

Yongxin Li

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,015
citations

331670

21
h-index

477307

29
g-index

49
all docs

49
docs citations

49
times ranked

1051
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled self-assembly of small molecule probes and the related applications in bioanalysis. <i>Biosensors and Bioelectronics</i> , 2016, 76, 38-53.	10.1	60
2	Fluorescence turn-on detection of alkaline phosphatase activity based on controlled release of PEI-capped Cu nanoclusters from MnO ₂ nanosheets. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 4771-4778.	3.7	54
3	Chemiluminescence Detection of a Protein through the Aptamer-Controlled Catalysis of a Porphyrin Probe. <i>Analytical Chemistry</i> , 2015, 87, 8336-8341.	6.5	52
4	Electrospun Nanofibers: Current Progress and Applications in Food Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 1391-1409.	5.2	49
5	A novel selective detection method for sulfide in food systems based on the GMP-Cu nanozyme with laccase activity. <i>Talanta</i> , 2021, 235, 122775.	5.5	43
6	Efficient elimination and detection of phenolic compounds in juice using laccase mimicking nanozymes. <i>Chinese Journal of Chemical Engineering</i> , 2021, 29, 167-175.	3.5	39
7	Fluorescence strategy for sensitive detection of adenosine triphosphate in terms of evaluating meat freshness. <i>Food Chemistry</i> , 2019, 270, 573-578.	8.2	38
8	Superhydrophobic and Corrosion-Resistant Electrospun Hybrid Membrane for High-Efficiency Electromagnetic Interference Shielding. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2067-2078.	4.3	32
9	A facile method for detection of alkaline phosphatase activity based on the turn-on fluorescence of resorufin. <i>Analytical Methods</i> , 2014, 6, 6105-6109.	2.7	31
10	A turn-on fluorescent BOPHY probe for Cu ²⁺ ion detection. <i>New Journal of Chemistry</i> , 2018, 42, 2520-2525.	2.8	31
11	Fluorometric and colorimetric analysis of alkaline phosphatase activity based on a nucleotide coordinated copper ion mimicking polyphenol oxidase. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6508-6514.	5.8	31
12	Silver nanoclusters capped silica nanoparticles as a ratiometric photoluminescence nanosensor for the selective detection of I ⁻ and S ²⁻ . <i>Analytica Chimica Acta</i> , 2017, 988, 74-80.	5.4	30
13	Current research progress on laccase-like nanomaterials. <i>New Journal of Chemistry</i> , 2022, 46, 3541-3550.	2.8	30
14	Detection of bisphenol A in food packaging based on fluorescent conjugated polymer PPESO3 and enzyme system. <i>Food Chemistry</i> , 2015, 185, 233-238.	8.2	28
15	Fluorescence detection of dopamine based on the polyphenol oxidase "mimicking enzyme. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5291-5297.	3.7	28
16	Luminescent Rhenium(I) "Polypyridine Complexes Appended with a Perylene Diimide or Benzoperylene Monoimide Moiety: Photophysics, Intracellular Sensing, and Photocytotoxic Activity. <i>Chemistry - A European Journal</i> , 2019, 25, 8970-8974.	3.3	26
17	Highly sensitive detection of bisphenol A in food packaging based on graphene quantum dots and peroxidase. <i>Analytical Methods</i> , 2015, 7, 2928-2935.	2.7	25
18	Nucleic acid-controlled quantum dots aggregation: A label-free fluorescence turn-on strategy for alkaline phosphatase detection. <i>Talanta</i> , 2017, 169, 64-69.	5.5	25

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19	Benzo[ghi]perylene and coronene as ratiometric fluorescence probes for the selective sensing of nitroaromatic explosives. <i>Talanta</i> , 2020, 207, 120316.	5.5	25
20	Gallic Acid/2-Hydroxypropyl- β -cyclodextrin Inclusion Complexes Electrospun Nanofibrous Webs: Fast Dissolution, Improved Aqueous Solubility and Antioxidant Property of Gallic Acid. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 450-455.	2.6	24
21	Detection of choline and hydrogen peroxide in infant formula milk powder with near infrared upconverting luminescent nanoparticles. <i>Food Chemistry</i> , 2019, 270, 415-419.	8.2	22
22	Label-free fluorescence turn-on detection of microRNA based on duplex-specific nuclease and a perylene probe. <i>Analytica Chimica Acta</i> , 2015, 895, 89-94.	5.4	20
23	A fluorescence turn-on detection of copper(II) based on the template-dependent click ligation of oligonucleotides. <i>Talanta</i> , 2015, 132, 72-76.	5.5	18
24	A real-time fluorescence turn-on assay for acetylcholinesterase activity based on the controlled release of a perylene probe from MnO ₂ nanosheets. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4691-4694.	5.5	18
25	Metal coordination polymer induced perylene probe excimer fluorescence and its application in acetylcholinesterase sensing and alpha-fetoprotein immunoassay. <i>Analyst</i> , 2019, 144, 2034-2041.	3.5	17
26	Complete Lifecycle Available, Lightweight and Flexible Hierarchical Structured Bi ₂ WO ₆ /WO ₃ /PAN Nanofibrous Membrane for X-Ray Shielding and Photocatalytic Degradation. <i>Advanced Materials Interfaces</i> , 2021, 8, 2002131.	3.7	17
27	Colorimetric logic gate for protamine and trypsin based on the Bpy-Cu nanozyme with laccase-like activity. <i>Sensors and Actuators B: Chemical</i> , 2022, 357, 131429.	7.8	17
28	Sensitive chemical sensor array based on nanozymes for discrimination of metal ions and teas. <i>Luminescence</i> , 2020, 35, 321-327.	2.9	16
29	One-step cascade detection of glucose at neutral pH based on oxidase-integrated copper metal-organic framework composites. <i>New Journal of Chemistry</i> , 2020, 44, 12741-12747.	2.8	16
30	Choline sensing based on in situ polymerization of aniline on the surface of upconverting nanoparticles. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7861-7865.	5.8	14
31	pH-controlled fluorescence changes in a novel semiconducting polymer dot/pyrogallol system and a multifunctional sensing strategy for urea, urease, and pesticides. <i>Analytical Methods</i> , 2017, 9, 6669-6674.	2.7	13
32	Polyphosphoric acid-induced perylene probe self-assembly and label-free fluorescence turn-on detection of alkaline phosphatase. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1031-1036.	3.7	13
33	Determination of catechin and glutathione using copper aspartate nanofibers with multiple enzyme-like activities. <i>Mikrochimica Acta</i> , 2022, 189, 61.	5.0	13
34	Synthesis of silica nanoparticles doped with [Ru(bpy) ₃] ²⁺ and decorated with silver nanoclusters for the ratiometric photoluminescent determination and intracellular imaging of Cu(II) ions. <i>Mikrochimica Acta</i> , 2017, 184, 2325-2331.	5.0	12
35	Choline Oxidase-Integrated Copper Metal-Organic Frameworks as Cascade Nanozymes for One-Step Colorimetric Choline Detection. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 5228-5236.	5.2	12
36	Multifunctional PAN/Al-ZnO/Ag Nanofibers for Infrared Stealth, Self-Cleaning, and Antibacterial Applications. <i>ACS Applied Nano Materials</i> , 2022, 5, 782-790.	5.0	10

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37	Development of a fluorescence sensor array for the discrimination of metal ions and brands of packaged water based on gallate-modified polymer dots. <i>Analytical Methods</i> , 2019, 11, 3168-3174.	2.7	9
38	Adsorption and Visible Light Photocatalytic Degradation of Electrospun PAN@W18O49 Nanofibers. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 428-435.	2.6	9
39	Identification of milk adulteration by a sensor array based on cationic polymer induced aggregation of a perylene probe. <i>Food Chemistry</i> , 2021, 343, 128492.	8.2	8
40	Determination of Cu ²⁺ and biothiols by novel red fluorescent hybrid nanoparticles. <i>Analytical Methods</i> , 2018, 10, 2560-2566.	2.7	7
41	A Graphene Quantum Dots-Enzyme Hybrid System for the Fluorescence Assay of Alkaline Phosphatase Activity and Inhibitor Screening. <i>Analytical Sciences</i> , 2018, 34, 131-136.	1.6	7
42	A colorimetric sensor array based on natural pigments for the discrimination of saccharides. <i>Luminescence</i> , 2020, 35, 960-968.	2.9	5
43	Investigations on the micellization of amphiphilic dendritic copolymers: From unimers to micelles. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 609-614.	9.4	4
44	A label free Ag ⁺ sensing method via in situ formation of metal coordination polymer. <i>Analytical Biochemistry</i> , 2018, 549, 21-25.	2.4	4
45	Protein discrimination based on DNA induced perylene probe self-assembly. <i>Talanta</i> , 2021, 224, 121897.	5.5	4
46	Allicin-Loaded Electrospun PVP/PVB Nanofibrous Films with Superior Water Absorption and Water Stability for Antimicrobial Food Packaging. <i>ACS Food Science & Technology</i> , 2022, 2, 941-950.	2.7	3
47	Water-/Oil-Repellent Polyacrylonitrile Nanofiber Air Filter Modified with Silica Nanoparticles and Fluorine Compounds. <i>ACS Applied Nano Materials</i> , 2022, 5, 8131-8141.	5.0	3
48	An efficient differential sensing strategy for phenolic pollutants based on a nanozyme with polyphenol oxidase activity. <i>Luminescence</i> , 2022, 37, 1414-1426.	2.9	2
49	Surfactant and alcohol induced disaggregation of perylene probes and a novel sensing strategy for distinguishing the brand and authenticity of makeup removers. <i>New Journal of Chemistry</i> , 2020, 44, 17483-17493.	2.8	1