

Yongming Guo

List of Publications by Year in descending order

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29
papers

2,645
citations

304743

22
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

4108
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal synthesis of highly fluorescent carbon nanoparticles from sodium citrate and their use for the detection of mercury ions. <i>Carbon</i> , 2013, 52, 583-589.	10.3	483
2	Fluorescent carbon nanoparticles for the fluorescent detection of metal ions. <i>Biosensors and Bioelectronics</i> , 2015, 63, 61-71.	10.1	313
3	Colorimetric detection of mercury, lead and copper ions simultaneously using protein-functionalized gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4064-4069.	10.1	295
4	Label-Free Colorimetric Detection of Cadmium Ions in Rice Samples Using Gold Nanoparticles. <i>Analytical Chemistry</i> , 2014, 86, 8530-8534.	6.5	188
5	Fluorescent copper nanoparticles: recent advances in synthesis and applications for sensing metal ions. <i>Nanoscale</i> , 2016, 8, 4852-4863.	5.6	178
6	Nanomaterials for Ultrasensitive Protein Detection. <i>Advanced Materials</i> , 2013, 25, 3802-3819.	21.0	174
7	Thermal treatment of hair for the synthesis of sustainable carbon quantum dots and the applications for sensing Hg ²⁺ . <i>Scientific Reports</i> , 2016, 6, 35795.	3.3	124
8	Stable fluorescent gold nanoparticles for detection of Cu ²⁺ with good sensitivity and selectivity. <i>Analyst</i> , The, 2012, 137, 301-304.	3.5	109
9	Solid phase synthesis of nitrogen and phosphor co-doped carbon quantum dots for sensing Fe ³⁺ and the enhanced photocatalytic degradation of dyes. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 1105-1111.	7.8	96
10	Protein-directed synthesis of highly monodispersed, spherical gold nanoparticles and their applications in multidimensional sensing. <i>Scientific Reports</i> , 2016, 6, 28900.	3.3	73
11	MoS ₂ quantum dots: synthesis, properties and biological applications. <i>Materials Science and Engineering C</i> , 2020, 109, 110511.	7.3	70
12	Hydrothermal synthesis of nitrogen and boron doped carbon quantum dots with yellow-green emission for sensing Cr(VI), anti-counterfeiting and cell imaging. <i>RSC Advances</i> , 2017, 7, 48386-48393.	3.6	68
13	Nanomaterials for luminescent detection of water and humidity. <i>Analyst</i> , The, 2019, 144, 388-395.	3.5	58
14	Hydrothermal synthesis of highly fluorescent nitrogen-doped carbon quantum dots with good biocompatibility and the application for sensing ellagic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 240, 118580.	3.9	53
15	Rhodium-Catalyzed/Copper-Mediated Tandem C(sp ²)-H Alkynylation and Annulation: Synthesis of 11-Acylated Imidazo[1,2-a:3,4-a']dipyridin-5-ium-4-olates from 2-H-[1,2-Bipyridin]-2-ones and Propargyl Alcohols. <i>Organic Letters</i> , 2016, 18, 1064-1067.	4.6	49
16	Health impacts of air pollution in China. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	48
17	In situ formed nanomaterials for colorimetric and fluorescent sensing. <i>Coordination Chemistry Reviews</i> , 2019, 387, 249-261.	18.8	42
18	Nanomaterials for the optical detection of fluoride. <i>Nanoscale</i> , 2017, 9, 17667-17680.	5.6	39

#	ARTICLE	IF	CITATIONS
19	Hydrothermal synthesis of blue-emitting silicon quantum dots for fluorescent detection of hypochlorite in tap water. <i>Analytical Methods</i> , 2016, 8, 2723-2728.	2.7	33
20	Colorimetric detection of hypochlorite in tap water based on the oxidation of 3,3',5,5'-tetramethyl benzidine. <i>Analytical Methods</i> , 2015, 7, 4055-4058.	2.7	32
21	Nanocrystalline cellulose mediated seed-growth for ultra-robust colorimetric detection of hydrogen sulfide. <i>Nanoscale</i> , 2017, 9, 9811-9817.	5.6	28
22	Hepatoprotective phenylethanoid glycosides from <i>Cirsium setosum</i> . <i>Natural Product Research</i> , 2016, 30, 1824-1829.	1.8	22
23	Studies of the effect of halide ions on the fluorescence of quinine sulfate. <i>Luminescence</i> , 2019, 34, 450-455.	2.9	14
24	One-step hydrothermal synthesis of fluorescent silicon nanoparticles for sensing sulfide ions and cell imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 273, 121048.	3.9	12
25	The effects of colorimetric detection of heavy metal ions based on Au nanoparticles (NPs): size and shape—a case of Co ²⁺ . <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	2.3	11
26	Nanomaterials for fluorescent detection of curcumin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 265, 120359.	3.9	11
27	High-yield synthesis and fine-tuning aspect ratio of (200) faceted gold nanorods by the pH-adjusting method. <i>RSC Advances</i> , 2017, 7, 25469-25474.	3.6	8
28	ZnO quantum dots for fluorescent detection of environmental contaminants. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106800.	6.7	8
29	Impacts of electricity generation on air pollution: evidence from data on air quality index and six criteria pollutants. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	6