

Long Wu

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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	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
52	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
51	From Electrochemistry to Electroluminescence: Development and Application in a Ratiometric Aptasensor for Aflatoxin B1. <i>Analytical Chemistry</i> , 2017 , 89, 7578-7585	7.8	98
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	Nanozyme and aptamer- based immunosorbent assay for aflatoxin B1. <i>Journal of Hazardous Materials</i> , 2020 , 399, 123154	12.8	34
42	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
41	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
40	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
39	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
38	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
37	Spiny-porous platinum nanotubes with enhanced electrocatalytic activity for methanol oxidation. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1388-1391	13	25

36	Ammonia Mediated One-Step Synthesis of Three-Dimensional Porous Pt ₃ 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
35	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
34	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
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	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
31	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
30	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
29	Strawberry-like SiO/Ag nanocomposites immersed filter paper as SERS substrate for acrylamide detection. <i>Food Chemistry</i> , 2020 , 328, 127106	8.5	18
28	Amplified Magnetic Resonance Sensing via Enzyme-Mediated Click Chemistry and Magnetic Separation. <i>Analytical Chemistry</i> , 2019 , 91, 15555-15562	7.8	16
27	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
26	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
25	Bacteria Inspired Internal Standard SERS Substrate for Quantitative Detection.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 2009-2019	4.1	15
24	One-step synthesis of high-quality homogenous Te/Se alloy nanorods with various morphologies. <i>CrystEngComm</i> , 2015 , 17, 3243-3250	3.3	13
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	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
21	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
20	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
19	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

18	Food additives: From functions to analytical methods. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-21	11.5	8
17	Food Safety in Post-COVID-19 Pandemic: Challenges and Countermeasures. <i>Biosensors</i> , 2021 , 11,	5.9	7
16	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
15	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
14	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
13	Nanozyme Applications: A Glimpse of Insight in Food Safety. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 727886	5.8	6
12	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
11	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 ⁹	3.9	4
10	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
9	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
8	Amelioration of enteric dysbiosis by polyoxotungstates in mice gut. <i>Journal of Inorganic Biochemistry</i> , 2022 , 226, 111654	4.2	2
7	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
6	Analysis of food Additives 2021 , 157-180		2
5	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
4	Mesoporous CoOx/C Nanocomposites Functionalized Electrochemical Sensor for Rapid and Continuous Detection of Nitrite. <i>Coatings</i> , 2021 , 11, 596	2.9	1
3	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
2	Towards Development of Molecularly Imprinted Electrochemical Sensors for Food and Drug Safety: Progress and Trends. <i>Biosensors</i> , 2022 , 12, 369	5.9	0
1	Application of Nano-ELISA in Food Analysis 2022 , 401-438		

