

Tianran Lin

List of Publications by Year in descending order

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39
papers

2,541
citations

279798

23
h-index

315739

38
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all docs

39
docs citations

39
times ranked

3740
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeing diabetes: visual detection of glucose based on the intrinsic peroxidase-like activity of MoS ₂ nanosheets. <i>Nanoscale</i> , 2014, 6, 11856-11862.	5.6	341
2	Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2773-2777.	13.8	336
3	Visual detection of blood glucose based on peroxidase-like activity of WS ₂ nanosheets. <i>Biosensors and Bioelectronics</i> , 2014, 62, 302-307.	10.1	196
4	Graphite-like carbon nitrides as peroxidase mimetics and their applications to glucose detection. <i>Biosensors and Bioelectronics</i> , 2014, 59, 89-93.	10.1	173
5	Mussel-inspired polydopamine coated mesoporous silica nanoparticles as pH-sensitive nanocarriers for controlled release. <i>International Journal of Pharmaceutics</i> , 2014, 463, 22-26.	5.2	161
6	Fe ₃ O ₄ @MoS ₂ Core-Shell Composites: Preparation, Characterization, and Catalytic Application. <i>Journal of Physical Chemistry C</i> , 2015, 119, 13658-13664.	3.1	137
7	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
8	Visual Monitoring of Food Spoilage Based on Hydrolysis-Induced Silver Metallization of Au Nanorods. <i>Analytical Chemistry</i> , 2016, 88, 11022-11027.	6.5	91
9	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
10	Amplified colorimetric detection of mercuric ions through autonomous assembly of G-quadruplex DNAzyme nanowires. <i>Biosensors and Bioelectronics</i> , 2014, 52, 261-264.	10.1	78
11	Phenyl-doped graphitic carbon nitride: photoluminescence mechanism and latent fingerprint imaging. <i>Nanoscale</i> , 2017, 9, 17737-17742.	5.6	77
12	A sensitive colorimetric assay for cholesterol based on the peroxidase-like activity of MoS ₂ nanosheets. <i>Mikrochimica Acta</i> , 2017, 184, 1233-1237.	5.0	74
13	Invisible Security Ink Based on Water-Soluble Graphitic Carbon Nitride Quantum Dots. <i>Angewandte Chemie</i> , 2016, 128, 2823-2827.	2.0	69
14	Carbon Dots with Absorption Red-Shifting for Two-Photon Fluorescence Imaging of Tumor Tissue pH and Synergistic Phototherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35365-35375.	8.0	60
15	A bifunctional metal organic framework of type Fe(III)-BTC for cascade (enzymatic and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	5.0	55
16	Colorimetric biosensor for the assay of paraoxon in environmental water samples based on the iodine-starch color reaction. <i>Analytica Chimica Acta</i> , 2017, 967, 59-63.	5.4	51
17	Visual and colorimetric detection of p-aminophenol in environmental water and human urine samples based on anisotropic growth of Ag nanoshells on Au nanorods. <i>Talanta</i> , 2016, 148, 62-68.	5.5	48
18	Colorimetric detection of benzoyl peroxide based on the etching of silver nanoshells of Au@Ag nanorods. <i>Sensors and Actuators B: Chemical</i> , 2018, 261, 379-384.	7.8	41

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19	Colorimetric detection of blood glucose based on GOx@ZIF-8@Fe-polydopamine cascade reaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 240-247.	3.9	39
20	Boron- and phenyl-codoped graphitic carbon nitride with greatly enhanced light responsive range for photocatalytic disinfection. <i>Journal of Hazardous Materials</i> , 2018, 358, 62-68.	12.4	32
21	Colorimetric detection of residual hydrogen peroxide in soaked food based on Au@Ag nanorods. <i>Analytical Methods</i> , 2018, 10, 504-507.	2.7	29
22	Progress and Trend on the Regulation Methods for Nanozyme Activity and Its Application. <i>Catalysts</i> , 2019, 9, 1057.	3.5	28
23	Michael reaction-assisted fluorescent sensor for selective and one step determination of catechol via bifunctional Fe-MIL-88NH ₂ nanozyme. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128547.	7.8	27
24	Colorimetric assay of copper ions based on the inhibition of peroxidase-like activity of MoS ₂ nanosheets. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 271-275.	3.9	22
25	Colorimetric Sensing of Glyphosate in Environmental Water Based on Peroxidase Mimetic Activity of MoS ₂ Nanosheets. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5730-5734.	0.9	20
26	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
27	Magnetic beads based colorimetric detection of mercuric ion. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 600-604.	7.8	16
28	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
29	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
30	A self-correcting fluorescent assay of tyrosinase based on Fe-MIL-88B-NH ₂ nanozyme. <i>Mikrochimica Acta</i> , 2021, 188, 158.	5.0	15
31	Colorimetric detection of thioglycolic acid based on the enhanced Fe ³⁺ ions Fenton reaction. <i>Microchemical Journal</i> , 2019, 144, 190-194.	4.5	14
32	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
33	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
34	A mitochondria-targeted ratiometric fluorescent nanoprobe for imaging of peroxynitrite in living cells. <i>Talanta</i> , 2021, 231, 122421.	5.5	9
35	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
36	Boron- and Phenyl-Doped Graphitic Carbon Nitride (g-C ₃ N ₄) Nanosheets for Colorimetric Detection of Hydrogen Peroxide in Soaked Foods. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4220-4227.	0.9	6

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37	Bacitracin-Functionalized Dextran-MoSe ₂ with Peroxidase-like and Near-Infrared Photothermal Activities for Low-Temperature and Synergetic Antibacterial Applications. ACS Applied Bio Materials, 2022, 5, 2347-2354.	4.6	5
38	Fluorescence measurements, imaging and counting by a smartphone. , 2021, , 57-72.		2
39	A FRET ratiometric fluorescence biosensor for the selective determination of pyrophosphate ion and pyrophosphatase activity based on difunctional Cu-MOF nanozyme. Biosensors and Bioelectronics: X, 2022, 10, 100101.	1.7	2