

Ying Yu

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,573
citations

279798

23
h-index

315739

38
g-index

61
all docs

61
docs citations

61
times ranked

2029
citing authors

#	ARTICLE	IF	CITATIONS
1	Point-of-care testing for streptomycin based on aptamer recognizing and digital image colorimetry by smartphone. <i>Biosensors and Bioelectronics</i> , 2018, 100, 482-489.	10.1	125
2	2-Fold Interpenetrating Bifunctional Cd-Metal-Organic Frameworks: Highly Selective Adsorption for CO ₂ and Sensitive Luminescent Sensing of Nitro Aromatic 2,4,6-Trinitrophenol. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 4701-4708.	8.0	113
3	Modification-free carbon dots as turn-on fluorescence probe for detection of organophosphorus pesticides. <i>Food Chemistry</i> , 2018, 245, 1176-1182.	8.2	113
4	Turn-on sensor for quantification and imaging of acetamiprid residues based on quantum dots functionalized with aptamer. <i>Sensors and Actuators B: Chemical</i> , 2016, 229, 100-109.	7.8	98
5	A Highly Selective and Sensitive Fluorescence Detection Method of Glyphosate Based on an Immune Reaction Strategy of Carbon Dot Labeled Antibody and Antigen Magnetic Beads. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6042-6050.	5.2	89
6	A ratiometric fluorescent probe based on sulfur quantum dots and calcium ion for sensitive and visual detection of doxycycline in food. <i>Food Chemistry</i> , 2021, 356, 129720.	8.2	60
7	Rationally Designed 2D Covalent Organic Framework with a Brick-Wall Topology. <i>ACS Macro Letters</i> , 2016, 5, 1348-1352.	4.8	59
8	A sensitive determination of albumin in urine by molecularly imprinted electrochemical biosensor based on dual-signal strategy. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 564-570.	7.8	59
9	Pillar-Layered Metal-Organic Framework with Sieving Effect and Pore Space Partition for Effective Separation of Mixed Gas C ₂ H ₂ /C ₂ H ₄ . <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 29374-29379.	8.0	50
10	Electrochemical sensor integrated microfluidic device for sensitive and simultaneous quantification of dopamine and 5-hydroxytryptamine. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 873-883.	7.8	49
11	Monolayer g-C ₃ N ₄ Fluorescent Sensor for Sensitive and Selective Colorimetric Detection of Silver ion from Aqueous Samples. <i>Journal of Fluorescence</i> , 2016, 26, 739-744.	2.5	48
12	Synthesis of functionalized CdTe/CdS QDs for spectrofluorimetric detection of BSA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 1356-1361.	3.9	45
13	Ultrasensitive electrochemiluminescence detection of Staphylococcus aureus via enzyme-free branched DNA signal amplification probe. <i>Biosensors and Bioelectronics</i> , 2018, 117, 830-837.	10.1	35
14	Development of Novel Quantum Dots as Fluorescent Sensors for Application in Highly Sensitive Spectrofluorimetric Determination of Cu ²⁺ . <i>Analytical Letters</i> , 2006, 39, 1201-1209.	1.8	34
15	A ratiometric nanoprobe based on silver nanoclusters and carbon dots for the fluorescent detection of biothiols. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 195, 230-235.	3.9	34
16	Europium(III) modified silicone nanoparticles for ultrasensitive visual determination of tetracyclines by employing a fluorescence color switch. <i>Mikrochimica Acta</i> , 2019, 186, 442.	5.0	34
17	Dual-mode of electrochemical-colorimetric imprinted sensing strategy based on self-sacrifice beacon for diversified determination of cardiac troponin I in serum. <i>Biosensors and Bioelectronics</i> , 2020, 167, 112502.	10.1	33
18	Copper nanoclusters reversible switches based on ions-triggered for detection of inorganic pyrophosphatase activity. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 36-44.	7.8	32

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19	Nanozyme based on CoFe ₂ O ₄ modified with MoS ₂ for colorimetric determination of cysteine and glutathione. <i>Mikrochimica Acta</i> , 2021, 188, 65.	5.0	32
20	Fluorescence Determination of Omethoate Based on a Dual Strategy for Improving Sensitivity. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3065-3073.	5.2	30
21	Precise detection of prostate specific antigen in serum: A surface molecular imprinted sensor based on novel cooperated signal amplification strategy. <i>Sensors and Actuators B: Chemical</i> , 2020, 302, 126998.	7.8	29
22	Preparation and application of functionalized nanoparticles of CdSe capped with 11-mercaptopundecanoic acid as a fluorescence probe. <i>Talanta</i> , 2006, 70, 902-906.	5.5	25
23	Two Schiff base ligands for distinguishing Zn ^{II} /Cd ^{II} sensing effect of substituent on fluorescent sensing. <i>RSC Advances</i> , 2015, 5, 27682-27689.	3.6	23
24	A novel signal amplification strategy based on the use of copper nanoclusters for ratiometric fluorimetric determination of o-phenylenediamine. <i>Mikrochimica Acta</i> , 2019, 186, 206.	5.0	23
25	A ratiometric fluorescence probe based on graphene quantum dots and o-phenylenediamine for highly sensitive detection of acetylcholinesterase activity. <i>Mikrochimica Acta</i> , 2020, 187, 511.	5.0	21
26	A multifunctional probe based on the use of labeled aptamer and magnetic nanoparticles for fluorometric determination of adenosine 5'-triphosphate. <i>Mikrochimica Acta</i> , 2018, 185, 243.	5.0	19
27	Synthesis and application of intercellular Ca ²⁺ -sensitive fluorescent probe based on quantum dots. <i>Journal of Inorganic Biochemistry</i> , 2013, 118, 39-47.	3.5	17
28	Imaging of jasmonic acid binding sites in tissue. <i>Analytical Biochemistry</i> , 2013, 440, 205-211.	2.4	16
29	Recognition of DNA based on changes in the fluorescence intensity of CdSe/CD QDs-phenanthroline systems. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 75, 1617-1623.	3.9	13
30	In situ detection of salicylic acid binding sites in plant tissues. <i>Luminescence</i> , 2015, 30, 18-25.	2.9	13
31	In-situ visual and ultrasensitive detection of phosmet using a fluorescent immunoassay probe. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 915-922.	7.8	13
32	Silicon nanoparticles synthesized using a microwave method and used as a label-free fluorescent probe for detection of VB ₁₂ . <i>Luminescence</i> , 2019, 34, 544-552.	2.9	13
33	Cucurbit[6]uril modified CdTe quantum dots fluorescent probe and its selective analysis of p-nitroaniline in environmental samples. <i>Talanta</i> , 2019, 199, 667-673.	5.5	13
34	Spontaneous resolution of lanthanide coordination polymers with 2-hydroxypyrimidine-4,6-dicarboxylic acid. <i>CrystEngComm</i> , 2012, 14, 1264-1270.	2.6	12
35	A label-free fluorescent probe for the detection of adenosine 5'-triphosphate via inhibiting the aggregation-induced emission enhancement of glutathione modified silver nanoclusters triggered by zinc ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 360-365.	3.9	12
36	Analysis of metalaxyl racemate using high performance liquid chromatography coupled with four kinds of detectors. <i>Journal of Chromatography A</i> , 2016, 1467, 246-254.	3.7	11

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37	A novel universal signal amplification probe-based electrochemiluminescence assay for sensitive detection of pathogenic bacteria. <i>Electrochemistry Communications</i> , 2017, 85, 11-14.	4.7	11
38	Redox-Responsive Breakup of a Nucleic Acids@CoOOH Nanocomplex Triggering Cascade Recycling Amplification for Sensitive Sensing of Alkaline Phosphatase. <i>Analytical Chemistry</i> , 2022, 94, 6711-6718.	6.5	11
39	Permethylated- β -Cyclodextrin Capped CdTe Quantum Dot and its Sensitive Fluorescence Analysis of Malachite Green. <i>Journal of Fluorescence</i> , 2015, 25, 1397-1402.	2.5	10
40	Voltammetric determination of nonylphenol using a glassy carbon electrode modified with a nanocomposite consisting of CTAB, Fe ₃ O ₄ nanoparticles and reduced graphene oxide. <i>Mikrochimica Acta</i> , 2017, 184, 533-540.	5.0	10
41	4-((E)-2-phenylethenyl)-6-bis(2-pyrazinyl)pyridine and its Dichlorocadmium(II) Complex: Synthesis, Luminescence, and Supramolecular Network. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 2475-2480.	1.2	9
42	Visualization of hormone binding proteins in vivo based on Mn-doped CdTe QDs. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 131, 9-16.	3.9	9
43	APPLICATION OF AN ALKALOID AS A NOVEL FLUORESCENCE PROBE IN THE DETERMINATION OF DNA. <i>Analytical Letters</i> , 2001, 34, 2659-2669.	1.8	6
44	Preparation and Characterization of Metolachlor Molecularly Imprinted Polymer Coating on Stainless Steel Fibers for Solid-Phase Microextraction. <i>Analytical Letters</i> , 2011, 44, 1358-1370.	1.8	6
45	Tunable and Nontoxic Fluorescent Probes Based on Carbon Dots for Imaging of Indole Propionic Acid Receptor in Plant Tissues in Situ. <i>Journal of Fluorescence</i> , 2017, 27, 1495-1503.	2.5	6
46	Modification of Cu ₃ (BTC) ₂ with Cobalt Ion for Adsorption and Visualized Detection of Formaldehyde Gas. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5783.	3.5	6
47	A ratiometric fluorescence strategy based on inner filter effect for Cu ²⁺ -mediated detection of acetylcholinesterase. <i>Mikrochimica Acta</i> , 2021, 188, 385.	5.0	6
48	A novel universal nanoplatfor for ratiometric fluorescence biosensing based on silver nanoclusters beacon. <i>Chemical Engineering Journal</i> , 2020, 391, 123526.	12.7	5
49	DNA cyclic assembling control in an electrochemical strategy with MoS ₂ @AuNPs for determination of kanamycin. <i>Mikrochimica Acta</i> , 2021, 188, 264.	5.0	5
50	Identification and Structural Elucidation of Vitamin D ₃ Metabolites in Human Urine Using LC-MS-MS. <i>Chromatographia</i> , 2009, 69, 103-109.	1.3	4
51	In situ fluorescence labelling of jasmonic acid binding sites in plant tissues with cadmium-free quantum dots. <i>IET Nanobiotechnology</i> , 2015, 9, 35-42.	3.8	4
52	A novel fluorescent strategy based on double modifications of metal organic framework material CAU-10-NH ₂ for low background and high sensitivity determination of H ₂ S. <i>Talanta</i> , 2021, 229, 122271.	5.5	4
53	Hydrophilic molecularly imprinted microspheres functionalized with amino and carboxyl groups for highly selective recognition of human hemoglobin in aqueous solution. <i>RSC Advances</i> , 2015, 5, 51392-51398.	3.6	3
54	In situ growth of MoS ₂ on three-dimensional porous carbon for sensitive electrochemical determination of bisphenol A. <i>Journal of Applied Electrochemistry</i> , 2021, 51, 307-316.	2.9	3

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55	Supramolecular isomerism in the hydrogen-bonded network of (5R,10R)-3,8-dihydroxy-5,10-diethoxy-5,10-dihydrochromeno[5,4,3-cde]chromene monohydrate. <i>Structural Chemistry</i> , 2007, 18, 697-701.	2.0	2
56	Construction of red-emitting QD probes and determination of indole-propionic acid binding sites in plant tissues. <i>Analytical Methods</i> , 2014, 6, 2331.	2.7	2
57	Structures and Photoluminescence of Two Coordination Polymers Based on 2-Hydroxypyrimidine-4,6-dicarboxylic Acid. <i>Journal of Chemical Crystallography</i> , 2016, 46, 128-136.	1.1	2
58	A novel signal amplification strategy for highly specific and nonenzymatic isothermal electrochemiluminescence detection of tumour markers. <i>Analytical Methods</i> , 2020, 12, 938-942.	2.7	2
59	First Coordination Polymer of 1,4-Dihydro-2,3-Quinoxalinedione in Ketoamine Tautomeric Form. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 637, n/a-n/a.	1.2	1
60	Encapsulating quantum dots with amino functionalized mesoporous hollow silica microspheres for the sensitive analysis of formaldehyde in seafood. <i>Analytical Methods</i> , 2016, 8, 4101-4107.	2.7	1