

Li Hou

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,577
citations

394421

19
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

2092
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Bead-Based Reverse Colorimetric Immunoassay Strategy for Sensing Biomolecules. <i>Analytical Chemistry</i> , 2013, 85, 6945-6952.	6.5	209
2	Enhanced Colorimetric Immunoassay Accompanying with Enzyme Cascade Amplification Strategy for Ultrasensitive Detection of Low-Abundance Protein. <i>Scientific Reports</i> , 2014, 4, 3966.	3.3	137
3	Tyramine-Based Enzymatic Conjugate Repeats for Ultrasensitive Immunoassay Accompanying Tyramine Signal Amplification with Enzymatic Biocatalytic Precipitation. <i>Analytical Chemistry</i> , 2014, 86, 8352-8358.	6.5	127
4	A label-free fluorescence assay for hydrogen peroxide and glucose based on the bifunctional MIL-53(Fe) nanozyme. <i>Chemical Communications</i> , 2018, 54, 1762-1765.	4.1	118
5	Multiplexed electrochemical immunoassay of biomarkers using metal sulfide quantum dot nanolabels and trifunctionalized magnetic beads. <i>Biosensors and Bioelectronics</i> , 2013, 46, 37-43.	10.1	117
6	A ratiometric multicolor fluorescence biosensor for visual detection of alkaline phosphatase activity via a smartphone. <i>Biosensors and Bioelectronics</i> , 2019, 143, 111605.	10.1	89
7	Hemin/G-quadruplex-based DNAzyme concatamers as electrocatalysts and biolabels for amplified electrochemical immunosensing of IgG1. <i>Chemical Communications</i> , 2012, 48, 8180.	4.1	72
8	DNAzyme-functionalized gold-palladium hybrid nanostructures for triple signal amplification of impedimetric immunosensor. <i>Biosensors and Bioelectronics</i> , 2014, 54, 365-371.	10.1	67
9	Bioresponsive controlled release from mesoporous silica nanocontainers with glucometer readout. <i>Chemical Communications</i> , 2014, 50, 1441-1443.	4.1	66
10	Graphene oxide-labeled sandwich-type impedimetric immunoassay with sensitive enhancement based on enzymatic 4-chloro-1-naphthol oxidation. <i>Biosensors and Bioelectronics</i> , 2013, 47, 149-156.	10.1	63
11	An ultrasensitive competitive immunosensor for impedimetric detection of microcystin-LR via antibody-conjugated enzymatic biocatalytic precipitation. <i>Sensors and Actuators B: Chemical</i> , 2016, 233, 63-70.	7.8	60
12	Amperometric aptasensor for saxitoxin using a gold electrode modified with carbon nanotubes on a self-assembled monolayer, and methylene blue as an electrochemical indicator probe. <i>Mikrochimica Acta</i> , 2016, 183, 1971-1980.	5.0	59
13	Displacement-type Quartz Crystal Microbalance Immunosensing Platform for Ultrasensitive Monitoring of Small Molecular Toxins. <i>Analytical Chemistry</i> , 2013, 85, 6958-6966.	6.5	54
14	HCR-stimulated formation of DNAzyme concatamers on gold nanoparticle for ultrasensitive impedimetric immunoassay. <i>Biosensors and Bioelectronics</i> , 2015, 68, 487-493.	10.1	53
15	Magneto-controlled electrochemical immunoassay of brevetoxin B in seafood based on guanine-functionalized graphene nanoribbons. <i>Biosensors and Bioelectronics</i> , 2012, 38, 86-93.	10.1	48
16	Simultaneous Multiplexed Stripping Voltammetric Monitoring of Marine Toxins in Seafood Based on Distinguishable Metal Nanocluster-Labeled Molecular Tags. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 8974-8982.	5.2	44
17	Progress and Trend on the Regulation Methods for Nanozyme Activity and Its Application. <i>Catalysts</i> , 2019, 9, 1057.	3.5	28
18	Intensity-Modulated Polymer Optical Fiber-Based Refractive Index Sensor: A Review. <i>Sensors</i> , 2022, 22, 81.	3.8	21

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19	A competitive immunoassay for electrochemical impedimetric determination of chlorpyrifos using a nanogold-modified glassy carbon electrode based on enzymatic biocatalytic precipitation. <i>Mikrochimica Acta</i> , 2020, 187, 204.	5.0	20
20	Hydrogen Sulfide Dual-Activated NIR-II Photoacoustic Probes for Accurate Imaging and Efficient Photothermal Therapy of Colon Cancer. <i>ACS Applied Bio Materials</i> , 2021, 4, 974-983.	4.6	18
21	Magnetic Cu/Fe ₃ O ₄ @FeOOH with intrinsic HRP-like activity at nearly neutral pH for one-step biosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3801-3810.	3.7	16
22	Accelerating the peroxidase-like activity of MoSe ₂ nanosheets at physiological pH by dextran modification. <i>Chemical Communications</i> , 2020, 56, 10847-10850.	4.1	15
23	Multifunctional carbon dots with near-infrared absorption and emission for targeted delivery of anticancer drugs, tumor tissue imaging and chemo/photothermal synergistic therapy. <i>Nanoscale Advances</i> , 2021, 3, 6869-6875.	4.6	12
24	Aptasensor for ATP based on analyte-induced dissociation of ferrocene-aptamer conjugates from manganese dioxide nanosheets on a screen-printed carbon electrode. <i>Mikrochimica Acta</i> , 2016, 183, 2705-2711.	5.0	11
25	Magneto-controlled fluorescent immunosensor for sensitive determination of biomarker via three-dimensional AuNCs/liposome networks. <i>Sensors and Actuators B: Chemical</i> , 2021, 342, 130075.	7.8	11
26	Application of Novel Nanomaterials for Chemo- and Biosensing of Algal Toxins in Shellfish and Water. , 2019, , 353-414.		10
27	Multicolor and photothermal dual-mode assay of alkaline phosphatase based on the UV light-assisted etching of gold nanorods. <i>Analytica Chimica Acta</i> , 2021, 1181, 338926.	5.4	10
28	A mitochondria-targeted ratiometric fluorescent nanoprobe for imaging of peroxynitrite in living cells. <i>Talanta</i> , 2021, 231, 122421.	5.5	9
29	A ratiometric electrochemical biosensor via alkaline phosphatase mediated dissolution of nano-MnO ₂ and Ru(III) redox recycling for the determination of dimethoate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 207, 114400.	2.8	8
30	Bacitracin-Functionalized Dextran-MoSe ₂ with Peroxidase-like and Near-Infrared Photothermal Activities for Low-Temperature and Synergetic Antibacterial Applications. <i>ACS Applied Bio Materials</i> , 2022, 5, 2347-2354.	4.6	5