

Yong Wang

List of Publications by Year in descending order

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28
papers

1,240
citations

430843

18
h-index

526264

27
g-index

29
all docs

29
docs citations

29
times ranked

1894
citing authors

#	ARTICLE	IF	CITATIONS
1	Molybdenum Disulfide Quantum Dots as a Photoluminescence Sensing Platform for 2,4,6-Trinitrophenol Detection. <i>Analytical Chemistry</i> , 2014, 86, 7463-7470.	6.5	365
2	Facile Microwave-Assisted Solid-Phase Synthesis of Highly Fluorescent Nitrogen-Sulfur-Codoped Carbon Quantum Dots for Cellular Imaging Applications. <i>Chemistry - A European Journal</i> , 2015, 21, 13004-13011.	3.3	101
3	Combination of UV-vis spectroscopy and chemometrics to understand protein-nanomaterial conjugate: A case study on human serum albumin and gold nanoparticles. <i>Talanta</i> , 2014, 119, 320-330.	5.5	64
4	Electrochemical determination of 2,4,6-trinitrophenol using a hybrid film composed of a copper-based metal organic framework and electroreduced graphene oxide. <i>Mikrochimica Acta</i> , 2018, 185, 315.	5.0	60
5	An electrochemical sensor modified with nickel nanoparticle/nitrogen-doped carbon nanosheet nanocomposite for bisphenol A detection. <i>Journal of Alloys and Compounds</i> , 2020, 827, 154335.	5.5	58
6	Fabrication of riboflavin electrochemical sensor based on homoadenine single-stranded DNA/molybdenum disulfide-graphene nanocomposite modified gold electrode. <i>Journal of Electroanalytical Chemistry</i> , 2015, 736, 47-54.	3.8	52
7	Label-free photoluminescence assay for nitrofurantoin detection in lake water samples using adenosine-stabilized copper nanoclusters as nanoprobos. <i>Talanta</i> , 2018, 179, 409-413.	5.5	51
8	Green synthesis of luminescent graphitic carbon nitride quantum dots from human urine and its bioimaging application. <i>Talanta</i> , 2018, 188, 35-40.	5.5	47
9	A ratiometric electrochemical sensor for dopamine detection based on hierarchical manganese dioxide nanoflower/multiwalled carbon nanotube nanocomposite modified glassy carbon electrode. <i>Journal of Alloys and Compounds</i> , 2019, 802, 326-334.	5.5	47
10	Solid-phase synthesis of graphene quantum dots from the food additive citric acid under microwave irradiation and their use in live-cell imaging. <i>Luminescence</i> , 2016, 31, 746-753.	2.9	44
11	Enhancing sensitivity and selectivity in a label-free colorimetric sensor for detection of iron(II) ions with luminescent molybdenum disulfide nanosheet-based peroxidase mimetics. <i>Biosensors and Bioelectronics</i> , 2016, 80, 111-117.	10.1	43
12	Developing an electrochemical sensor for the detection of tert-butylhydroquinone. <i>Sensors and Actuators B: Chemical</i> , 2019, 293, 321-328.	7.8	43
13	Green Synthesis of Fluorescent Nitrogen-Sulfur Co-Doped Carbon Dots from Scallion Leaves for Hemin Sensing. <i>Analytical Letters</i> , 2020, 53, 1704-1718.	1.8	36
14	Simple self-referenced ratiometric electrochemical sensor for dopamine detection using electrochemically pretreated glassy carbon electrode modified by acid-treated multiwalled carbon nanotube. <i>Journal of Electroanalytical Chemistry</i> , 2019, 851, 113446.	3.8	34
15	Label-free fluorescent catalytic biosensor for highly sensitive and selective detection of the ferrous ion in water samples using a layered molybdenum disulfide nanozyme coupled with an advanced chemometric model. <i>Analyst</i> , 2016, 141, 1822-1829.	3.5	30
16	Cytidine-stabilized copper nanoclusters as a fluorescent probe for sensing of copper ions and hemin. <i>RSC Advances</i> , 2018, 8, 9057-9062.	3.6	22
17	Highly sensitive and selective biosensor for heparin detection with rhodamine B-labelled peptides as fluorescent bioreceptors. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126873.	7.8	21
18	Rapid, one-pot, protein-mediated green synthesis of water-soluble fluorescent nickel nanoclusters for sensitive and selective detection of tartrazine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 445-450.	3.9	20

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19	Adenine-stabilized carbon dots for highly sensitive and selective sensing of copper(II) ions and cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 239, 118531.	3.9	19
20	Dual-ratiometric electrochemical sensor for propyl gallate detection. <i>Journal of Electroanalytical Chemistry</i> , 2021, 880, 114817.	3.8	17
21	Nonenzymatic Amperometric Sensor for Nitrite Detection Based on a Nanocomposite Consisting of Nickel Hydroxide and Reduced Graphene Oxide. <i>Electroanalysis</i> , 2018, 30, 2916-2924.	2.9	15
22	Electropolymerization of poly(methylene blue) on flower-like nickel-based MOFs used for ratiometric electrochemical sensing of total polyphenolic content in chrysanthemum tea. <i>Analytical Methods</i> , 2021, 13, 1154-1163.	2.7	13
23	Synthesis-identification integration: One-pot hydrothermal preparation of fluorescent nitrogen-doped carbon nanodots for differentiating nucleobases with the aid of multivariate chemometrics analysis. <i>Talanta</i> , 2018, 185, 491-498.	5.5	11
24	Electrochemical Determination of Hydrogen Peroxide Using a Glassy Carbon Electrode Modified with Three-Dimensional Copper Hydroxide Nanosupercages and Electrochemically Reduced Graphene Oxide. <i>Analytical Letters</i> , 2018, 51, 2441-2456.	1.8	10
25	Ratiometric electrochemical sensor for bisphenol A detection using a glassy carbon electrode modified with a poly(toluidine blue)/gold nanoparticle composite. <i>Analytical Methods</i> , 2021, 13, 5085-5092.	2.7	8
26	Ultrasensitive detection of silver(I) ions based on water-soluble micellized phosphorescent silver nanoclusters co-protected by 1,3-benzenedithiol and triphenylphosphine. <i>Sensors and Actuators B: Chemical</i> , 2022, 369, 132382.	7.8	5
27	Synthesis of Fluorescent Tremella-like Carbon Nanosheets and Their Application for Sensing of 2,4,6-trinitrophenol. <i>Analytical Letters</i> , 2020, 53, 72-83.	1.8	3
28	Isonicotinamide-Stabilized Gold Nanoclusters as Fluorescent Probes for the Determination of 2,4,6-Trinitrophenol. <i>Analytical Letters</i> , 0, , 1-10.	1.8	0