

# Xiu-Pei Yang

## List of Publications by Year in descending order

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45  
papers

1,653  
citations

304743

22  
h-index

302126

39  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Synthesis of Fluorescent Carbon Dots for Selective Detection of Tartrazine in Food Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6707-6714.	5.2	375
2	Preparation and characterization of Ti/SnO <sub>2</sub> •Sb <sub>2</sub> O <sub>3</sub> •Nb <sub>2</sub> O <sub>5</sub> /PbO <sub>2</sub> thin film as electrode material for the degradation of phenol. <i>Journal of Hazardous Materials</i> , 2009, 164, 367-373.	12.4	148
3	Water Stable [Tb <sup>4+</sup> ] Cluster-Based Metal-Organic Framework as Sensitive and Recyclable Luminescence Sensor of Quercetin. <i>Analytical Chemistry</i> , 2019, 91, 2595-2599.	6.5	91
4	A dual-functional colorimetric and fluorescent peptide-based probe for sequential detection of Cu <sup>2+</sup> and S <sup>2-</sup> in 100% aqueous buffered solutions and living cells. <i>Journal of Hazardous Materials</i> , 2021, 407, 124388.	12.4	74
5	Green synthesis of fluorescent N,S-carbon dots from bamboo leaf and the interaction with nitrophenol compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118462.	3.9	61
6	N,Cl co-doped fluorescent carbon dots as nanoprobe for detection of tartrazine in beverages. <i>Food Chemistry</i> , 2020, 310, 125832.	8.2	56
7	Synthesis of 1.4 nm ± Cyclodextrin-Protected Gold Nanoparticles for Luminescence Sensing of Mercury(II) with Picomolar Detection Limit. <i>Journal of Physical Chemistry C</i> , 2010, 114, 15995-16003.	3.1	51
8	Highly selective and sensitive detection of hydrogen sulfide in aqueous medium and live cells using peptide-based bioprobe to mimic the binding sites of the ceruloplasmin for Cu(II) ions. <i>Biosensors and Bioelectronics</i> , 2020, 163, 112283.	10.1	49
9	Controllable synthesis of boron-doped Zn-N-C single-atom nanozymes for the ultrasensitive colorimetric detection of p-phenylenediamine. <i>Biosensors and Bioelectronics</i> , 2022, 210, 114294.	10.1	44
10	Fe <sub>3</sub> O <sub>4</sub> /Carbon Nanodot Hybrid Nanoparticles for the Indirect Colorimetric Detection of Glutathione. <i>ACS Applied Nano Materials</i> , 2019, 2, 3951-3959.	5.0	42
11	Facile synthesis of fluorescent sulfur quantum dots for selective detection of p-nitrophenol in water samples. <i>Microchemical Journal</i> , 2021, 170, 106735.	4.5	36
12	Recyclable Luminescence Sensor for Dinotefuran in Water by Stable Cadmium-Organic Framework. <i>Analytical Chemistry</i> , 2021, 93, 6599-6603.	6.5	35
13	Green, Hydrothermal Synthesis of Fluorescent Carbon Nanodots from Gardenia, Enabling the Detection of Metronidazole in Pharmaceuticals and Rabbit Plasma. <i>Sensors</i> , 2018, 18, 964.	3.8	34
14	Cloud point extraction-flame atomic absorption spectrometry for pre-concentration and determination of trace amounts of silver ions in water samples. <i>Saudi Journal of Biological Sciences</i> , 2017, 24, 589-594.	3.8	33
15	Internal standard method for the measurement of doxorubicin and daunorubicin by capillary electrophoresis with in-column double optical-fiber LED-induced fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 118-124.	2.8	32
16	Ultrabright Full Color Carbon Dots by Fine-Tuning Crystal Morphology Controllable Synthesis for Multicolor Bioimaging and Sensing. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 27259-27268.	8.0	29
17	Facile synthesis of nitrogen-defective g-C <sub>3</sub> N <sub>4</sub> for superior photocatalytic degradation of rhodamine B. <i>RSC Advances</i> , 2021, 11, 30503-30509.	3.6	29
18	Fluorescence quenching for chloramphenicol detection in milk based on protein-stabilized Au nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 149, 615-620.	3.9	28

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19	Preparation and Biomedical Applications of Multicolor Carbon Dots: Recent Advances and Future Challenges. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 1900489.	2.3	27
20	Peptide-based colorimetric and fluorescent dual-functional probe for sequential detection of copper(II) and cyanide ions and its application in real water samples, test strips and living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 276, 121222.	3.9	27
21	A Fluorescence Probe for Tartrazine Detection in Foodstuff Samples Based on Fluorescence Resonance Energy Transfer. <i>Food Analytical Methods</i> , 2017, 10, 1308-1316.	2.6	26
22	Trace water accelerating the CO <sub>2</sub> cycloaddition reaction catalyzed by an indium-organic framework. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1694-1699.	6.0	24
23	Determination of three nitroimidazoles in rabbit plasma by two-step stacking in capillary zone electrophoresis featuring sweeping and micelle to solvent stacking. <i>Journal of Chromatography A</i> , 2014, 1325, 227-233.	3.7	23
24	Recent Progress on Gold-Nanocluster-Based Fluorescent Probe for Environmental Analysis and Biological Sensing. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-10.	1.6	23
25	Mass Spectrometric Identification of Water-Soluble Gold Nanocluster Fractions from Sequential Size-Selective Precipitation. <i>Analytical Chemistry</i> , 2012, 84, 1765-1771.	6.5	22
26	Determination of melamine in infant formulas by fluorescence quenching based on the functionalized Au nanoclusters. <i>Food Control</i> , 2016, 70, 286-292.	5.5	19
27	Identification of polycyclic aromatic hydrocarbons (PAHs) in soil by constant energy synchronous fluorescence detection. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 400-406.	3.9	18
28	Synthesis of fluorescent terbium-based metal-organic framework for quantitative detection of nitrite and ferric ions in water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119553.	3.9	18
29	Synthesis of N-acetyl-L-cysteine capped Mn-doped CdS quantum dots for quantitative detection of copper ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 455-461.	3.9	16
30	Tiopronin protected gold-silver bimetallic nanoclusters for sequential detection of Fe <sup>3+</sup> and ascorbic acid in serum. <i>Microchemical Journal</i> , 2022, 174, 107048.	4.5	16
31	A gold-silver bimetallic nanocluster-based fluorescent probe for cysteine detection in milk and apple. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 278, 121345.	3.9	16
32	Sweetsop-like Fe <sub>2</sub> O <sub>3</sub> @CoNi catalyst with superior peroxidase-like activity for sensitive and selective detection of hydroquinone. <i>RSC Advances</i> , 2021, 11, 24065-24071.	3.6	15
33	Mechanistic insights into the luminescent sensing of nitrophenol compounds by a cationic Zn-based metal-organic framework. <i>Dyes and Pigments</i> , 2022, 199, 110099.	3.7	15
34	Fe single atoms anchored on fluorine-doped ultrathin carbon nanosheets for sensitive colorimetric detection of p-phenylenediamine. <i>Talanta</i> , 2022, 246, 123487.	5.5	15
35	Pulsed multi-wavelength excitation using fiber-in-capillary light emitting diode induced fluorescence detection in capillary electrophoresis. <i>Talanta</i> , 2010, 83, 521-526.	5.5	11
36	Determination of doxorubicin in plasma by using CE coupled with in-column tapered optical fiber light emitting diode induced fluorescence detection. <i>Electrophoresis</i> , 2014, 35, 762-769.	2.4	11

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37	Aggregation induced emission of amino-thiol capped gold nanoparticles (GNPs) through metal-amino-coordination. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 183, 110335.	5.0	11
38	Selective Determination of Dopamine in Pharmaceuticals and Human Urine Using Carbon Quantum Dots as a Fluorescent Probe. <i>Processes</i> , 2021, 9, 170.	2.8	10
39	Enhanced light-emitting diode induced fluorescence detection system with capillary electrophoresis. <i>Journal of Chromatography A</i> , 2020, 1619, 460935.	3.7	9
40	Selective and sensitive detection of tartrazine in beverages by sulfur quantum dots with high fluorescence quantum yield. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121454.	3.9	9
41	Remediation of trichloroethylene by microscale zero-valent iron aged under various groundwater conditions: Removal mechanism and physicochemical transformation. <i>Science of the Total Environment</i> , 2021, 775, 145757.	8.0	7
42	Photoluminescence Quenching in Recyclable Water-Soluble Zn-Based Metal-Organic Framework Nanoflakes for Dichromate Sensing. <i>ACS Applied Nano Materials</i> , 2022, 5, 9223-9229.	5.0	7
43	Size-dependent electrophoretic migration and separation of water-soluble gold nanoclusters by capillary electrophoresis. <i>Electrophoresis</i> , 2019, 40, 1345-1352.	2.4	4
44	Structural and optical properties of penicillamine-protected gold nanocluster fractions separated by sequential size-selective fractionation. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 955-966.	2.8	4
45	A bifunctional peptide-based fluorescent probe for ratiometric and turn-on detection of Zn(II) ions and its application in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120653.	3.9	3