

Jing-Juan Xu

List of Publications by Year in descending order

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341
papers

21,463
citations

7568

77
h-index

14208

128
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344
all docs

344
docs citations

344
times ranked

15402
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoelectrochemical Cytosensors. <i>Electroanalysis</i> , 2022, 34, 947-955.	2.9	5
2	Highly Efficient Near-Infrared II Electrochemiluminescence from NaYbF ₄ Core Mesoporous Silica Shell Nanoparticles. <i>CCS Chemistry</i> , 2022, 4, 3076-3083.	7.8	7
3	Label-Free Electrochemiluminescence Imaging of Single-Cell Adhesions by Using Bipolar Nanoelectrode Array. <i>Chemistry - A European Journal</i> , 2022, 28, e202103964.	3.3	14
4	Visualized uranium rapid monitoring system based on self-enhanced electrochemiluminescence-imaging of amidoxime functionalized polymer nanoparticles. <i>Chinese Chemical Letters</i> , 2022, 33, 3456-3460.	9.0	13
5	Organic photoelectrochemical transistor detection of tear lysozyme. <i>Sensors & Diagnostics</i> , 2022, 1, 294-300.	3.8	16
6	Ratiometric fluorescence detection of pathogenic bacteria based on dual-recognition nanoprobe with controllable G-quadruplex release. <i>Chemical Communications</i> , 2022, 58, 447-450.	4.1	17
7	Bipolar Electrode Array for Multiplexed Detection of Prostate Cancer Biomarkers. <i>Analytical Chemistry</i> , 2022, 94, 3005-3012.	6.5	30
8	Transient Plasmonic Imaging of Ion Migration on Single Nanoparticles and Insight for Double Layer Dynamics. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	1
9	Transient Plasmonic Imaging of Ion Migration on Single Nanoparticles and Insight for Double Layer Dynamics. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	7
10	A reversible plasmonic nanoprobe for dynamic imaging of intracellular pH during endocytosis. <i>Chemical Science</i> , 2022, 13, 4893-4901.	7.4	4
11	Single Cell Imaging of Electrochemiluminescence-Driven Photodynamic Therapy. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	5
12	Single Cell Imaging of Electrochemiluminescence-Driven Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	38
13	Ultrasensitive and Label-Free Detection of Multiple DNA Methyltransferases by Asymmetric Nanopore Biosensor. <i>Analytical Chemistry</i> , 2022, 94, 4407-4416.	6.5	14
14	Bipolar Modulation of the Ionic Circuit for Generic Organic Photoelectrochemical Transistor Logic and Sensor. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	20
15	Construction of Nanocarriers Based on Endogenous Cell Membrane and Their Application in Nanomedicine. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1623-1640.	4.9	18
16	SPASER as Nanoprobe for Biological Applications: Current State and Opportunities. <i>Laser and Photonics Reviews</i> , 2022, 16, .	8.7	3
17	Identification of multiple single-nucleotide variants for clinical evaluation of <i>Helicobacter pylori</i> drug resistance. <i>Talanta</i> , 2022, 243, 123367.	5.5	3
18	Self-assembled DNA/RNA nanospheres with cascade signal amplification for intracellular MicroRNA imaging. <i>Sensors and Actuators B: Chemical</i> , 2022, 360, 131644.	7.8	15

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19	Light-Fueled Organic Photoelectrochemical Transistor for Probing Membrane Protein in an H-Cell. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	6
20	Single particle plasmonic and electrochemical dual mode detection of amantadine. <i>Analytica Chimica Acta</i> , 2022, 1209, 339838.	5.4	2
21	Reversible Ratiometric Electrochemiluminescence Biosensor Based on DNAzyme Regulated Resonance Energy Transfer for Myocardial miRNA Detection. <i>Analytical Chemistry</i> , 2022, 94, 7035-7040.	6.5	25
22	Near-Infrared-Driven Plasmon-Enhanced Au@PtAg Cascade Nanozymes for Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2022, 5, 7009-7018.	5.0	10
23	Chemical Measurement and Analysis: from Phenomenon to Essence. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1975-1986.	4.9	12
24	Functional nucleic acid engineered double-barreled nanopores for measuring sodium to potassium ratio at single-cell level. <i>Exploration</i> , 2022, 2, .	11.0	7
25	A plasmonic Au-Ag janus nanoprobe for monitoring endogenous hydrogen sulfide generation in living cells. <i>Biosensors and Bioelectronics</i> , 2022, 213, 114422.	10.1	7
26	Near-infrared photothermally activated DNA nanotweezers for imaging ATP in living cells. <i>Chemical Communications</i> , 2022, 58, 8210-8213.	4.1	2
27	A High Spatiotemporal Iontronic Single-Cell Viscometer. <i>Research</i> , 2022, 2022, .	5.7	7
28	Combined strategies for suppressing nonspecific cationic adduction to G-quadruplexes in electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2022, 1220, 340146.	5.4	2
29	Target-Triggered Assembly in a Nanopipette for Electrochemical Single-Cell Analysis. <i>Analytical Chemistry</i> , 2021, 93, 1200-1208.	6.5	31
30	An Integrated Electrochemical Nanodevice for Intracellular RNA Collection and Detection in Single Living Cell. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13244-13250.	13.8	75
31	Super-resolution plasmonic imaging via scattering saturation STED. <i>Chemical Communications</i> , 2021, 57, 3492-3495.	4.1	4
32	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.	7.4	12
33	An ultra-highly sensitive and selective self-enhanced AIECL sensor for public security early warning in a nuclear emergency via a co-reactive group poisoning mechanism. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12584-12592.	10.3	17
34	Covalent biosensing enables a one-step, reagent-less, low-cost and highly robust assay of SARS-CoV-2. <i>Chemical Communications</i> , 2021, 57, 10771-10774.	4.1	3
35	Dark-Field Imaging of Cation Exchange Synthesis of Cu ₂ S@Au ₂ S@Au Nanoplates toward the Plasmonic Enhanced Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6515-6521.	8.0	7
36	An Integrated Electrochemical Nanodevice for Intracellular RNA Collection and Detection in Single Living Cell. <i>Angewandte Chemie</i> , 2021, 133, 13352-13358.	2.0	17

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37	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.	6.5	44
38	Ultrasensitive Nucleic Acid Assay Based on AIE-Active Polymer Dots with Excellent Electrochemiluminescence Stability. <i>Analytical Chemistry</i> , 2021, 93, 6857-6864.	6.5	46
39	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.	6.5	98
40	Twin Nanopipettes for Real-Time Electrochemical Monitoring of Cytoplasmic Microviscosity at a Single-Cell Level. <i>Analytical Chemistry</i> , 2021, 93, 6831-6838.	6.5	10
41	Photocontrolled Nanopipette Biosensor for ATP Gradient Electroanalysis of Single Living Cells. <i>ACS Sensors</i> , 2021, 6, 1529-1535.	7.8	22
42	Living-DNA Nanogel Appendage Enables <i>In Situ</i> Modulation and Quantification of Regulation Effects on Membrane Proteins. <i>ACS Applied Bio Materials</i> , 2021, 4, 4565-4574.	4.6	2
43	Living-Cell MicroRNA Imaging with Self-Assembling Fragments of Fluorescent Protein-Mimic RNA Aptamer. <i>ACS Sensors</i> , 2021, 6, 2339-2347.	7.8	15
44	A Practical Electrochemical Nanotool for Facile Quantification of Amino Acids in Single Cell. <i>Small</i> , 2021, 17, e2100503.	10.0	25
45	Recent advances in nanotechnology for simultaneous detection of multiple pathogenic bacteria. <i>Nano Today</i> , 2021, 38, 101121.	11.9	80
46	Dark-field microscopic real-time monitoring the growth of Au on Cu ₂ O nanocubes for ultra-sensitive glucose detection. <i>Analytica Chimica Acta</i> , 2021, 1162, 338503.	5.4	18
47	Frontispiz: An Integrated Electrochemical Nanodevice for Intracellular RNA Collection and Detection in Single Living Cell. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
48	Frontispiece: An Integrated Electrochemical Nanodevice for Intracellular RNA Collection and Detection in Single Living Cell. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	1
49	Molecular Engineering of Polymer Dots for Electrochemiluminescence Emission. <i>ACS Applied Nano Materials</i> , 2021, 4, 7244-7252.	5.0	14
50	Dissecting the Flash Chemistry of Electrogenenerated Reactive Intermediates by Microdroplet Fusion Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18494-18498.	13.8	22
51	Dual-Mode Scattering Nanoprobes for Imaging Hydrogen Sulfide in Living Cells. <i>ACS Applied Nano Materials</i> , 2021, 4, 7319-7329.	5.0	11
52	Core-Shell Plasmonic Nanomaterials toward: Dual-Mode Imaging Analysis of Glutathione and Enhanced Chemodynamic Therapy. <i>Analytical Chemistry</i> , 2021, 93, 10317-10325.	6.5	15
53	Dissecting the Flash Chemistry of Electrogenenerated Reactive Intermediates by Microdroplet Fusion Mass Spectrometry. <i>Angewandte Chemie</i> , 2021, 133, 18642-18646.	2.0	6
54	Alkaline Phosphatase-Triggered Etching of Au@FeOOH Nanoparticles for Enzyme Level Assay under Dark-Field Microscopy. <i>Analytical Chemistry</i> , 2021, 93, 10727-10734.	6.5	27

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55	Smart Engineering of a Self-Powered and Integrated Nanocomposite for Intracellular MicroRNA Imaging. <i>CCS Chemistry</i> , 2021, 3, 2063-2073.	7.8	5
56	A Supersmall Single-Cell Nanosensor for Intracellular K ⁺ Detection. <i>CCS Chemistry</i> , 2021, 3, 2359-2367.	7.8	26
57	An Integrated Photoelectrochemical Nanotool for Intracellular Drug Delivery and Evaluation of Treatment Effect. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25762-25765.	13.8	64
58	An ultrasensitive electrochemiluminescence assay for nucleic acid detection based on carboxyl functionalized polymer dots. <i>Journal of Electroanalytical Chemistry</i> , 2021, 900, 115743.	3.8	12
59	An Integrated Photoelectrochemical Nanotool for Intracellular Drug Delivery and Evaluation of Treatment Effect. <i>Angewandte Chemie</i> , 2021, 133, 25966-25969.	2.0	8
60	A plasmon-enhanced theranostic nanoplatform for synergistic chemo-phototherapy of hypoxic tumors in the NIR-II window. <i>Chemical Science</i> , 2021, 12, 10848-10854.	7.4	40
61	Efficient NIR electrochemiluminescent dyes based on ruthenium(II) complexes containing an N-heterocyclic carbene ligand. <i>Chemical Communications</i> , 2021, 57, 1254-1257.	4.1	11
62	Electrogenerated chemiluminescence detection of single entities. <i>Chemical Science</i> , 2021, 12, 5720-5736.	7.4	88
63	Ultrasensitive Nucleic Acid Assay Based on Cyclometalated Iridium(III) Complex with High Electrochemiluminescence Efficiency. <i>Analytical Chemistry</i> , 2021, 93, 1686-1692.	6.5	41
64	Super-Resolution Electrogenerated Chemiluminescence Microscopy for Single-Nanocatalyst Imaging. <i>Journal of the American Chemical Society</i> , 2021, 143, 18511-18518.	13.7	74
65	CRISPR-Cas12a-based efficient electrochemiluminescence biosensor for ATP detection. <i>Analytica Chimica Acta</i> , 2021, 1188, 339180.	5.4	14
66	Dual Recognition DNA Triangular Prism Nanoprobe: Toward the Relationship between K ⁺ and pH in Lysosomes. <i>Analytical Chemistry</i> , 2021, 93, 14892-14899.	6.5	13
67	Three-dimensional CdS nanosheet-enwrapped carbon fiber framework: Towards split-type CuO-mediated photoelectrochemical immunoassay. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111836.	10.1	17
68	Highly Efficient Aggregation-Induced Electrochemiluminescence of Polyfluorene Derivative Nanoparticles Containing Tetraphenylethylene. <i>IScience</i> , 2020, 23, 100774.	4.1	30
69	An aptamer-binding DNA walking machine for sensitive electrochemiluminescence detection of tumor exosomes. <i>Chemical Communications</i> , 2020, 56, 269-272.	4.1	53
70	Recent advances in electrochemiluminescence resonance energy transfer for bioanalysis: Fundamentals and applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115746.	11.4	65
71	Coupling a Wireless Bipolar Ultramicroelectrode with Nano-Electrospray Ionization Mass Spectrometry: Insights into the Ultrafast Initial Step of Electrochemical Reactions. <i>Angewandte Chemie</i> , 2020, 132, 18401-18405.	2.0	16
72	How Gain Layer Design Determines Performance of Nanoparticle-Based Spaser. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16553-16560.	3.1	9

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73	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.	13.8	44
74	ZnAgInS Quantum Dot-Decorated BiOI Heterostructure for Cathodic Photoelectrochemical Bioanalysis of Glucose Oxidase. <i>ACS Applied Nano Materials</i> , 2020, 3, 11489-11496.	5.0	20
75	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.	6.5	12
76	“Loading-type” Plasmonic Nanoparticles for Detection of Peroxynitrite in Living Cells. <i>Analytical Chemistry</i> , 2020, 92, 15647-15654.	6.5	11
77	Fabrication of High-Density and Superuniform Gold Nanoelectrode Arrays for Electrochemical Fluorescence Imaging. <i>Analytical Chemistry</i> , 2020, 92, 13493-13499.	6.5	22
78	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.	6.5	26
79	Self-Supply of H_2O_2 and O_2 by Hydrolyzing CaO_2 to Enhance the Electrochemiluminescence of Luminol Based on a Closed Bipolar Electrode. <i>Analytical Chemistry</i> , 2020, 92, 12693-12699.	6.5	64
80	Improved AIE-Active Probe with High Sensitivity for Accurate Uranyl Ion Monitoring in the Wild Using Portable Electrochemiluminescence System for Environmental Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2000220.	14.9	71
81	Portable Smartphone-Based QDs for the Visual Onsite Monitoring of Fluoroquinolone Antibiotics in Actual Food and Environmental Samples. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 14552-14562.	8.0	115
82	Fabrication of a Biomimetic Nanochannel Logic Platform and Its Applications in the Intelligent Detection of miRNA Related to Liver Cancer. <i>Analytical Chemistry</i> , 2020, 92, 5952-5959.	6.5	48
83	Acid-Switchable DNAzyme Nanodevice for Imaging Multiple Metal Ions in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13005-13012.	8.0	41
84	NIR Remote-Controlled “Lock-Unlock” Nanosystem for Imaging Potassium Ions in Living Cells. <i>Analytical Chemistry</i> , 2020, 92, 4558-4565.	6.5	15
85	Trace Ir(III) complex enhanced electrochemiluminescence of AIE-active Pdots in aqueous media. <i>Science China Chemistry</i> , 2020, 63, 715-721.	8.2	34
86	Tip-Enhanced Infrared Imaging with Sub-10 nm Resolution and Hypersensitivity. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 1697-1701.	4.6	19
87	Observing the structure-dependent electrocatalytic activity of bimetallic Pd-Au nanorods at the single-particle level. <i>Chemical Communications</i> , 2020, 56, 3413-3416.	4.1	24
88	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.	4.1	38
89	Spaser Nanoparticles for Ultranarrow Bandwidth STED Super-Resolution Imaging. <i>Advanced Materials</i> , 2020, 32, 1907233.	21.0	34
90	Abnormal Liquid Chasing Effect in Paper Capillary Enables Versatile Gradient Generation on Microfluidic Paper Analytical Devices. <i>Analytical Chemistry</i> , 2020, 92, 2722-2730.	6.5	4

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91	Gold nanorod-assisted near-infrared light-mediated regulation of membrane ion channels activates apoptotic pathways. <i>Chemical Communications</i> , 2020, 56, 6118-6121.	4.1	15
92	Plasmonic Enhanced Gold Nanoclusters-Based Photoelectrochemical Biosensor for Sensitive Alkaline Phosphatase Activity Analysis. <i>Analytical Chemistry</i> , 2020, 92, 6886-6892.	6.5	53
93	Aggregation-Induced Electrochemiluminescence of Conjugated Pdots Containing a Trace Ir(III) Complex: Insights into Structure–Property Relationships. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54012-54019.	8.0	33
94	CdS Quantum Dots Modified Photoelectrochemical Biosensor for TATA-Binding Protein Probing. <i>Methods in Molecular Biology</i> , 2020, 2135, 237-247.	0.9	2
95	Recent Advances in Electrochemical Sensor and Biosensors for Environmental Contaminants. <i>Nanotechnology in the Life Sciences</i> , 2020, , 1-31.	0.6	1
96	In situ imaging and interfering Dicer-mediated cleavage process via a versatile molecular beacon probe. <i>Analytica Chimica Acta</i> , 2019, 1079, 146-152.	5.4	5
97	Electrochemical synthesis of Au@semiconductor core–shell nanocrystals guided by single particle plasmonic imaging. <i>Chemical Science</i> , 2019, 10, 9308-9314.	7.4	36
98	Bidirectional Electrochemiluminescent Sensing: An Application in Detecting miRNA-141. <i>Analytical Chemistry</i> , 2019, 91, 12000-12005.	6.5	46
99	Recent Advances in Aggregation–Induced Electrochemiluminescence. <i>Chemistry - A European Journal</i> , 2019, 25, 12671-12683.	3.3	80
100	Metallic Inverse Opals: An Electrochemiluminescence enhanced Substrate for Sensitive Bioanalysis. <i>Analytical Chemistry</i> , 2019, 91, 14757-14764.	6.5	24
101	Ultrasensitive Detection of MicroRNA via a Au@Ag Nanosnowman. <i>Analytical Chemistry</i> , 2019, 91, 15988-15992.	6.5	34
102	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.	6.5	7
103	An Efficient Electrochemiluminescence Enhancement Strategy on Bipolar Electrode for Bioanalysis. <i>Analytical Chemistry</i> , 2019, 91, 12553-12559.	6.5	45
104	An improvement in scanning electrochemical microscopy based on a plasmon-accelerated electrochemical reaction. <i>Chemical Communications</i> , 2019, 55, 11275-11278.	4.1	2
105	Imaging Chladni Figure of Plasmonic Charge Density Wave in Real Space. <i>ACS Photonics</i> , 2019, 6, 2685-2693.	6.6	6
106	RNA chaperone assisted intramolecular annealing reaction towards oligouridylated RNA detection in cancer cells. <i>Analyst</i> , 2019, 144, 186-190.	3.5	0
107	Aggregation–Induced Electrochemiluminescence of Carboranyl Carbazoles in Aqueous Media. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3162-3166.	13.8	170
108	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.	4.1	7

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109	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.	4.6	15
110	Three-Dimensional TiO ₂ @Cu ₂ O@Nickel Foam Electrodes: Design, Characterization, and Validation of O ₂ -Independent Photocathodic Enzymatic Bioanalysis. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25702-25707.	8.0	43
111	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.	6.5	3
112	Monitoring the Changes of pH in Lysosomes during Autophagy and Apoptosis by Plasmon Enhanced Raman Imaging. <i>Analytical Chemistry</i> , 2019, 91, 8398-8405.	6.5	75
113	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.	6.5	26
114	Advances in DNA/RNA detection using nanotechnology. <i>Advances in Clinical Chemistry</i> , 2019, 91, 31-98.	3.7	16
115	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.	6.5	29
116	Targeted Transmembrane Delivery of Ca ²⁺ via FA-Nanogel for Synergistically Enhanced Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16412-16420.	8.0	10
117	Spatiotemporal imaging of electrocatalytic activity on single 2D gold nanoplates <i>via</i> electrogenerated chemiluminescence microscopy. <i>Chemical Science</i> , 2019, 10, 4141-4147.	7.4	62
118	Modulating the electronic structure of a semiconductor to optimize its electrochemiluminescence performance. <i>Nanoscale Advances</i> , 2019, 1, 1965-1969.	4.6	13
119	Revealing transient events of molecular recognition via super-localization imaging of single-particle motion. <i>Scientific Reports</i> , 2019, 9, 4870.	3.3	2
120	Enzyme-Based Biosensors and Their Applications. , 2019, , 201-223.		15
121	Amperometric monitoring of vesicular dopamine release using a gold nanocone electrode. <i>Chemical Communications</i> , 2019, 55, 3461-3464.	4.1	15
122	Resettable and enzyme-free molecular logic devices for the intelligent amplification detection of multiple miRNAs <i>via</i> catalyzed hairpin assembly. <i>Nanoscale</i> , 2019, 11, 5048-5057.	5.6	16
123	Target-triggered, self-powered DNAzyme-MnO ₂ nanosystem: towards imaging microRNAs in living cells. <i>Chemical Communications</i> , 2019, 55, 13366-13369.	4.1	14
124	Recent advances of ratiometric electrochemiluminescence biosensors. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6469-6475.	5.8	64
125	Ultrasensitive Detection of Severe Fever with Thrombocytopenia Syndrome Virus Based on Immunofluorescent Carbon Dots/SiO ₂ Nanosphere-Based Lateral Flow Assay. <i>ACS Omega</i> , 2019, 4, 21431-21438.	3.5	49
126	Ultrasensitive electrochemiluminescence immunosensor with wide linear range based on a multiple amplification approach. <i>Electrochemistry Communications</i> , 2019, 98, 33-37.	4.7	17

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127	Hierarchical CuInS ₂ -based heterostructure: Application for photocathodic bioanalysis of sarcosine. <i>Biosensors and Bioelectronics</i> , 2018, 107, 230-236.	10.1	39
128	Plasmon-Resonance-Energy-Transfer-Based Spectroscopy on Single Nanoparticles: Biomolecular Recognition and Enzyme Kinetics. <i>Analytical Chemistry</i> , 2018, 90, 3833-3841.	6.5	12
129	An exploration of nucleic acid liquid biopsy using a glucose meter. <i>Chemical Science</i> , 2018, 9, 3517-3522.	7.4	54
130	Semiconducting Organic-Inorganic Nanodots Heterojunctions: Platforms for General Photoelectrochemical Bioanalysis Application. <i>Analytical Chemistry</i> , 2018, 90, 3759-3765.	6.5	54
131	In Situ Visualization of hERG Potassium Channel via Dual Signal Amplification. <i>Analytical Chemistry</i> , 2018, 90, 6199-6205.	6.5	19
132	Bidirectional Electrochemiluminescence Color Switch: An Application in Detecting Multimarkers of Prostate Cancer. <i>Analytical Chemistry</i> , 2018, 90, 3570-3575.	6.5	86
133	Microfluidic liquid-air dual-gradient chip for synergic effect bio-evaluation of air pollutant. <i>Talanta</i> , 2018, 182, 202-209.	5.5	9
134	Optical nano-biosensing interface <i>via</i> nucleic acid amplification strategy: construction and application. <i>Chemical Society Reviews</i> , 2018, 47, 1996-2019.	38.1	139
135	Electrogenerated Chemiluminescence Imaging of Electrocatalysis at a Single Au-Pt Janus Nanoparticle. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4010-4014.	13.8	145
136	Electrogenerated Chemiluminescence Imaging of Electrocatalysis at a Single Au-Pt Janus Nanoparticle. <i>Angewandte Chemie</i> , 2018, 130, 4074-4078.	2.0	44
137	Cu Nanoclusters-Encapsulated Liposomes: Toward Sensitive Liposomal Photoelectrochemical Immunoassay. <i>Analytical Chemistry</i> , 2018, 90, 2749-2755.	6.5	69
138	Nanochannels Photoelectrochemical Biosensor. <i>Analytical Chemistry</i> , 2018, 90, 2341-2347.	6.5	73
139	Plasmon-Enhanced Electrochemiluminescence for Nucleic Acid Detection Based on Gold Nanodendrites. <i>Analytical Chemistry</i> , 2018, 90, 1340-1347.	6.5	80
140	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.	8.0	74
141	Semiconducting CuO Nanotubes: Synthesis, Characterization, and Bifunctional Photocathodic Enzymatic Bioanalysis. <i>Analytical Chemistry</i> , 2018, 90, 5439-5444.	6.5	50
142	Exploration of the Kinetics of Toehold-Mediated Strand Displacement <i>via</i> Plasmon Rulers. <i>ACS Nano</i> , 2018, 12, 3341-3350.	14.6	83
143	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.	6.5	49
144	Multichannel electroanalytical devices for competitive ELISA of phenylethanolamine A. <i>Biosensors and Bioelectronics</i> , 2018, 99, 21-27.	10.1	12

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145	A surface-confined DNA assembly amplification strategy on DNA nanostructural scaffold for electrochemiluminescence biosensing. <i>Biosensors and Bioelectronics</i> , 2018, 100, 571-576.	10.1	30
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