

Lunjie Huang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4099960/publications.pdf>

Version: 2024-02-01

42
papers

3,040
citations

126708

33
h-index

253896

43
g-index

43
all docs

43
docs citations

43
times ranked

2835
citing authors

#	ARTICLE	IF	CITATIONS
1	Interfacing metal-polyphenolic networks upon photothermal gold nanorods for triplex-evolved biocompatible bactericidal activity. <i>Journal of Hazardous Materials</i> , 2022, 426, 127824.	6.5	32
2	Precision release systems of food bioactive compounds based on metal-organic frameworks: synthesis, mechanisms and recent applications. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 3991-4009.	5.4	32
3	Photosensitized Peroxidase Mimicry at the Hierarchical OD/2D Heterojunctionâ€Like Quasi Metalâ€Organic Framework Interface for Boosting Biocatalytic Disinfection. <i>Small</i> , 2022, 18, e2200178.	5.2	62
4	Emergence of dyestuff chemistry-encoded signal tracers in immunochromatographic assays: Fundamentals and recent food applications. <i>Trends in Food Science and Technology</i> , 2022, 127, 335-351.	7.8	8
5	Introducing reticular chemistry into agrochemistry. <i>Chemical Society Reviews</i> , 2021, 50, 1070-1110.	18.7	106
6	Advances in flexible surface-enhanced Raman scattering (SERS) substrates for nondestructive food detection: Fundamentals and recent applications. <i>Trends in Food Science and Technology</i> , 2021, 109, 690-701.	7.8	171
7	Luminescent metal-organic frameworks (LMOFs): An emerging sensing platform for food quality and safety control. <i>Trends in Food Science and Technology</i> , 2021, 111, 716-730.	7.8	39
8	Magnetic surface-enhanced Raman scattering (MagSERS) biosensors for microbial food safety: Fundamentals and applications. <i>Trends in Food Science and Technology</i> , 2021, 113, 366-381.	7.8	78
9	Reproducible, shelf-stable, and bioaffinity SERS nanotags inspired by multivariate polyphenolic chemistry for bacterial identification. <i>Analytica Chimica Acta</i> , 2021, 1167, 338570.	2.6	76
10	Dual recognition strategy and magnetic enrichment based lateral flow assay toward Salmonella enteritidis detection. <i>Talanta</i> , 2020, 206, 120204.	2.9	62
11	One-pot bottom-up fabrication of a 2D/2D heterojuncted nanozyme towards optimized peroxidase-like activity for sulfide ions sensing. <i>Sensors and Actuators B: Chemical</i> , 2020, 306, 127565.	4.0	69
12	Copper-Sensitized â€Turn Onâ€Peroxidase-Like Activity of MMoO ₄ (M = Co, Ni) Flowers for Selective Detection of Aquatic Copper Ions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 12568-12576.	3.2	36
13	Bridging Fe ₃ O ₄ @Au nanoflowers and Au@Ag nanospheres with aptamer for ultrasensitive SERS detection of aflatoxin B1. <i>Food Chemistry</i> , 2020, 324, 126832.	4.2	139
14	Plasmonic nanoparticles on metal-organic framework: A versatile SERS platform for adsorptive detection of new coccine and orange II dyes in food. <i>Food Chemistry</i> , 2020, 328, 127105.	4.2	115
15	Development of Nanozymes for Food Quality and Safety Detection: Principles and Recent Applications. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2019, 18, 1496-1513.	5.9	120
16	Mixed-Valence Ce-BPyDC Metalâ€Organic Framework with Dual Enzyme-like Activities for Colorimetric Biosensing. <i>Inorganic Chemistry</i> , 2019, 58, 11382-11388.	1.9	89
17	Stable, Flexible, and High-Performance SERS Chip Enabled by a Ternary Film-Packaged Plasmonic Nanoparticle Array. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29177-29186.	4.0	164
18	New Functional Tracerâ€Two-Dimensional Nanosheet-Based Immunochromatographic Assay for <i>Salmonella enteritidis</i> Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 6642-6649.	2.4	36

#	ARTICLE	IF	CITATIONS
19	The highly efficient elimination of intracellular bacteria <i>via</i> a metal organic framework (MOF)-based three-in-one delivery system. <i>Nanoscale</i> , 2019, 11, 9468-9477.	2.8	71
20	Rapid and selective fluorometric determination of tannic acid using MoO _{3-x} quantum dots. <i>Mikrochimica Acta</i> , 2019, 186, 247.	2.5	27
21	A colorimetric paper sensor based on the domino reaction of acetylcholinesterase and degradable β-MnOOH nanozyme for sensitive detection of organophosphorus pesticides. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 573-580.	4.0	122
22	Applicability of biological dye tracer in strip biosensor for ultrasensitive detection of pathogenic bacteria. <i>Food Chemistry</i> , 2019, 274, 816-821.	4.2	42
23	Portable Colorimetric Detection of Mercury(II) Based on a Non-Noble Metal Nanozyme with Tunable Activity. <i>Inorganic Chemistry</i> , 2019, 58, 1638-1646.	1.9	118
24	Chemical-staining based lateral flow immunoassay: A nanomaterials-free and ultra-simple tool for a small molecule detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 427-432.	4.0	34
25	Surface engineering of hierarchical Ni(OH) ₂ nanosheet@nanowire configuration toward superior urea electrolysis. <i>Electrochimica Acta</i> , 2018, 268, 211-217.	2.6	67
26	Traditional NiCo ₂ S ₄ Phase with Porous Nanosheets Array Topology on Carbon Cloth: A Flexible, Versatile and Fabulous Electrocatalyst for Overall Water and Urea Electrolysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 5011-5020.	3.2	164
27	Natural Sugar: A Green Assistance To Efficiently Exfoliate Inorganic Layered Nanomaterials. <i>Inorganic Chemistry</i> , 2018, 57, 5560-5566.	1.9	14
28	Highly sensitive furazolidone monitoring in milk by a signal amplified lateral flow assay based on magnetite nanoparticles labeled dual-probe. <i>Food Chemistry</i> , 2018, 261, 131-138.	4.2	82
29	Monolithic copper selenide submicron particulate film/copper foam anode catalyst for ultrasensitive electrochemical glucose sensing in human blood serum. <i>Journal of Materials Chemistry B</i> , 2018, 6, 718-724.	2.9	44
30	Label-free fluorescence aptasensor for sensitive determination of bisphenol S by the salt-adjusted FRET between CQDs and MoS ₂ . <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 717-724.	4.0	21
31	ssDNA-tailorable oxidase-mimicking activity of spinel MnCo ₂ O ₄ for sensitive biomolecular detection in food sample. <i>Sensors and Actuators B: Chemical</i> , 2018, 269, 79-87.	4.0	75
32	Highly sensitive detection of a small molecule by a paired labels recognition system based lateral flow assay. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3161-3170.	1.9	26
33	Fluorometric determination of dopamine by using molybdenum disulfide quantum dots. <i>Mikrochimica Acta</i> , 2018, 185, 234.	2.5	50
34	Ultra technically-simple and sensitive detection for Salmonella Enteritidis by immunochromatographic assay based on gold growth. <i>Food Control</i> , 2018, 84, 536-543.	2.8	87
35	Mechanism insight into rapid photocatalytic disinfection of Salmonella based on vanadate QDs-interspersed g-C ₃ N ₄ heterostructures. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 228-237.	10.8	165
36	Layered vanadium(IV) disulfide nanosheets as a peroxidase-like nanozyme for colorimetric detection of glucose. <i>Mikrochimica Acta</i> , 2018, 185, 7.	2.5	96

#	ARTICLE	IF	CITATIONS
37	An improved clenbuterol detection by immunochromatographic assay with bacteria@Au composite as signal amplifier. Food Chemistry, 2018, 262, 48-55.	4.2	49
38	A facile and green synthesis of CDs-MoS ₂ -Fe ₃ O ₄ nanohybrid for recyclable and enhanced photocatalysis in dye degradation. Materials Letters, 2018, 232, 167-170.	1.3	15
39	Antibiotic-loaded MoS ₂ nanosheets to combat bacterial resistance via biofilm inhibition. Nanotechnology, 2017, 28, 225101.	1.3	34
40	Agar Aerogel Containing Small-Sized Zeolitic Imidazolate Framework Loaded Carbon Nitride: A Solar-Triggered Regenerable Decontaminant for Convenient and Enhanced Water Purification. ACS Sustainable Chemistry and Engineering, 2017, 5, 9347-9354.	3.2	60
41	In-Situ Fixation of All-Inorganic MoS ₂ -FeS Clusters for the Highly Selective Removal of Lead(II). ACS Applied Materials & Interfaces, 2017, 9, 32720-32726.	4.0	65
42	Facet-selective response of trigger molecule to CeO ₂ {1 1 0} for up-regulating oxidase-like activity. Chemical Engineering Journal, 2017, 330, 746-752.	6.6	69