 2004 , 1041, 245-8	4.5	31
196	Improvement of heat dissipation for polydimethylsiloxane microchip electrophoresis. <i>Journal of Chromatography A</i> , 2004 , 1057, 247-51	4.5	20
195	Analysis of conformational change of human serum albumin using chiral capillary electrophoresis. <i>Journal of Chromatography A</i> , 2004 , 1055, 209-14	4.5	12
194	Protein analysis with tetra-substituted sulfonated cobalt phthalocyanine by the technique of Rayleigh light scattering. <i>Analytical Biochemistry</i> , 2004 , 330, 37-42	3.1	25
193	Ascorbic acid sensor based on ion-sensitive field-effect transistor modified with MnO ₂ nanoparticles. <i>Analytica Chimica Acta</i> , 2004 , 512, 57-61	6.6	58
192	Interfacing cytochrome c to Au electrodes with humic acid film. <i>Electrochemistry Communications</i> , 2004 , 6, 278-283	5.1	24
191	Application of MnO ₂ nanoparticles as an eliminator of ascorbate interference to amperometric glucose biosensors. <i>Electrochemistry Communications</i> , 2004 , 6, 1169-1173	5.1	88
190	A reversible adsorption-desorption interface of DNA based on nano-sized zirconia and its application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004 , 36, 155-9	6	37

189	Direct electron transfer and enzymatic activity of hemoglobin in a hexagonal mesoporous silica matrix. <i>Biosensors and Bioelectronics</i> , 2004 , 19, 861-7	11.8	242
188	Immobilization of hemoglobin on zirconium dioxide nanoparticles for preparation of a novel hydrogen peroxide biosensor. <i>Biosensors and Bioelectronics</i> , 2004 , 19, 963-9	11.8	213
187	Electrochemical detection method for nonelectroactive and electroactive analytes in microchip electrophoresis. <i>Analytical Chemistry</i> , 2004 , 76, 6902-7	7.8	67
186	Multilayer assembly of Prussian blue nanoclusters and enzyme-immobilized poly(toluidine blue) films and its application in glucose biosensor construction. <i>Langmuir</i> , 2004 , 20, 7303-7	4	109
185	Mesoporous spherical aggregates of anatase nanocrystals with wormhole-like framework structures: their chemical fabrication, characterization, and photocatalytic performance. <i>Langmuir</i> , 2004 , 20, 11738-47	4	50
184	Ultrasonic-assisted synthesis of monodisperse single-crystalline silver nanoplates and gold nanorings. <i>Inorganic Chemistry</i> , 2004 , 43, 5877-83	5.1	233
183	Synthesis of selenium nanoparticles in the presence of polysaccharides. <i>Materials Letters</i> , 2004 , 58, 2590-2594	3.9	138
182	CTAB-controlled Synthesis of One-dimensional Selenium Nanostructures. <i>Chemistry Letters</i> , 2004 , 33, 1054-1055	1.7	18
181	Direct Electrochemical Fabrication of Metallic Nanopillar Array on Au Electrode Surface by the Template Technique. <i>Chemistry Letters</i> , 2004 , 33, 982-983	1.7	6
180	Enantiomeric separation of basic drugs with partially filled serum albumin as chiral selector in capillary electrophoresis. <i>Analytical Sciences</i> , 2004 , 20, 1409-13	1.7	10
179	The Self-assembly, Characterization of Hepatocytes on Nano-sized Gold Colloid and Construction of Cellular Biosensor. <i>Chemistry Letters</i> , 2003 , 32, 934-935	1.7	23
178	Fabrication of Nanoelectrode Ensembles of Porous Gold Nanoshells and Direct Electrochemistry of Horseradish Peroxidase Immobilized on the Electrode. <i>Chemistry Letters</i> , 2003 , 32, 1054-1055	1.7	12
177	Potentiodynamic deposition of Prussian blue from a solution containing single component of ferricyanide and its mechanism investigation. <i>Journal of Solid State Electrochemistry</i> , 2003 , 7, 561-566	2.6	41
176	An Amperometric Biosensor Based on the Coimmobilization of Horseradish Peroxidase and Methylene Blue on a Carbon Nanotubes Modified Electrode. <i>Electroanalysis</i> , 2003 , 15, 219-224	3	188
175	Partial filling technique in capillary electrophoresis for the separation of phenolic isomers with sulfonatocalix[4]arene as a selector. <i>Electrophoresis</i> , 2003 , 24, 4254-63	3.6	12
174	Amperometric hydrogen peroxide biosensor with sol-gel/chitosan network-like film as immobilization matrix. <i>Biosensors and Bioelectronics</i> , 2003 , 18, 335-43	11.8	190
173	Photochemical preparation of rectangular PbSe and CdSe nanoparticles. <i>Journal of Crystal Growth</i> , 2003 , 252, 587-592	1.6	51
172	Controllable synthesis of nanocrystalline gold assembled whiskery structures via sonochemical route. <i>Journal of Crystal Growth</i> , 2003 , 257, 378-383	1.6	36

171	Photochemical synthesis of Au and Ag nanowires on a porous aluminum oxide template. <i>Journal of Crystal Growth</i> , 2003 , 258, 176-180	1.6	58
170	Nano-Sized Copper Oxide Modified Carbon Paste Electrodes as an Amperometric Sensor for Amikacin. <i>Analytical Letters</i> , 2003 , 36, 2723-2733	2.2	33
169	Novel Microwave-Assisted Solution-Phase Approach to Radial Arrays Composed of Prismatic Antimony Trisulfide Whiskers. <i>Langmuir</i> , 2003 , 19, 10993-10996	4	14
168	Sonochemical fabrication and characterization of stibnite nanorods. <i>Inorganic Chemistry</i> , 2003 , 42, 6404-6411	3.1	113
167	An Electrochemical Immunosensor for Assays of C-Reactive Protein. <i>Analytical Letters</i> , 2003 , 36, 1547-1556	15.6	20
166	Controllable synthesis of palladium nanoparticles via a simple sonoelectrochemical method. <i>Journal of Materials Research</i> , 2003 , 18, 1399-1404	2.5	40
165	Electrochemical Studies on a Zirconium Hexacyanoferrate Modified Electrode and Utility for the Determination of Rubidium. <i>Electroanalysis</i> , 2002 , 14, 116-121	3	14
164	Electrochemically Induced DNA Cleavage by Copper-Phenanthroline Complex. <i>Electroanalysis</i> , 2002 , 14, 747	3	8
163	A dynamically modified microfluidic poly(dimethylsiloxane) chip with electrochemical detection for biological analysis. <i>Electrophoresis</i> , 2002 , 23, 3558-66	3.6	91
162	Adsorptive Stripping Voltammetric Detection of Single-Stranded DNA at Electrochemically Modified Glassy Carbon Electrode. <i>Electroanalysis</i> , 2002 , 14, 1615-1620	3	17
161	Reagentless chemiluminescence biosensor for determination of hydrogen peroxide based on the immobilization of horseradish peroxidase on biocompatible chitosan membrane. <i>Sensors and Actuators B: Chemical</i> , 2002 , 81, 334-339	8.5	62
160	A nano-molar sensitive disposable biosensor for determination of dopamine. <i>Biosensors and Bioelectronics</i> , 2002 , 17, 19-24	11.8	25
159	Electrochemical behavior of nanosized Prussian blue self-assembled on Au electrode surface. <i>Electrochemistry Communications</i> , 2002 , 4, 421-425	5.1	61
158	Interfacing cytochrome c to electrodes with a DNA/carbon nanotube composite film. <i>Electrochemistry Communications</i> , 2002 , 4, 506-509	5.1	149
157	Highly sensitive sensors based on the immobilization of tyrosinase in chitosan. <i>Bioelectrochemistry</i> , 2002 , 57, 33-8	5.6	112
156	ZrO ₂ gel-derived DNA-modified electrode and the effect of lanthanide on its electron transfer behavior. <i>Bioelectrochemistry</i> , 2002 , 57, 149-54	5.6	51
155	Simultaneous determination of guanine and adenine in DNA using an electrochemically pretreated glassy carbon electrode. <i>Analytica Chimica Acta</i> , 2002 , 461, 243-250	6.6	142
154	Development of integrated chemiluminescence flow sensor for the determination of adrenaline and isoprenaline. <i>Analytica Chimica Acta</i> , 2002 , 463, 257-263	6.6	48

153	Glucose biosensors prepared by electropolymerization of p-chlorophenylamine with and without Nafion. <i>Analytica Chimica Acta</i> , 2002 , 463, 239-247	6.6	42
152	Sonochemical synthesis of copper selenides nanocrystals with different phases. <i>Journal of Crystal Growth</i> , 2002 , 234, 263-266	1.6	45
151	Preparation of CuO nanoparticles by microwave irradiation. <i>Journal of Crystal Growth</i> , 2002 , 244, 88-94	1.6	437
150	Electrooxidative coupling of a toluidine blue O terminated self-assembled monolayer studied by electrochemistry and surface enhanced Raman spectroscopy. <i>Journal of Electroanalytical Chemistry</i> , 2002 , 518, 123-130	4.1	22
149	Spectroscopic and voltammetric studies on a lanthanum hexacyanoferrate modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2002 , 528, 190-195	4.1	50
148	Influence of several factors on potential-modulated DNA cleavage by the Cu(en) ₂ ²⁺ and Cu(EDTA) ₂ ⁴⁻ complexes. <i>Journal of Electroanalytical Chemistry</i> , 2002 , 530, 68-74	4.1	5
147	AMPEROMETRIC NITRIC OXIDE BIOSENSOR BASED ON THE IMMOBILIZATION OF HEMOGLOBIN ON A NANOMETER-SIZED GOLD COLLOID MODIFIED AU ELECTRODE. <i>Analytical Letters</i> , 2002 , 35, 647-661	2.2	21
146	Flow injection chemiluminescence determination of amino acids by oxidation with N-bromosuccinimide. <i>Analytical Sciences</i> , 2002 , 18, 693-6	1.7	14
145	Sonochemical Synthesis of Antimony Trisulfide Nanowhiskers. <i>Chemistry Letters</i> , 2002 , 31, 1242-1243	1.7	16
144	Preparation of nanocrystalline ceria particles by sonochemical and microwave assisted heating methods. <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 3794-3799	3.6	157
143	Sonochemical Method for the Preparation of Bismuth Sulfide Nanorods. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 3848-3854	3.4	188
142	Sonochemical Method for the Preparation of Monodisperse Spherical and Rectangular Lead Selenide Nanoparticles. <i>Langmuir</i> , 2002 , 18, 3306-3310	4	81
141	Rapid synthesis of nanocrystalline SnO ₂ powders by microwave heating method. <i>Materials Letters</i> , 2002 , 53, 12-19	3.3	92
140	A NOVEL BIOSENSOR OF DNA IMMOBILIZATION ON NANO-GOLD MODIFIED ITO FOR THE DETERMINATION OF MIFEPRISTONE. <i>Analytical Letters</i> , 2001 , 34, 503-512	2.2	20
139	A stable glucose biosensor prepared by co-immobilizing glucose oxidase into poly(p-chlorophenol) at a platinum electrode. <i>Fresenius Journal of Analytical Chemistry</i> , 2001 , 369, 486-90		12
138	Microwave synthesis of nanocrystalline metal sulfides in formaldehyde solution. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2001 , 85, 85-89	3.1	95
137	A novel DNA-modified indium tin oxide electrode. <i>Electrochemistry Communications</i> , 2001 , 3, 665-669	5.1	39
136	The fabrication and optimization of the disposable amperometric biosensor. <i>Sensors and Actuators B: Chemical</i> , 2001 , 80, 101-105	8.5	12

135	Studies of a disposable biosensor based on the beta-cyclodextrin inclusion complex as mediator. <i>Analytical Biochemistry</i> , 2001 , 299, 71-7	3.1	16
134	Modeling and optimization of the chiral selectivity of basic analytes in chiral capillary electrophoresis with negatively charged cyclodextrins using electrochemical detection. <i>Electrophoresis</i> , 2001 , 22, 2025-31	3.6	15
133	Voltammetric Behavior and Detection of DNA at Electrochemically Pretreated Glassy Carbon Electrode. <i>Electroanalysis</i> , 2001 , 13, 1105-1109	3	86
132	Studies on the Development of Microelectrodes and Miniaturized Biosensors with A Novel Material: Petroleum Pitch-Based Carbon Fiber. <i>Electroanalysis</i> , 2001 , 13, 1394-1398	3	2
131	Studies of spectroscopy and cyclic voltammetry on a zirconium hexacyanoferrate modified electrode. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 502, 197-203	4.1	24
130	Direct electron transfer and characterization of hemoglobin immobilized on a Au colloid cysteamine-modified gold electrode. <i>Journal of Electroanalytical Chemistry</i> , 2001 , 516, 119-126	4.1	345
129	Applications of a copper microparticle-modified carbon fiber microdisk array electrode for the simultaneous determination of aminoglycoside antibiotics by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2001 , 905, 309-18	4.5	51
128	Study of a novel cationic calix[4]arene used a selectivity modifier in capillary electrophoresis with electrochemical detection. <i>Journal of Chromatography A</i> , 2001 , 910, 311-8	4.5	38
127	Preparation of monodispersed nanocrystalline CeO ₂ powders by microwave irradiation. <i>Chemical Communications</i> , 2001 , 937-938	5.8	141
126	Photochemical synthesis and characterization of PbSe nanoparticles. <i>Materials Research Bulletin</i> , 2001 , 36, 1169-1176	5.1	60
125	Electrochemical preparation of silver dendrites in the presence of DNA. <i>Materials Research Bulletin</i> , 2001 , 36, 1687-1692	5.1	58
124	Preparation of Bi ₂ S ₃ nanorods by microwave irradiation. <i>Materials Research Bulletin</i> , 2001 , 36, 2339-2346	5.1	117
123	ELECTROCHEMICAL BEHAVIOR AND SIMULTANEOUS DETERMINATION OF VITAMIN B ₂ , B ₆ , AND C AT ELECTROCHEMICALLY PRETREATED GLASSY CARBON ELECTRODE. <i>Analytical Letters</i> , 2001 , 34, 2361-2374	2.2	58
122	Preparation of silver nanorods by electrochemical methods. <i>Materials Letters</i> , 2001 , 49, 91-95	3.3	103
121	Synthesis of amorphous Fe ₂ O ₃ nanoparticles by microwave irradiation. <i>Materials Letters</i> , 2001 , 50, 341-346	3.5	78
120	DNA MODIFIED CARBON PASTE ELECTRODE FOR THE DETECTION OF 6-MERCAPTOPYRIMIDINE. <i>Analytical Letters</i> , 2001 , 34, 329-337	2.2	9
119	Chemiluminescence Studies of the Oxidation of Ascorbic Acid with Copper(II) Catalyzed by Halide Anions and Its Application to the Determination of Halide Anions and Ascorbic Acid.. <i>Analytical Sciences</i> , 2000 , 16, 1317-1321	1.7	7
118	Amperometric glucose sensor based on coimmobilization of glucose oxidase and Poly(p-phenylenediamine) at a platinum microdisk electrode. <i>Analytical Biochemistry</i> , 2000 , 280, 221-6	3.1	69

117	Simultaneous determination of polycarboxylic acids by capillary electrophoresis with a copper electrode. <i>Journal of Chromatography A</i> , 2000 , 867, 261-9	4.5	19
116	Separation and determination of di- and tricarboxylic acids in fruits by capillary zone electrophoresis with amperometric detection. <i>Analytica Chimica Acta</i> , 2000 , 415, 75-81	6.6	16
115	Studies of poly(luminol) modified electrode and its application in electrochemiluminescence analysis with flow system. <i>Analytica Chimica Acta</i> , 2000 , 419, 25-31	6.6	53
114	Studies of micelle and trace non-polar organic solvent on a new chemiluminescence system and its application to flow injection analysis. <i>Analytica Chimica Acta</i> , 2000 , 409, 75-81	6.6	33
113	Amperometric glucose sensor based on glucose oxidase immobilized in electrochemically generated poly(ethacridine). <i>Analytica Chimica Acta</i> , 2000 , 423, 101-106	6.6	53
112	Voltammetric determination of mifepristone at a DNA-modified carbon paste electrode. <i>Fresenius Journal of Analytical Chemistry</i> , 2000 , 368, 832-5		5
111	A Sensitive Photoinduced Chemiluminescence Method for the Determination of Riboflavin with Flow Injection Analysis. <i>Analytical Letters</i> , 2000 , 33, 3285-3302	2.2	10
110	Determination of Hydrazine Compounds by Capillary Electrophoresis with a Poly(Glutamic Acid) Modified Microdisk Carbon Fiber Electrode. <i>Analytical Letters</i> , 2000 , 33, 3343-3353	2.2	18
109	Electrochemical Characteristics of Nickel Hexacyanoferrate Monolayer Anchoring to Bi-(2-aminoethyl)-aminodithiocarboxyl Acid Self-assembled Film Modified Electrode. <i>Analytical Sciences</i> , 2000 , 16, 231-234	1.7	21
108	Voltammetric Enzyme-Linked Immunoassay for Trace β -fetoprotein in Human Serum using O-, M- and P-Aminophenol as Substrates. <i>Analytical Letters</i> , 1999 , 32, 1761-1773	2.2	6
107	Integration analysis of the cyclic voltammograms of the electrode reaction in a diffusionless system. <i>Journal of Electroanalytical Chemistry</i> , 1999 , 465, 219-224	4.1	3
106	Adsorption characteristics of Fe(CN) ₆ ³⁻ /Au colloids as monolayer films on cysteamine-modified gold electrode. <i>Journal of Electroanalytical Chemistry</i> , 1999 , 466, 26-30	4.1	51
105	Spectroscopic studies of the interactive model of methylene blue with DNA by means of β -cyclodextrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1999 , 55, 1109-1117	4.4	44
104	Determination of coenzyme Q10 by in situ EPR spectroelectrochemistry. <i>Electrochemistry Communications</i> , 1999 , 1, 194-196	5.1	17
103	Evidence for hemin inducing the cleavage of peroxide bond of artemisinin (Qinghaosu): cyclic voltammetry and in situ FT IR spectroelectrochemical studies on the reduction mechanism of artemisinin in the presence of hemin. <i>Electrochimica Acta</i> , 1999 , 44, 2345-2350	6.7	23
102	Amperometric determination of epinephrine with an osmium complex and Nafion double-layer membrane modified electrode. <i>Analytica Chimica Acta</i> , 1999 , 378, 151-157	6.6	108
101	Study of biomolecules by combining electrochemistry with UV/Vis, IR and surface enhanced Raman scattering spectroscopy by a novel flow microcell. <i>Analytica Chimica Acta</i> , 1999 , 382, 171-177	6.6	17
100	Speciation of antimony(III) and antimony(V) using hydride generation inductively coupled plasma atomic emission spectrometry combined with the rate of pre-reduction of antimony. <i>Analytica Chimica Acta</i> , 1999 , 386, 297-304	6.6	43

99	Hydrogen peroxide sensor based on horseradish peroxidase-labeled Au colloids immobilized on gold electrode surface by cysteamine monolayer. <i>Analytica Chimica Acta</i> , 1999 , 391, 73-82	6.6	349
98	Voltammetric studies of the interaction of methylene blue with DNA by means of β -cyclodextrin. <i>Analytica Chimica Acta</i> , 1999 , 394, 337-344	6.6	101
97	An improved ELISA for the determination of tobacco mosaic virus with linear sweep voltammetry detection based on a new system of PAP-H ₂ O ₂ -HRP. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 364, 758-762		2
96	Enzyme-catalyzed reaction of voltammetric enzyme-linked immunoassay system based on OAP as substrate. <i>Science in China Series B: Chemistry</i> , 1999 , 42, 195-203		5
95	Enzyme-Linked Immunoassay of β -Fetoprotein in Serum by Differential Pulse Voltammetry. <i>Electroanalysis</i> , 1999 , 11, 124-128	3	53
94	Investigation of Voltammetric Enzyme-Linked Immunoassay Based on a New System of OAP-H ₂ O ₂ -HRP. <i>Electroanalysis</i> , 1999 , 11, 511-516	3	8
93	Electrocatalytical Oxidation and Determination of Dopamine at Redox Polymer/Nafion Modified Electrodes. <i>Analytical Letters</i> , 1999 , 32, 2951-2964	2.2	22
92	Decomposition mechanism of an artemisinin-type compound via hemin-electrocatalysis. <i>Talanta</i> , 1999 , 48, 143-50	6.2	11
91	Detection of ferritin in human serum with a MAP-H(2)O(2)-HRP voltammetric enzyme-linked immunoassay system. <i>Talanta</i> , 1999 , 50, 95-101	6.2	18
90	Flow-Injection Spectrophotometric Determination of Mercury(II) in Water by the Catalytic Decomposition of Ferrocyanide.. <i>Analytical Sciences</i> , 1999 , 15, 915-918	1.7	17
89	Electrochemical Behavior of Myoglobin at a Thiazazole Modified Silver Electrode. <i>Analytical Letters</i> , 1999 , 32, 855-864	2.2	3
88	Off-line separation and determination of inorganic arsenic species in natural water by high resolution inductively coupled plasma mass spectrometry with hydride generation combined with reaction of arsenic(V) and L-cysteine. <i>Analytica Chimica Acta</i> , 1998 , 375, 167-175	6.6	34
87	Electrochemical polymerization of toluidine blue and its application for the amperometric determination of β -D-glucose. <i>Electrochimica Acta</i> , 1998 , 43, 1803-1809	6.7	67
86	Synthesis and spectroscopic studies of dinuclear copper(II) complexes with new pendant-armed macrocyclic ligands. <i>Transition Metal Chemistry</i> , 1998 , 23, 371-373	2.1	32
85	Amperometric Biosensor for Glucose Based on a Nanometer-Sized Microband Gold Electrode Coimmobilized with Glucose Oxidase and Poly(o-phenylenediamide). <i>Electroanalysis</i> , 1998 , 10, 541-545	3	59
84	The Preparation and Characterization of the Mo-S-Ag Modified Electrode and Its Electrocatalytic Effect on the Oxidation of Ascorbic Acid. <i>Electroanalysis</i> , 1998 , 10, 579-582	3	7
83	A Reagentless Hydrogen Peroxide Biosensor Based on the Coimmobilization of Thionine and Horseradish Peroxidase by Their Cross-Linking with Glutaraldehyde on Glassy Carbon Electrode. <i>Electroanalysis</i> , 1998 , 10, 713-716	3	48
82	Electrochemical Behavior and Its Electrocatalytic Activity of Chemically Modified Electrode with Au-Mo Heteropoly Anion Film. <i>Electroanalysis</i> , 1998 , 10, 985-987	3	1

81	Preconcentration and voltammetric determination of trace myoglobin at a 6-mercaptopurine modified silver electrode. <i>Fresenius Journal of Analytical Chemistry</i> , 1998 , 360, 614-617		2
80	Sequential determination of tin, arsenic, bismuth and antimony in marine sediment material by inductively coupled plasma atomic emission spectrometry using a small concentric hydride generator and L-cysteine as prereductant. <i>Fresenius Journal of Analytical Chemistry</i> , 1998 , 361, 155-157		15
79	The surface-enhanced Raman spectroelectrochemical study on the interaction between β -cyclodextrin and the electrochemically generated radical intermediate of flavin. <i>Journal of Electroanalytical Chemistry</i> , 1998 , 451, 187-192	4.1	14
78	Artesunate interaction with hemin. <i>Bioelectrochemistry</i> , 1998 , 44, 295-300		12
77	The electrochemical copolymerization of 3,4-dihydroxybenzoic acid and aniline at microdisk gold electrode and its amperometric determination for ascorbic acid. <i>Talanta</i> , 1998 , 45, 851-6	6.2	58
76	Amperometric glucose enzyme electrode by immobilizing glucose oxidase in multilayers on self-assembled monolayers surface. <i>Talanta</i> , 1998 , 47, 561-7	6.2	39
75	[Os(bpy) ₂ (PVP)10Cl]Cl polymer and Nafion dual-film modified graphite electrode for the amperometric determination of trace amounts of norepinephrine. <i>Analyst, The</i> , 1998 , 123, 2895-8	5	15
74	The Molecular Recognition Characteristics of β -Mercapto Methoxy Poly(Ethylene Glycol) Self-Assembled Monolayers at a Gold Electrode and Its Application for Detection of Dopamine in Serum. <i>Analytical Letters</i> , 1998 , 31, 765-775	2.2	4
73	Study of Interaction of Berberine With Dna in the Presence of β -Cyclodextrin. <i>Spectroscopy Letters</i> , 1998 , 31, 1705-1718	1.1	10
72	A Reagentless Hydrogen Peroxide Biosensor Based on the Coimmobilization of Thionine and Horseradish Peroxidase by Their Cross-Linking with Glutaraldehyde on Glassy Carbon Electrode 1998 , 10, 713		1
71	An Amperometric Enzyme Electrode for Glucose Using Immobilized Glucose Oxidase in a Ferrocene Attached Poly(4-vinylpyridine) Multilayer Film. <i>Analytical Letters</i> , 1997 , 30, 1631-1641	2.2	24
70	Electrocatalytic Reduction and Determination of Nitric Oxide at a Hemoglobin Modified Electrode. <i>Analytical Letters</i> , 1997 , 30, 1013-1023	2.2	20
69	Electrochemical Determination of Dopamine in the Presence of High Concentrations of Ascorbic Acid at a Poly(Indole-3-acetic Acid) Coated Electrode. <i>Analytical Letters</i> , 1997 , 30, 1643-1652	2.2	20
68	Captopril Modified Silver Electrode and Its Application to the Electroanalysis of Hemoglobin. <i>Analytical Letters</i> , 1997 , 30, 1097-1107	2.2	2
67	Electrocatalytic Oxidation of Hydrazine at the Poly(Glutamic Acid) Chemically Modified Electrode and Its Amperometric Determination. <i>Analytical Letters</i> , 1997 , 30, 599-607	2.2	22
66	Current Response of Cytochrome C Promoted by Dodecyl Benzene Sodium Sulfonate. <i>Analytical Letters</i> , 1997 , 30, 235-244	2.2	4
65	Infrared Reflection Spectroscopy as a Probe of Interaction and Orientation of the Cyclodextrin Complex at the Surface of Silver. <i>Spectroscopy Letters</i> , 1997 , 30, 871-878	1.1	1
64	Catalytic oxidation of uric acid at the polyglycine chemically modified electrode and its trace determination. <i>Analyst, The</i> , 1997 , 122, 839-41	5	25

63	Differential Pulse Voltammetric Determination of Serum Aspartate Amino-Transferase Activity Using Dcip as Redox Mediator at a Gold Micro Electrode. <i>Analytical Letters</i> , 1997 , 30, 1279-1291	2.2	1
62	Differential pulse voltammetric enzyme-linked immunoassay for the determination of Helicobacter pylori specific immunoglobulin G (IgG) antibody. <i>Talanta</i> , 1997 , 44, 823-30	6.2	33
61	Simultaneous determination of purine bases, ribonucleosides and ribonucleotides by capillary electrophoresis-electrochemistry with a copper electrode. <i>Journal of Chromatography A</i> , 1997 , 760, 227-435	4.5	77
60	A miniaturized glucose biosensor based on the coimmobilization of glucose oxidase and ferrocene perchlorate in nafion at a microdisk platinum electrode. <i>Sensors and Actuators B: Chemical</i> , 1997 , 40, 89-94	8.5	26
59	Flow injection analysis of ascorbic acid at a methylene green chemically modified electrode. <i>Fresenius Journal of Analytical Chemistry</i> , 1997 , 357, 84-85		6
58	Semi-automatic determination of tin in marine materials by continuous flow hydride generation inductively coupled plasma atomic emission spectrometry. <i>Fresenius Journal of Analytical Chemistry</i> , 1997 , 357, 822-826		5
57	Electrocatalytic oxidation of dopamine at the polyglycine chemically modified carbon fiber bundle electrode and its voltammetric resolution with uric acid. <i>Fresenius Journal of Analytical Chemistry</i> , 1997 , 358, 863-864		13
56	Development of an amperometric detector for the determination of phenolic compounds. <i>Fresenius Journal of Analytical Chemistry</i> , 1997 , 359, 542-545		5
55	Identification and quantitative determination of uric acid in human urine and plasma by capillary electrophoresis with amperometric detection. <i>Biomedical Applications</i> , 1997 , 694, 461-6		26
54	Electrocatalytic oxidation of NADH with dopamine covalently bound to self-assembled cysteamine monolayers on a gold electrode. <i>Bioelectrochemistry</i> , 1997 , 44, 45-50		42
53	Electrocatalytic oxidation of NADH at a gold electrode modified by thionine covalently bound to self-assembled cysteamine monolayers. <i>Journal of Electroanalytical Chemistry</i> , 1997 , 422, 21-25	4.1	42
52	The electrochemical characteristics of an inorganic monolayer film modified gold electrode and its molecular recognition of alkali metal cation. <i>Journal of Electroanalytical Chemistry</i> , 1997 , 426, 139-143	4.1	26
51	Linear analysis of steady-state E _q , E _{qC} and E _{qC} ? voltammograms. <i>Journal of Electroanalytical Chemistry</i> , 1997 , 432, 171-174	4.1	1
50	Electrochemical regeneration of coenzyme NADH on a histidine modified silver electrode. <i>Journal of Electroanalytical Chemistry</i> , 1997 , 440, 239-242	4.1	28
49	The electrochemical polymerization of redox dye-nile blue for the amperometric determination of hemoglobin. <i>Electroanalysis</i> , 1997 , 9, 399-402	3	21
48	Fabrication of a polyglycine chemically modified electrode and its electrocatalytic oxidation to ascorbic acid. <i>Electroanalysis</i> , 1997 , 9, 788-790	3	26
47	Voltammetric response of myoglobin at a modified silver electrode. <i>Electroanalysis</i> , 1997 , 9, 1030-1032	3	5
46	Ascorbate sensor based on self-doped polyaniline. <i>Electroanalysis</i> , 1997 , 9, 1185-1188	3	50

45	Differential pulse adsorptive anodic stripping voltammetric determination of pipemidic acid in tablets at a carbon fiber microdisk electrode. <i>Electroanalysis</i> , 1997 , 9, 1426-1428	3	5
44	Synthesis and the first structural characterization of a metal complex of rhodamine 6G, R ₂ [CdCl ₄] · EtOH · H ₂ O (R = 9-(2-ethoxy-carbonylphenyl)-3,6-bis(ethylamino)-2,7-dimethylxanthylium). <i>Inorganica Chimica Acta</i> , 1997 , 254, 183-187	2.7	17
43	Electrocatalytic oxidation and determination of ascorbic acid at poly(glutamic acid) chemically modified electrode. <i>Analytica Chimica Acta</i> , 1997 , 344, 181-185	6.6	75
42	Amperometric detection of enzymes in capillary zone electrophoresis based on dynamic modification with surfactants. <i>Analytica Chimica Acta</i> , 1997 , 349, 215-219	6.6	8
41	The kinetics-based electrochemical determination of serum glutamate pyruvate transaminase activity with a gold microelectrode. <i>Analytica Chimica Acta</i> , 1997 , 353, 319-323	6.6	11
40	Wavelet analyses of electroanalytical chemistry responses and an adaptive wavelet filter. <i>Analytica Chimica Acta</i> , 1997 , 346, 319-325	6.6	34
39	Catalytic Oxidation of Ascorbic Acid at a Polyhistidine Modified Electrode and Its Application to the Voltammetric Resolution of Ascorbic Acid and Dopamine. <i>Analytical Letters</i> , 1996 , 29, 2633-2643	2.2	21
38	L-Cysteine Modified Silver Electrode and Its Application to the Study of the Electrochemistry of Hemoglobin. <i>Analytical Letters</i> , 1996 , 29, 1273-1280	2.2	12
37	Determination of traces of hemoglobin by square wave stripping voltammetry at a silver microelectrode. <i>Fresenius Journal of Analytical Chemistry</i> , 1996 , 356, 359-60		9
36	Redox reaction of myoglobin at a benzimidazole-modified silver electrode. <i>Electroanalysis</i> , 1996 , 8, 465-467		4
35	Imidazole modified silver electrode and its application to the investigation of the electrochemistry of cytochrome c. <i>Analytica Chimica Acta</i> , 1996 , 319, 275-276	6.6	22
34	Properties of poly-ε-aminoanthraquinone modified carbon fiber electrode as a basis for hemoglobin biosensors. <i>Analytica Chimica Acta</i> , 1996 , 327, 125-132	6.6	20
33	A new method for the voltammetric response of hemoglobin. <i>Journal of Inorganic Biochemistry</i> , 1996 , 63, 207-14	4.2	7
32	A spectroelectrochemical study of the interaction of riboflavin with β-cyclodextrin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1996 , 52, 599-605	4.4	26
31	Catalytic oxidation of dopamine at a microdisk platinum electrode modified by electrodeposition of nickel hexacyanoferrate and Nafion®. <i>Journal of Electroanalytical Chemistry</i> , 1996 , 408, 219-223	4.1	123
30	Determination of purine bases by capillary zone electrophoresis with wall-jet amperometric detection. <i>Analytica Chimica Acta</i> , 1996 , 335, 95-101	6.6	30
29	Voltammetric Response of Nicotinamide Coenzyme I at a Silver Electrode. <i>Journal of the Electrochemical Society</i> , 1996 , 143, L141-L142	3.9	7
28	Electrochemical Behaviour of Toluidine Blue O Covalently Modified Microcylinder Carbon Fiber Electrode and Amperometric Determination of Hemoglobin in Whole Blood. <i>Analytical Letters</i> , 1996 , 29, 587-599	2.2	12

27	An Improved Elisa for the Determination of Thyroglobulin with Differential Pulse Voltammetry. <i>Analytical Letters</i> , 1996 , 29, 2463-2474	2.2	5
26	Electrochemical Behavior of 6-Mercapto-Purine at Hanging Copper Amalgam Dropping Electrode and Its Trace Determination by Differential Pulse Adsorption Cathodic Stripping Voltammetry. <i>Analytical Letters</i> , 1996 , 29, 2743-2753	2.2	4
25	Investigation of the β -cyclodextrin-quinine inclusion complex in aqueous solution by spectroscopic study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1995 , 51, 333-339	4.4	11
24	Heterogeneous catalytic reaction at a methylene blue/Nafion [®] modified carbon fiber microcylinder electrode. <i>Journal of Electroanalytical Chemistry</i> , 1995 , 380, 283-285	4.1	9
23	Cobalt hexacyanoferrate modified microband gold electrode and its electrocatalytic activity for oxidation of NADH. <i>Journal of Electroanalytical Chemistry</i> , 1995 , 397, 185-190	4.1	75
22	Catalytic Oxidation of NADH at a Methylene-Green Chemically Modified Electrode and Fia Applications. <i>Analytical Letters</i> , 1995 , 28, 1579-1591	2.2	8
21	Determination of Lactate Dehydrogenase by the Electrochemical Oxidation of NADH at a Modified Microband Gold Electrode. <i>Analytical Letters</i> , 1995 , 28, 809-820	2.2	7
20	The electrochemical behavior of methylene blue at a microcylinder carbon fiber electrode. <i>Electroanalysis</i> , 1995 , 7, 1165-1170	3	75
19	Catalytic oxidation of reduced nicotinamide adenine dinucleotide at a microband gold electrode modified with nickel hexacyanoferrate. <i>Analytica Chimica Acta</i> , 1995 , 310, 145-151	6.6	66
18	Conformational Analysis of the Aqueous β -Cyclodextrin/Barbitone Sodium Complex. <i>Spectroscopy Letters</i> , 1994 , 27, 499-502	1.1	4
17	Infrared Studies of the Weak Complex of Thiamine with β -Cyclodextrin in Aqueous Media. <i>Spectroscopy Letters</i> , 1994 , 27, 1129-1134	1.1	5
16	Studies of an inclusion complex of a redox-active barbiturate with β -cyclodextrin. <i>Analytica Chimica Acta</i> , 1994 , 290, 349-355	6.6	19
15	Direct electron transfer reaction of hemoglobin at the bare silver electrode. <i>Journal of Electroanalytical Chemistry</i> , 1994 , 369, 267-269	4.1	30
14	Methylene Blue/Perfluorosulfonated Ionomer Modified Microcylinder Carbon Fiber Electrode and Its Application for the Determination of Hemoglobin. <i>Analytical Chemistry</i> , 1994 , 66, 4538-4542	7.8	68
13	The study of differential pulse adsorptive stripping voltammetry of Co(II)/1-nitroso-2-naphthol chelate. <i>Electroanalysis</i> , 1993 , 5, 619-622	3	6
12	Application of the concept of the reaction layer to the study of multistep-electrode processes at microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 1993 , 346, 471-475	4.1	15
11	Investigation of microelectrodes. <i>Journal of Electroanalytical Chemistry</i> , 1993 , 361, 251-256	4.1	8
10	Alternating current adsorptive stripping voltammetry in a flow system for the determination of ultratrace amounts of folic acid. <i>Analytica Chimica Acta</i> , 1991 , 252, 47-52	6.6	20

9	Study on the determination of trace rhenium (VII) by the adsorption differential pulse polarography. <i>Chinese Journal of Chemistry</i> , 1989 , 7, 412-421		1
8	Highly Efficient Near-Infrared II Electrochemiluminescence from NaYbF ₄ Core Mesoporous Silica Shell Nanoparticles. <i>CCS Chemistry</i> ,1-20	7.2	
7	Photo-stability and photo-damage of SPASER nanoparticles under nanosecond pulsed-laser. <i>Chinese Journal of Chemistry</i> ,	4.9	1
6	Photoelectrochemical Cytosensors. <i>Electroanalysis</i> ,	3	0
5	Wireless Electrochemical-visualization of Intracellular Antigens at Single Cells. <i>CCS Chemistry</i> ,1-15	7.2	
4	A Novel Electrochemiluminescence Janus Emitter for Dual-Mode Biosensing. <i>Advanced Functional Materials</i> ,2200863	15.6	3
3	Bipolar Modulation of the Ionic Circuit for Generic Organic Photoelectrochemical Transistor Logic and Sensor. <i>Advanced Optical Materials</i> ,2102687	8.1	5
2	SPASER as Nanoprobe for Biological Applications: Current State and Opportunities. <i>Laser and Photonics Reviews</i> ,2100622	8.3	0
1	Functional nucleic acid engineered double-barreled nanopores for measuring sodium to potassium ratio at single-cell level. <i>Exploration</i> ,20220025		0