# Huangxian Ju

## List of Publications by Year in Descending Order



| 725 | 36,802 | 96 | 149 |
|---|---|---|---|
| papers | citations | h-index | g-index |
| 750 | 40,434 | 7.6 | 7.85 |
| ext. papers | ext. citations | avg, IF | L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 725 | Tumor suppression diverting intracellular sialylation with multifunctional nanoparticles.. *Chemical Science*, **2022**, 13, 2939-2945 | 9.4 | |
| 724 | Hairpin oligosensor using SiQDs: F□ster resonance energy transfer study and application for miRNA-21 detection.. *Analytical and Bioanalytical Chemistry*, **2022**, 414, 2505 | 4.4 | 0 |
| 723 | Highly Sensitive Biosensing Applications of a Magnetically Immobilizable Covalent G-Quadruplex-Hemin DNAzyme Catalytic System.. *Analytical Chemistry*, **2022**, | 7.8 | 3 |
| 722 | Single cell multi-miRNAs quantification with hydrogel microbeads for liver cancer cell subtypes discrimination.. *Chemical Science*, **2022**, 13, 2062-2070 | 9.4 | 0 |
| 721 | Annihilation luminescent Eu-MOF as a near-infrared electrochemiluminescence probe for trace detection of trenbolone. *Chemical Engineering Journal*, **2022**, 434, 134691 | 14.7 | 3 |
| 720 | Copper doped terbium metal organic framework as emitter for sensitive electrochemiluminescence detection of CYFRA 21-1. *Talanta*, **2022**, 238, 123047 | 6.2 | 1 |
| 719 | From lab to field: Surface-enhanced Raman scattering-based sensing strategies for on-site analysis. *TrAC - Trends in Analytical Chemistry*, **2022**, 146, 116488 | 14.6 | 3 |
| 718 | Confined electrochemiluminescence imaging microarray for high-throughput biosensing of single cell-released dopamine.. *Biosensors and Bioelectronics*, **2022**, 201, 113959 | 11.8 | 5 |
| 717 | Chemiluminescent screening of specific hybridoma cells via a proximity-rolling circle activated enzymatic switch.. *Communications Biology*, **2022**, 5, 308 | 6.7 | 0 |
| 716 | Nanoarrays-propped in situ photoelectrochemical system for microRNA detection.. *Biosensors and Bioelectronics*, **2022**, 210, 114291 | 11.8 | 1 |
| 715 | Eu(II)-MOF as NIR probe for highly efficient instantaneous anodic electroluminescence realized environmental pollutant trace monitoring. *Chemical Engineering Journal*, **2022**, 136912 | 14.7 | 1 |
| 714 | Quenching of tungsten-based polyoxometalate nanoclusters on electrochemiluminescence emission of luminol loaded CeVO4/Au for immunoassay of protein. *Analytica Chimica Acta*, **2022**, 1210, 339883 | 6.6 | 0 |
| 713 | Proximity sequence enhanced CRISPR-Cas12a connected through hybridization chain reaction for sensitive biosensing of dengue virus. *Sensors and Actuators B: Chemical*, **2022**, 366, 132011 | 8.5 | 0 |
| 712 | Framework-promoted charge transfer for highly selective photoelectrochemical biosensing of dopamine. *Biosensors and Bioelectronics*, **2022**, 114369 | 11.8 | 0 |
| 711 | Cobalt ion doping to improve electrochemiluminescence emisssion of gold nanoclusters for sensitive NIR biosensing. *Sensors and Actuators B: Chemical*, **2022**, 132034 | 8.5 | 1 |
| 710 | Dispersion-to-localization of catalytic hairpin assembly for sensitive sensing and imaging microRNAs in living cells from whole blood. *Biosensors and Bioelectronics*, **2021**, 198, 113821 | 11.8 | 4 |
| 709 | Intrareticular charge transfer regulated electrochemiluminescence of donor-acceptor covalent organic frameworks. *Nature Communications*, **2021**, 12, 6808 | 17.4 | 13 |

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| 708 | Copper-Doped Terbium Luminescent Metal Organic Framework as an Emitter and a Co-reaction Promoter for Amplified Electrochemiluminescence Immunoassay. *Analytical Chemistry*, **2021**, 93, 14878-14884 | 7.8 | 3 |
| 707 | Hierarchical Fluorescence Imaging Strategy for Assessment of the Sialylation Level of Lipid Rafts on the Cell Membrane. *Analytical Chemistry*, **2021**, 93, 14643-14650 | 7.8 | 3 |
| 706 | A sensitive electrochemical method for rapid detection of dengue virus by CRISPR/Cas13a-assisted catalytic hairpin assembly. *Analytica Chimica Acta*, **2021**, 1187, 339131 | 6.6 | 3 |
| 705 | Aggregation-Induced Electrochemiluminescence Bioconjugates of Apoferritin-Encapsulated Iridium(III) Complexes for Biosensing Application. *Analytical Chemistry*, **2021**, 93, 1553-1560 | 7.8 | 14 |
| 704 | Potential- and Color-Resolved Electrochemiluminescence of Polymer Dots for Array Imaging of Multiplex MicroRNAs. *Analytical Chemistry*, **2021**, 93, 5327-5333 | 7.8 | 14 |
| 703 | Thermal and pH Stabilities of i-DNA: Confronting in vitro Experiments with Models and In-Cell NMR Data. *Angewandte Chemie - International Edition*, **2021**, 60, 10286-10294 | 16.4 | 17 |
| 702 | Molecular imprinted photoelectrochemical sensor for bisphenol A supported by flower-like AgBiS2/In2S3 matrix. *Sensors and Actuators B: Chemical*, **2021**, 330, 129387 | 8.5 | 5 |
| 701 | Thermal and pH Stabilities of i-DNA: Confronting in vitro Experiments with Models and In-Cell NMR Data. *Angewandte Chemie*, **2021**, 133, 10374-10382 | 3.6 | |
| 700 | Near-Infrared Electrochemiluminescence of Dual-Stabilizer-Capped Au Nanoclusters for Immunoassays. *ACS Applied Nano Materials*, **2021**, 4, 2657-2663 | 5.6 | 10 |
| 699 | Near-Infrared Photo-controlled Permeability of a Biomimetic Polymersome with Sustained Drug Release and Efficient Tumor Therapy. *ACS Applied Materials & Interfaces*, **2021**, 13, 14951-14963 | 9.5 | 5 |
| 698 | Ni foam supported photocathode platform for DNA detection based on antifouling interface. *Sensors and Actuators B: Chemical*, **2021**, 333, 129593 | 8.5 | 3 |
| 697 | Dual-Mode Sensing Platform Guided by Intramolecular Electrochemiluminescence of a Ruthenium Complex and Cationic ,-Bis(2-(trimethylammonium iodide)propylene) Perylene-3,4,9,10-tetracarboxydiimide for Estradiol Assay. *Analytical Chemistry*, **2021**, 93, 6088-6093 | 7.8 | 11 |
| 696 | Label-Free Antifouling Photoelectrochemical Sensing Strategy for Detecting Breast Tumor Cells Based on Ligand-Receptor Interactions.. *ACS Applied Bio Materials*, **2021**, 4, 4479-4485 | 4.1 | 3 |
| 695 | Drivers of i-DNA Formation in a Variety of Environments Revealed by Four-Dimensional UV Melting and Annealing. *Journal of the American Chemical Society*, **2021**, 143, 7792-7807 | 16.4 | 5 |
| 694 | Protease Secretion Visualization and Metastatic Lymph Nodes Imaging a Cell Membrane-Anchored Upconversion Nanoprobe. *Analytical Chemistry*, **2021**, 93, 7258-7265 | 7.8 | 6 |
| 693 | A duple nanozyme stimulating tandem catalysis assisted multiple signal inhibition strategy for photoelectrochemical bioanalysis. *Sensors and Actuators B: Chemical*, **2021**, 334, 129608 | 8.5 | 5 |
| 692 | Sphere-on-Tube Biomimetic Hierarchical Nanostructures Coupled with Engineered Surfaces for Enhanced Photoelectrochemical Biosensing of Cancer Cells Expressing Folate Receptors. *Advanced Materials Interfaces*, **2021**, 8, 2100421 | 4.6 | 1 |
| 691 | Split-Type Electrochemical Immunoassay System Triggering Ascorbic Acid-Mediated Signal Magnification Based on a Controlled-Release Strategy. *ACS Applied Materials & Interfaces*, **2021**, 13, 29179-29186 | 9.5 | 1 |

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| 690 | Monose-modified organic electrochemical transistors for cell surface glycan analysis via competitive recognition to enzyme-labeled lectin. *Mikrochimica Acta*, **2021**, 188, 252 | 5.8 | 1 |
| 689 | Rationally engineered high-performance BiVO/AgVO/SnS photoelectrodes for ultrasensitive immunosensing of CYFRA21-1 based on HRP-tyramine-triggered insoluble precipitates. *Mikrochimica Acta*, **2021**, 188, 270 | 5.8 | 1 |
| 688 | A MALDI-MS sensing chip prepared by non-covalent assembly for quantitation of acid phosphatase. *Science China Chemistry*, **2021**, 64, 151-156 | 7.9 | 4 |
| 687 | Dual Intramolecular Electron Transfer for In Situ Coreactant-Embedded Electrochemiluminescence Microimaging of Membrane Protein. *Angewandte Chemie*, **2021**, 133, 199-203 | 3.6 | 4 |
| 686 | A facile strategy for quantitative sensing of glycans on cell surface using organic electrochemical transistors. *Biosensors and Bioelectronics*, **2021**, 175, 112878 | 11.8 | 10 |
| 685 | Polyacrylic acid/polyethylene glycol hybrid antifouling interface for photoelectrochemical immunosensing of MDA-MB-231 cells using BiOBr/FeTPPCl/BiOI co-sensitized composite as matrix. *Sensors and Actuators B: Chemical*, **2021**, 328, 129081 | 8.5 | 3 |
| 684 | A microfluidic cathodic photoelectrochemical biosensor chip for the targeted detection of cytokeratin 19 fragments 21-1. *Lab on A Chip*, **2021**, 21, 378-384 | 7.2 | 8 |
| 683 | Electrochemiluminescence immunosensor based on ferrocene functionalized ZIF-8 quenching the electrochemiluminescence of Ru(bpy)32+-doped silica nanoparticles embodied N-butyl diethanolamine. *Sensors and Actuators B: Chemical*, **2021**, 329, 129101 | 8.5 | 6 |
| 682 | Dual Intramolecular Electron Transfer for In Situ Coreactant-Embedded Electrochemiluminescence Microimaging of Membrane Protein. *Angewandte Chemie - International Edition*, **2021**, 60, 197-201 | 16.4 | 36 |
| 681 | Dual-Signaling Electrochemical Ratiometric Method for Competitive Immunoassay of CYFRA21-1 Based on Urchin-like FeO@PDA-Ag and NiSiO(OH)-Au Absorbed Methylene Blue Nanotubes. *ACS Applied Materials & Interfaces*, **2021**, 13, 5795-5802 | 9.5 | 12 |
| 680 | Eco-Friendly Preparation of Epoxy-Rich Graphene Oxide for Wound Healing. *ACS Biomaterials Science and Engineering*, **2021**, 7, 752-763 | 5.5 | 4 |
| 679 | Tug-of-war: molecular dynamometers against living cells for analyzing sub-piconewton interaction of a specific protein with the cell membrane. *Chemical Science*, **2021**, 12, 14389-14395 | 9.4 | 1 |
| 678 | Dual Intrareticular Oxidation of Mixed-Ligand Metal-Organic Frameworks for Stepwise Electrochemiluminescence. *Journal of the American Chemical Society*, **2021**, 143, 3049-3053 | 16.4 | 26 |
| 677 | Liposome encapsulated electron donor strategy for signal-on CYFRA 21-1 photoelectrochemical analysis. *Mikrochimica Acta*, **2021**, 188, 75 | 5.8 | 2 |
| 676 | A Rolling Circle-Amplified G-Quadruplex/Hemin DNAzyme for Chemiluminescence Immunoassay of the SARS-CoV-2 Protein. *Analytical Chemistry*, **2021**, 93, 9933-9938 | 7.8 | 8 |
| 675 | Fabrication of CDs hybrid MIL-68(In) derived In2O3In2S3 hollow tubular heterojunction and their exceptional self-powered PEC aptasensing properties for ampicillin detecting. *Journal of Materiomics*, **2021**, 7, 721-727 | 6.7 | 5 |
| 674 | The catalytic properties of DNA G-quadruplexes rely on their structural integrity. *Chinese Journal of Catalysis*, **2021**, 42, 1102-1107 | 11.3 | 0 |
| 673 | Conjugated Polymer-Ferrocence Nanoparticle as an NIR-II Light Powered Nanoamplifier to Enhance Chemodynamic Therapy. *ACS Applied Materials & Interfaces*, **2021**, 13, 31452-31461 | 9.5 | 4 |

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|---|---|---|---|
| 672 | Self-assembled micelle responsive to quick NIR light irradiation for fast drug release and highly efficient cancer therapy. *Journal of Controlled Release*, **2021**, 336, 469-479 | 11.7 | 2 |
| 671 | A Push–Pull Mechanism Helps Design Highly Competent G-Quadruplex-DNA Catalysts. *CCS Chemistry*, **2021**, 3, 2183-2193 | 7.2 | 5 |
| 670 | The beginning and the end: flanking nucleotides induce a parallel G-quadruplex topology. *Nucleic Acids Research*, **2021**, 49, 9548-9559 | 20.1 | 5 |
| 669 | NIR-II reinforced intracellular cyclic reaction to enhance chemodynamic therapy with abundant HO supply. *Biomaterials*, **2021**, 275, 120962 | 15.6 | 11 |
| 668 | A dual signal-amplified electrochemiluminescence immunosensor based on core-shell CeO-Au@Pt nanosphere for procalcitonin detection. *Mikrochimica Acta*, **2021**, 188, 344 | 5.8 | 1 |
| 667 | Activating a DNA Nanomachine via Computation across Cancer Cell Membranes for Precise Therapy of Solid Tumors. *Journal of the American Chemical Society*, **2021**, 143, 15233-15242 | 16.4 | 17 |
| 666 | A pore-forming protein-induced surface-enhanced Raman spectroscopic strategy for dynamic tracing of cell membrane repair. *IScience*, **2021**, 24, 102980 | 6.1 | 1 |
| 665 | Mass Spectrometric Biosensing: A Powerful Approach for Multiplexed Analysis of Clinical Biomolecules. *ACS Sensors*, **2021**, 6, 3517-3535 | 9.2 | 3 |
| 664 | Electrochemical biosensing of DENV nucleic acid amplified with triplet nanostructure-mediated dendritic hybridization chain reaction. *Sensors and Actuators B: Chemical*, **2021**, 345, 130436 | 8.5 | 2 |
| 663 | Label-free triplex DNA-based biosensing of transcription factor using fluorescence resonance energy transfer between N-doped carbon dot and gold nanoparticle. *Analytica Chimica Acta*, **2021**, 1181, 338919 | 6.6 | 3 |
| 662 | Dual-signal electrochemiluminescence immunosensor for Neuron-specific enolase detection based on "dual-potential" emitter Ru(bpy) functionalized zinc-based metal-organic frameworks. *Biosensors and Bioelectronics*, **2021**, 192, 113505 | 11.8 | 7 |
| 661 | A DNA dendrimer amplified electrochemical immunosensing method for highly sensitive detection of prostate specific antigen. *Analytica Chimica Acta*, **2021**, 1186, 339083 | 6.6 | 2 |
| 660 | Photoelectrochemical aptasensor based on LaTiO/SbS and VO for effectively signal change strategy for cancer marker detection. *Biosensors and Bioelectronics*, **2021**, 192, 113528 | 11.8 | 2 |
| 659 | Dual-quenching electrochemiluminescence resonance energy transfer system from IRMOF-3 coreaction accelerator enriched nitrogen-doped GQDs to ZnO@Au for sensitive detection of procalcitonin. *Sensors and Actuators B: Chemical*, **2021**, 346, 130495 | 8.5 | 2 |
| 658 | Competitive electrochemiluminescence aptasensor based on the Ru(II) derivative utilizing intramolecular ECL emission for E2 detection. *Sensors and Actuators B: Chemical*, **2021**, 348, 130717 | 8.5 | 2 |
| 657 | A cardiac troponin I photoelectrochemical immunosensor: nitrogen-doped carbon quantum dots-bismuth oxyiodide-flower-like SnO. *Mikrochimica Acta*, **2020**, 187, 332 | 5.8 | 8 |
| 656 | Fabrication of N-GQDs and AgBiS2 dual-sensitized ZIFs-derived hollow ZnxCo3-xO4 dodecahedron for sensitive photoelectrochemical aptasensing of ampicillin. *Sensors and Actuators B: Chemical*, **2020**, 320, 128387 | 8.5 | 13 |
| 655 | A photo zipper locked DNA nanomachine with an internal standard for precise miRNA imaging in living cells. *Chemical Science*, **2020**, 11, 6289-6296 | 9.4 | 26 |

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| 654 | Intramolecular Coreaction Accelerated Electrochemiluminescence of Polypeptide-Biomineralized Gold Nanoclusters for Targeted Detection of Biomarkers. *Analytical Chemistry*, **2020**, 92, 9179-9187 | 7.8 | 12 |
| 653 | Electroactive Metal-Organic Frameworks as Emitters for Self-Enhanced Electrochemiluminescence in Aqueous Medium. *Angewandte Chemie - International Edition*, **2020**, 59, 10446-10450 | 16.4 | 42 |
| 652 | Intensive and Persistent Chemiluminescence System Based on Nano-/Bioenzymes with Local Tandem Catalysis and Surface Diffusion. *Analytical Chemistry*, **2020**, 92, 5517-5523 | 7.8 | 17 |
| 651 | Zinc and Molybdenum Co-Doped BiVO Nanoarray for Photoelectrochemical Diethylstilbestrol Analysis Based on the Dual-Competitive System of Manganese Hexacyanoferrate Hydrate Nanocubes. *ACS Applied Materials & Interfaces*, **2020**, 12, 16662-16669 | 9.5 | 14 |
| 650 | Label-free electrochemical immunosensor with palladium nanoparticles functionalized MoS2/NiCo heterostructures for sensitive procalcitonin detection. *Sensors and Actuators B: Chemical*, **2020**, 312, 127980 | 8.5 | 21 |
| 649 | Quantitative Localized Analysis Reveals Distinct Exosomal Protein-Specific Glycosignatures: Implications in Cancer Cell Subtyping, Exosome Biogenesis, and Function. *Journal of the American Chemical Society*, **2020**, 142, 7404-7412 | 16.4 | 16 |
| 648 | A Filter Supported Surface-Enhanced Raman Scattering "Nose" for Point-of-Care Monitoring of Gaseous Metabolites of Bacteria. *Analytical Chemistry*, **2020**, 92, 5055-5063 | 7.8 | 15 |
| 647 | A signal-off electrochemical sensing platform based on Fe3S4-Pd and pineal mesoporous bioactive glass for procalcitonin detection. *Sensors and Actuators B: Chemical*, **2020**, 320, 128324 | 8.5 | 11 |
| 646 | Target-Catalyzed Assembly of Pyrene-Labeled Hairpins for Exponentially Amplified Biosensing.. *ACS Applied Bio Materials*, **2020**, 3, 5342-5349 | 4.1 | 5 |
| 645 | Electrochemiluminescence sensing platform based on functionalized poly-(styrene-co-maleicanhydride) nanocrystals and iron doped hydroxyapatite for CYFRA 21-1 immunoassay. *Sensors and Actuators B: Chemical*, **2020**, 321, 128454 | 8.5 | 11 |
| 644 | THCH as electron donor in controlled-release system for procalcitonin analysis based on Bi2Sn2O7 photoanode. *Sensors and Actuators B: Chemical*, **2020**, 321, 128509 | 8.5 | 6 |
| 643 | An anchored monopodial DNA walker triggered by proximity hybridization for amplified amperometric biosensing of nucleic acid and protein. *Analytica Chimica Acta*, **2020**, 1107, 48-54 | 6.6 | 3 |
| 642 | Quench-Type Electrochemiluminescence Immunosensor Based on Resonance Energy Transfer from Carbon Nanotubes and Au-Nanoparticles-Enhanced -CN to CuO@Polydopamine for Procalcitonin Detection. *ACS Applied Materials & Interfaces*, **2020**, 12, 8006-8015 | 9.5 | 39 |
| 641 | Enzyme-free colorimetric immunoassay for procalcitonin based on MgFe2O4 sacrificial probe with the Prussian blue production. *Sensors and Actuators B: Chemical*, **2020**, 316, 128163 | 8.5 | 7 |
| 640 | Electroactive Metal□rganic Frameworks as Emitters for Self-Enhanced Electrochemiluminescence in Aqueous Medium. *Angewandte Chemie*, **2020**, 132, 10532-10536 | 3.6 | 8 |
| 639 | Cardiac troponin I photoelectrochemical sensor: {Mo} as electrode donor for BiS and Au co-sensitized FeOOH composite. *Biosensors and Bioelectronics*, **2020**, 157, 112157 | 11.8 | 7 |
| 638 | Proximity Enzymatic Glyco-Remodeling Enables Direct and Highly Efficient Lipid Raft Imaging on Live Cells. *Analytical Chemistry*, **2020**, 92, 7232-7239 | 7.8 | 5 |
| 637 | Oxygen Vacancy-Enhanced Electrochemiluminescence Sensing Strategy Using Luminol Thermally Encapsulated in Apoferritin as a Transducer for Biomarker Immunoassay. *Analytical Chemistry*, **2020**, 92, 8472-8479 | 7.8 | 23 |

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| 636 | Bifunctional pd-decorated polysulfide nanoparticle of Co9S8 supported on graphene oxide: A new and efficient label-free immunosensor for amyloid -protein detection. *Sensors and Actuators B: Chemical*, **2020**, 304, 127413 | 8.5 | 12 |
| 635 | Photoelectrochemical competitive immunosensor for 17-estradiol detection based on ZnInS@NH-MIL-125(Ti) amplified by PDA NS/Mn:ZnCdS. *Biosensors and Bioelectronics*, **2020**, 148, 111739 | 11.8 | 23 |
| 634 | An oxidatively damaged G-quadruplex/hemin DNAzyme. *Chemical Communications*, **2020**, 56, 1839-1842 | 5.8 | 7 |
| 633 | One-step electrodeposition of the MOF@CCQDs/NiF electrode for chiral recognition of tyrosine isomers. *Dalton Transactions*, **2020**, 49, 31-34 | 4.3 | 11 |
| 632 | Colorimetric Detection of Nucleic Acids through Triplex-Hybridization Chain Reaction and DNA-Controlled Growth of Platinum Nanoparticles on Graphene Oxide. *Analytical Chemistry*, **2020**, 92, 2714-2721 | 7.8 | 27 |
| 631 | A procalcitonin photoelectrochemical immunosensor: NCQDs and Sb2S3 co-sensitized hydrangea-shaped WO3 as a matrix through a layer-by-layer assembly. *New Journal of Chemistry*, **2020**, 44, 2452-2458 | 3.6 | 2 |
| 630 | Highly-sensitive electrochemiluminescence biosensor for NT-proBNP using MoS2@Cu2S as signal-enhancer and multinary nanocrystals loaded in mesoporous UiO-66-NH2 as novel luminophore. *Sensors and Actuators B: Chemical*, **2020**, 307, 127619 | 8.5 | 18 |
| 629 | A localized molecular automaton for visualization of proteins with specific chemical modifications. *Chemical Science*, **2020**, 11, 1665-1671 | 9.4 | 5 |
| 628 | Novel Protease-Free Long-Lasting Chemiluminescence System Based on the Dox-ABEI Chimeric Magnetic DNA Hydrogel for Ultrasensitive Immunoassay. *ACS Applied Materials & Interfaces*, **2020**, 12, 47270-47277 | 9.5 | 8 |
| 627 | A self-powered photoanode-supported photoelectrochemical immunosensor for CYFRA 21-1 detection based on InO/InS/CdInS heterojunction. *Biosensors and Bioelectronics*, **2020**, 169, 112580 | 11.8 | 8 |
| 626 | Signal-off electrochemiluminescence immunosensor based on Mn-Eumelanin coordination nanoparticles quenching PtCo-CuFe2O4-reduced graphene oxide enhanced luminol. *Sensors and Actuators B: Chemical*, **2020**, 323, 128702 | 8.5 | 7 |
| 625 | Etching Triangular Silver Nanoparticles by Self-generated Hydrogen Peroxide to Initiate the Response of an Electrochemiluminescence Sensing Platform. *Analytical Chemistry*, **2020**, 92, 14203-14209 | 7.8 | 13 |
| 624 | Organic electrochemical transistor for sensing of sialic acid in serum samples. *Analytica Chimica Acta*, **2020**, 1128, 231-237 | 6.6 | 8 |
| 623 | Thermally Triggered, Cell-Specific Enzymatic Glyco-Editing: Regulation of Lectin Recognition and Immune Response on Target Cells. *ACS Applied Materials & Interfaces*, **2020**, 12, 54387-54398 | 9.5 | 2 |
| 622 | Efficient DNA Walker Guided with Well-Regulated Interfacial Tracks for Ultrasensitive Electrochemiluminescence Biosensing. *Analytical Chemistry*, **2020**, 92, 15624-15631 | 7.8 | 16 |
| 621 | Oxygen vacancies enhanced photoelectrochemical aptasensing of 2, 3', 5, 5'-tetrachlorobiphenyl amplified with AgVO nanoparticle-TiO nanotube array heterostructure. *Biosensors and Bioelectronics*, **2020**, 167, 112477 | 11.8 | 8 |
| 620 | A Near-Infrared Photo-Switched MicroRNA Amplifier for Precise Photodynamic Therapy of Early-Stage Cancers. *Angewandte Chemie - International Edition*, **2020**, 59, 21454-21459 | 16.4 | 19 |
| 619 | A Near-Infrared Photo-Switched MicroRNA Amplifier for Precise Photodynamic Therapy of Early-Stage Cancers. *Angewandte Chemie*, **2020**, 132, 21638-21643 | 3.6 | 4 |

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| 618 | A novel approach to photoelectrochemical immunoassay for procalcitonin on the basis of SnS2/CdS. *New Journal of Chemistry*, **2020**, 44, 15281-15288 | 3.6 | 3 |
| 617 | Controlled assembly of AIEgens based on a super-quadruplex scaffold for detection of plasma membrane proteins. *Analytica Chimica Acta*, **2020**, 1094, 130-135 | 6.6 | 5 |
| 616 | Express and sensitive detection of multiple miRNAs via DNA cascade reactors functionalized photonic crystal array. *Science China Chemistry*, **2020**, 63, 731-740 | 7.9 | 5 |
| 615 | Mass spectrometric biosensing: Quantitation of multiplex enzymes using single mass probe and fluorous affinity chip. *Biosensors and Bioelectronics*, **2020**, 157, 112159 | 11.8 | 8 |
| 614 | Activatable Photodynamic Therapy with Therapeutic Effect Prediction Based on a Self-correction Upconversion Nanoprobe. *ACS Applied Materials & Interfaces*, **2020**, 12, 19313-19323 | 9.5 | 8 |
| 613 | "Three-in-One" SERS Adhesive Tape for Rapid Sampling, Release, and Detection of Wound Infectious Pathogens. *ACS Applied Materials & Interfaces*, **2019**, 11, 36399-36408 | 9.5 | 16 |
| 612 | Near-infrared boosted ROS responsive siRNA delivery and cancer therapy with sequentially peeled upconversion nano-onions. *Biomaterials*, **2019**, 225, 119501 | 15.6 | 48 |
| 611 | Sandwich-type signal-off photoelectrochemical immunosensor based on dual suppression effect of PbS quantum dots/Co3O4 polyhedron as signal amplification for procalcitonin detection. *Sensors and Actuators B: Chemical*, **2019**, 300, 127001 | 8.5 | 16 |
| 610 | A carbon dot and molecular beacon based fluorometric sensor for the cancer marker microRNA-21. *Mikrochimica Acta*, **2019**, 186, 132 | 5.8 | 33 |
| 609 | A amperometric immunosensor for sensitive detection of circulating tumor cells using a tyramide signal amplification-based signal enhancement system. *Biosensors and Bioelectronics*, **2019**, 130, 88-94 | 11.8 | 25 |
| 608 | A rolling circle amplification-assisted DNA walker triggered by multiple DNAzyme cores for highly sensitive electrochemical biosensing. *Analyst, The*, **2019**, 144, 691-697 | 5 | 16 |
| 607 | Fluorescent visual quantitation of cell-secreted sialoglycoconjugates by chemoselective recognition and hybridization chain reaction. *Analyst, The*, **2019**, 144, 4545-4551 | 5 | 5 |
| 606 | Switchable Enzymatic Accessibility for Precision Cell-Selective Surface Glycan Remodeling. *Chemistry - A European Journal*, **2019**, 25, 10505-10510 | 4.8 | 5 |
| 605 | Dual resonance energy transfer in triple-component polymer dots to enhance electrochemiluminescence for highly sensitive bioanalysis. *Chemical Science*, **2019**, 10, 6815-6820 | 9.4 | 51 |
| 604 | Proximity hybridization-induced on particle DNA walker for ultrasensitive protein detection. *Analytica Chimica Acta*, **2019**, 1074, 142-149 | 6.6 | 14 |
| 603 | Ferritin-Based Electrochemiluminescence Nanosurface Energy Transfer System for Procalcitonin Detection Using HWRGWVC Heptapeptide for Site-Oriented Antibody Immobilization. *Analytical Chemistry*, **2019**, 91, 7145-7152 | 7.8 | 52 |
| 602 | Telomerase Triggered DNA Walker with a Superhairpin Structure for Human Telomerase Activity Sensing. *Analytical Chemistry*, **2019**, 91, 6981-6985 | 7.8 | 46 |
| 601 | Motion of Enzyme-Powered Microshell Motors. *Chemistry - an Asian Journal*, **2019**, 14, 2491-2496 | 4.5 | 11 |

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| 600 | Cobalt-based metal-organic frameworks as co-reaction accelerator for enhancing electrochemiluminescence behavior of N-(aminobutyl)-N-(ethylisoluminol) and ultrasensitive immunosensing of amyloid-protein. *Sensors and Actuators B: Chemical*, **2019**, 291, 319-328 | 8.5 | 24 |
| 599 | Filter Beacon: A Gating-Free Architecture for Protein-Specific Glycoform Imaging on Cell Surface. *Analytical Chemistry*, **2019**, 91, 6027-6034 | 7.8 | 6 |
| 598 | Selenium-isotopic signature toward mass spectrometric identification and enzyme activity assay. *Analytica Chimica Acta*, **2019**, 1064, 1-10 | 6.6 | 3 |
| 597 | Fast detection of mycoplasma pneumoniae by interaction of tetramolecular G-quadruplex with graphene oxide. *Sensors and Actuators B: Chemical*, **2019**, 290, 41-46 | 8.5 | 3 |
| 596 | Bubble-Propelled Jellyfish-like Micromotors for DNA Sensing. *ACS Applied Materials & Interfaces*, **2019**, 11, 13581-13588 | 9.5 | 59 |
| 595 | Recruitment of Brd3 and Brd4 to acetylated chromatin is essential for proinflammatory cytokine-induced matrix-degrading enzyme expression. *Journal of Orthopaedic Surgery and Research*, **2019**, 14, 59 | 2.8 | 5 |
| 594 | A sandwich-type photoelectrochemical immunosensor for NT-pro BNP detection based on F-BiWO/AgS and GO/PDA for signal amplification. *Biosensors and Bioelectronics*, **2019**, 131, 299-306 | 11.8 | 36 |
| 593 | Quench-type electrochemiluminescence immunosensor for detection of amyloid -protein based on resonance energy transfer from luminol@SnS-Pd to Cu doped WO nanoparticles. *Biosensors and Bioelectronics*, **2019**, 133, 192-198 | 11.8 | 35 |
| 592 | Magnetic electrode-based electrochemical immunosensor using amorphous bimetallic sulfides of CoSnS as signal amplifier for the NTpro BNP detection. *Biosensors and Bioelectronics*, **2019**, 131, 250-256 | 11.8 | 11 |
| 591 | Nanoamplicon Comparator for Live-Cell MicroRNA Imaging. *Analytical Chemistry*, **2019**, 91, 3374-3381 | 7.8 | 27 |
| 590 | Construction of well-ordered electrochemiluminescence sensing interface using peptide-based specific antibody immobilizer and N-(aminobutyl)-N-(ethylisoluminol) functionalized ferritin as signal indicator for procalcitonin analysis. *Biosensors and Bioelectronics*, **2019**, 142, 111562 | 11.8 | 15 |
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