

Mingcong Rong

List of Publications by Year in descending order

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22
papers

1,798
citations

394421

19
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

2714
citing authors

#	ARTICLE	IF	CITATIONS
1	A Label-Free Fluorescence Sensing Approach for Selective and Sensitive Detection of 2,4,6-Trinitrophenol (TNP) in Aqueous Solution Using Graphitic Carbon Nitride Nanosheets. <i>Analytical Chemistry</i> , 2015, 87, 1288-1296.	6.5	301
2	Fluorescence sensing of chromium (VI) and ascorbic acid using graphitic carbon nitride nanosheets as a fluorescent "switch". <i>Biosensors and Bioelectronics</i> , 2015, 68, 210-217.	10.1	250
3	Intrinsic peroxidase-like catalytic activity of nitrogen-doped graphene quantum dots and their application in the colorimetric detection of H ₂ O ₂ and glucose. <i>Analytica Chimica Acta</i> , 2015, 869, 89-95.	5.4	245
4	A Phytic Acid Induced Superamphiphilic Multifunctional 3D Graphene-Based Foam. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3936-3941.	13.8	176
5	Dual-Mode Optical Thermometry Design in Lu ³⁺ /Al ⁵⁺ /O ₁₂ :Ce ³⁺ /Mn ⁴⁺ Phosphor. <i>Inorganic Chemistry</i> , 2020, 59, 1383-1392.	4.0	127
6	One-pot solid phase pyrolysis synthesis of nitrogen-doped carbon dots for Fe ³⁺ sensing and bioimaging. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 868-874.	7.8	93
7	Synthesis of highly fluorescent P,O-g-C ₃ N ₄ nanodots for the label-free detection of Cu ²⁺ and acetylcholinesterase activity. <i>Journal of Materials Chemistry C</i> , 2015, 3, 10916-10924.	5.5	79
8	A ratiometric fluorescence visual test paper for an anthrax biomarker based on functionalized manganese-doped carbon dots. <i>Sensors and Actuators B: Chemical</i> , 2018, 265, 498-505.	7.8	76
9	Europium-decorated graphene quantum dots as a fluorescent probe for label-free, rapid and sensitive detection of Cu ²⁺ and l-cysteine. <i>Analytica Chimica Acta</i> , 2015, 891, 261-268.	5.4	65
10	Study on the Ultrahigh Quantum Yield of Fluorescent P,O-g-C ₃ N ₄ Nanodots and its Application in Cell Imaging. <i>Chemistry - A European Journal</i> , 2016, 22, 9387-9395.	3.3	55
11	Hydrogen Peroxide-Assisted Ultrasonic Synthesis of BCNO QDs for Anthrax Biomarker Detection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2336-2343.	8.0	53
12	Facile preparation and applications of graphitic carbon nitride coating in solid-phase microextraction. <i>Journal of Chromatography A</i> , 2014, 1364, 53-58.	3.7	48
13	Ratiometric fluorometric determination of the anthrax biomarker 2,6-dipicolinic acid by using europium(III)-doped carbon dots in a test stripe. <i>Mikrochimica Acta</i> , 2018, 185, 201.	5.0	48
14	A cross-reactive sensor array for the fluorescence qualitative analysis of heavy metal ions. <i>Talanta</i> , 2014, 129, 296-302.	5.5	36
15	Determination of nickel(II) via quenching of the fluorescence of boron nitride quantum dots. <i>Mikrochimica Acta</i> , 2017, 184, 4217-4223.	5.0	30
16	Green-Emitting Carbon Dots as Fluorescent Probe for Nitrite Detection. <i>Journal of Analysis and Testing</i> , 2021, 5, 51-59.	5.1	24
17	Graphene oxide-assisted synthesis of N, S Co-doped carbon quantum dots for fluorescence detection of multiple heavy metal ions. <i>Talanta</i> , 2022, 241, 123224.	5.5	23
18	BCNO QDs and ROS synergistic oxidation effect on fluorescence enhancement sensing of tetracycline. <i>Sensors and Actuators B: Chemical</i> , 2021, 332, 129530.	7.8	22

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19	Ratiometric fluorescence detection of stringent ppGpp using Eu-MoS ₂ QDs test paper. <i>Sensors and Actuators B: Chemical</i> , 2020, 309, 127807.	7.8	21
20	A Phytic Acid Induced Superamphiphilic Multifunctional 3D Graphene-Based Foam. <i>Angewandte Chemie</i> , 2016, 128, 4004-4009.	2.0	14
21	A nanocomposite disk prepared from reduced graphene oxide and gold nanoparticles for the preconcentration of heterocyclic aromatic amines prior to their determination by HPLC. <i>Mikrochimica Acta</i> , 2014, 181, 821-828.	5.0	8
22	Determination of trace Pb(II), Cd(II) and Zn(II) using differential pulse stripping voltammetry without Hg modification. <i>Science China Chemistry</i> , 2013, 56, 1749-1756.	8.2	4