

Long Wu

List of Publications by Year in Descending Order

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Version: 2024-04-26

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

53
papers

1,325
citations

21
h-index

35
g-index

55
ext. papers

1,741
ext. citations

7.5
avg, IF

4.97
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 53 | Amelioration of enteric dysbiosis by polyoxotungstates in mice gut. <i>Journal of Inorganic Biochemistry</i> , 2022 , 226, 111654 | 4.2 | 2 |
| 52 | Application of Nano-ELISA in Food Analysis 2022 , 401-438 | | |
| 51 | Magnetic relaxation switching biosensor via polydopamine nanoparticle mediated click chemistry for detection of chlorpyrifos.. <i>Biosensors and Bioelectronics</i> , 2022 , 207, 114127 | 11.8 | 1 |
| 50 | Towards Development of Molecularly Imprinted Electrochemical Sensors for Food and Drug Safety: Progress and Trends. <i>Biosensors</i> , 2022 , 12, 369 | 5.9 | 0 |
| 49 | A multifunctional probe for lead(II) sensing using CdSe/ZnS-luminol-conjugated Fe ₃ O ₄ magnetic nanocomposites. <i>Sensors and Actuators B: Chemical</i> , 2021 , 131124 | 8.5 | 1 |
| 48 | Enzyme-induced Cu/Cu conversion as the electrochemical signal for sensitive detection of ethyl carbamate. <i>Analytica Chimica Acta</i> , 2021 , 1151, 338256 | 6.6 | 6 |
| 47 | Food Safety in Post-COVID-19 Pandemic: Challenges and Countermeasures. <i>Biosensors</i> , 2021 , 11, | 5.9 | 7 |
| 46 | Mesoporous CoOx/C Nanocomposites Functionalized Electrochemical Sensor for Rapid and Continuous Detection of Nitrite. <i>Coatings</i> , 2021 , 11, 596 | 2.9 | 1 |
| 45 | Food additives: From functions to analytical methods. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-21 | 11.5 | 8 |
| 44 | Bacteria Inspired Internal Standard SERS Substrate for Quantitative Detection.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2009-2019 | 4.1 | 15 |
| 43 | Double-enzymes-mediated Fe/Fe conversion as magnetic relaxation switch for pesticide residues sensing. <i>Journal of Hazardous Materials</i> , 2021 , 403, 123619 | 12.8 | 10 |
| 42 | A magnetic relaxation DNA biosensor for rapid detection of <i>Listeria monocytogenes</i> using phosphatase-mediated Mn(VII)/Mn(II) conversion. <i>Food Control</i> , 2021 , 125, 107959 | 6.2 | 6 |
| 41 | Nanozyme Applications: A Glimpse of Insight in Food Safety. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 727886 | 5.8 | 6 |
| 40 | Fabrication of Ag-TiO ₂ functionalized activated carbon for dyes degradation based on tea residues. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 627, 127130 | 5.1 | 2 |
| 39 | Highly sensitive magnetic relaxation sensing method for aflatoxin B1 detection based on Au NP-assisted triple self-assembly cascade signal amplification. <i>Biosensors and Bioelectronics</i> , 2021 , 192, 113489 | 11.8 | 9 |
| 38 | Analysis of food Additives 2021 , 157-180 | | 2 |
| 37 | Strawberry-like SiO ₂ /Ag nanocomposites immersed filter paper as SERS substrate for acrylamide detection. <i>Food Chemistry</i> , 2020 , 328, 127106 | 8.5 | 18 |

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| 36 | Nanozyme-linked immunosorbent assay for porcine circovirus type 2 antibody using HAuCl ₄ /H ₂ O ₂ coloring system. <i>Microchemical Journal</i> , 2020 , 157, 105079 | 4.8 | 6 |
| 35 | Nanozyme and aptamer- based immunosorbent assay for aflatoxin B1. <i>Journal of Hazardous Materials</i> , 2020 , 399, 123154 | 12.8 | 34 |
| 34 | Functional poly(carboxybetaine methacrylate) coated paper sensor for high efficient and multiple detection of nutrients in fruit. <i>Chinese Chemical Letters</i> , 2020 , 31, 1099-1103 | 8.1 | 3 |
| 33 | Enzyme induced molecularly imprinted polymer on SERS substrate for ultrasensitive detection of patulin. <i>Analytica Chimica Acta</i> , 2020 , 1101, 111-119 | 6.6 | 22 |
| 32 | DNA enzyme mediated ratiometric fluorescence assay for Pb(II) ion using magnetic nanosphere-loaded gold nanoparticles and CdSe/ZnS quantum dots. <i>Mikrochimica Acta</i> , 2020 , 187, 273 | 5.8 | 3 |
| 31 | Highly Adjustable Three-Dimensional Hollow Pt(Au)Cu Nanonetwork Structures as Enhancing Electrocatalysts for Alcohol Oxidation Reaction. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 066518 | 3.9 | 4 |
| 30 | Characteristics of the emulsion stabilized by polysaccharide conjugates alkali-extracted from green tea residue and its protective effect on catechins. <i>Industrial Crops and Products</i> , 2019 , 140, 111611 | 5.9 | 29 |
| 29 | Tyrosinase Incorporated with Au-Pt@SiO ₂ Nanospheres for Electrochemical Detection of Bisphenol A. <i>Journal of the Electrochemical Society</i> , 2019 , 166, B562-B568 | 3.9 | 24 |
| 28 | Surface-Imprinted Gold Nanoparticle-Based Surface-Enhanced Raman Scattering for Sensitive and Specific Detection of Patulin in Food Samples. <i>Food Analytical Methods</i> , 2019 , 12, 1648-1657 | 3.4 | 28 |
| 27 | Pt nanozyme for O ₂ self-sufficient, tumor-specific oxidative damage and drug resistance reversal. <i>Nanoscale Horizons</i> , 2019 , 4, 1124-1131 | 10.8 | 32 |
| 26 | Effects of Tea-Polysaccharide Conjugates and Metal Ions on Precipitate Formation by Epigallocatechin Gallate and Caffeine, the Key Components of Green Tea Infusion. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 3744-3751 | 5.7 | 25 |
| 25 | Application of nano-ELISA in food analysis: Recent advances and challenges. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 113, 140-156 | 14.6 | 114 |
| 24 | Amplified Magnetic Resonance Sensing via Enzyme-Mediated Click Chemistry and Magnetic Separation. <i>Analytical Chemistry</i> , 2019 , 91, 15555-15562 | 7.8 | 16 |
| 23 | Ratiometric fluorescence sensor for the sensitive detection of Bacillus thuringiensis transgenic sequence based on silica coated supermagnetic nanoparticles and quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2018 , 254, 206-213 | 8.5 | 13 |
| 22 | Surface-imprinted SiO ₂ @Ag nanoparticles for the selective detection of BPA using surface enhanced Raman scattering. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 566-573 | 8.5 | 43 |
| 21 | Analysis of Protein Moiety of Polysaccharide Conjugates Water-extracted from Low Grade Green Tea. <i>Chemical Research in Chinese Universities</i> , 2018 , 34, 691-696 | 2.2 | 12 |
| 20 | Versatile Electrochemiluminescence Assays for PEDV Antibody Based on Rolling Circle Amplification and Ru-DNA Nanotags. <i>Analytical Chemistry</i> , 2018 , 90, 7415-7421 | 7.8 | 21 |
| 19 | Gecko-Inspired Nanotentacle Surface-Enhanced Raman Spectroscopy Substrate for Sampling and Reliable Detection of Pesticide Residues in Fruits and Vegetables. <i>Analytical Chemistry</i> , 2017 , 89, 2424-2431 | 7.8 | 150 |

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| 18 | Direct reduction of H ₂ AuCl ₄ for the visual detection of intracellular hydrogen peroxide based on Au-Pt/SiO ₂ nanospheres. <i>Sensors and Actuators B: Chemical</i> , 2017 , 248, 367-373 | 8.5 | 15 |
| 17 | Graphene Oxide as a Stabilizer for Clean Synthesis of High-Performance Pd-Based Nanotubes Electrocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5191-5199 | 8.3 | 11 |
| 16 | From Electrochemistry to Electroluminescence: Development and Application in a Ratiometric Aptasensor for Aflatoxin B ₁ . <i>Analytical Chemistry</i> , 2017 , 89, 7578-7585 | 7.8 | 98 |
| 15 | Ultrasensitive detection of aflatoxin B by SERS aptasensor based on exonuclease-assisted recycling amplification. <i>Biosensors and Bioelectronics</i> , 2017 , 97, 59-64 | 11.8 | 91 |
| 14 | Ammonia Mediated One-Step Synthesis of Three-Dimensional Porous Pt ₂ Cu ₁₀₀ Nanochain Networks with Enhanced Electrocatalytic Activity toward Polyhydric Alcohol Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 11086-11095 | 8.3 | 24 |
| 13 | Ultrasensitive SERS detection of Bacillus thuringiensis special gene based on Au@Ag NRs and magnetic beads. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 321-327 | 11.8 | 36 |
| 12 | Near-Infrared electrochemiluminescence biosensor for high sensitive detection of porcine reproductive and respiratory syndrome virus based on cyclodextrin-grafted porous Au/PtAu nanotube. <i>Sensors and Actuators B: Chemical</i> , 2017 , 240, 586-594 | 8.5 | 15 |
| 11 | Signal-Amplified Near-Infrared Ratiometric Electrochemiluminescence Aptasensor Based on Multiple Quenching and Enhancement Effect of Graphene/Gold Nanorods/G-Quadruplex. <i>Analytical Chemistry</i> , 2016 , 88, 8179-87 | 7.8 | 57 |
| 10 | Enzymatic biosensor of horseradish peroxidase immobilized on Au-Pt nanotube/Au-graphene for the simultaneous determination of antioxidants. <i>Analytica Chimica Acta</i> , 2016 , 933, 89-96 | 6.6 | 32 |
| 9 | Carbon-Dot and Quantum-Dot-Coated Dual-Emission Core-Satellite Silica Nanoparticles for Ratiometric Intracellular Cu(2+) Imaging. <i>Analytical Chemistry</i> , 2016 , 88, 7395-403 | 7.8 | 88 |
| 8 | Platinum-based nitrogen-doped porous C _x N _{1-x} compounds used as a transducer for sensitive detection of hydrogen peroxide. <i>Electrochimica Acta</i> , 2016 , 209, 661-670 | 6.7 | 5 |
| 7 | Highly sensitive enzyme-free immunosorbent assay for porcine circovirus type 2 antibody using Au-Pt/SiO ₂ nanocomposites as labels. <i>Biosensors and Bioelectronics</i> , 2016 , 82, 177-84 | 11.8 | 36 |
| 6 | Platinum Dendritic-Flowers Prepared by Tellurium Nanowires Exhibit High Electrocatalytic Activity for Glycerol Oxidation. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 17725-30 | 9.5 | 42 |
| 5 | One-step synthesis of high-quality homogenous Te/Se alloy nanorods with various morphologies. <i>CrystEngComm</i> , 2015 , 17, 3243-3250 | 3.3 | 13 |
| 4 | Enhanced immunoassay for porcine circovirus type 2 antibody using enzyme-loaded and quantum dots-embedded shell-core silica nanospheres based on enzyme-linked immunosorbent assay. <i>Analytica Chimica Acta</i> , 2015 , 887, 192-200 | 6.6 | 21 |
| 3 | Spiny-porous platinum nanotubes with enhanced electrocatalytic activity for methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1388-1391 | 13 | 25 |
| 2 | Target triggered self-assembly of Au nanoparticles for amplified detection of Bacillus thuringiensis transgenic sequence using SERS. <i>Biosensors and Bioelectronics</i> , 2014 , 62, 196-200 | 11.8 | 23 |
| 1 | Hydrogen-bonding recognition-induced aggregation of gold nanoparticles for the determination of the migration of melamine monomers using dynamic light scattering. <i>Analytica Chimica Acta</i> , 2014 , 845, 92-7 | 6.6 | 19 |

