Yongming Guo

List of Publications by Year
in descending order

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29	2,645	304743 22	477307 29
papers	citations	h-index	g-index

29	29	29	4108
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanomaterials for fluorescent detection of curcumin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 265, 120359.	3.9	11
2	One-step hydrothermal synthesis of fluorescent silicon nanoparticles for sensing sulfide ions and cell imaging. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 273, 121048.	3.9	12
3	Health impacts of air pollution in China. Frontiers of Environmental Science and Engineering, 2021, 15, 1.	6.0	48
4	Impacts of electricity generation on air pollution: evidence from data on air quality index and six criteria pollutants. SN Applied Sciences, 2021, 3, 1.	2.9	6
5	ZnO quantum dots for fluorescent detection of environmental contaminants. Journal of Environmental Chemical Engineering, 2021, 9, 106800.	6.7	8
6	MoS2 quantum dots: synthesis, properties and biological applications. Materials Science and Engineering C, 2020, 109, 110511.	7.3	70
7	Hydrothermal synthesis of highly fluorescent nitrogen-doped carbon quantum dots with good biocompatibility and the application for sensing ellagic acid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 240, 118580.	3.9	53
8	Nanomaterials for luminescent detection of water and humidity. Analyst, The, 2019, 144, 388-395.	3.5	58
9	Studies of the effect of halide ions on the fluorescence of quinine sulfate. Luminescence, 2019, 34, 450-455.	2.9	14
10	In situ formed nanomaterials for colorimetric and fluorescent sensing. Coordination Chemistry Reviews, 2019, 387, 249-261.	18.8	42
11	Solid phase synthesis of nitrogen and phosphor co-doped carbon quantum dots for sensing Fe3+ and the enhanced photocatalytic degradation of dyes. Sensors and Actuators B: Chemical, 2018, 255, 1105-1111.	7.8	96
12	Nanocrystalline cellulose mediated seed-growth for ultra-robust colorimetric detection of hydrogen sulfide. Nanoscale, 2017, 9, 9811-9817.	5.6	28
13	Nanomaterials for the optical detection of fluoride. Nanoscale, 2017, 9, 17667-17680.	5.6	39
14	Hydrothermal synthesis of nitrogen and boron doped carbon quantum dots with yellow-green emission for sensing Cr(<scp>vi</scp>), anti-counterfeiting and cell imaging. RSC Advances, 2017, 7, 48386-48393.	3.6	68
15	High-yield synthesis and fine-tuning aspect ratio of (200) faceted gold nanorods by the pH-adjusting method. RSC Advances, 2017, 7, 25469-25474.	3.6	8
16	The effects of colorimetric detection of heavy metal ions based on Au nanoparticles (NPs): size and shapeâ€"a case of Co2+. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	11
17	Thermal treatment of hair for the synthesis of sustainable carbon quantum dots and the applications for sensing Hg2+. Scientific Reports, 2016, 6, 35795.	3.3	124
18	Protein-directed synthesis of highly monodispersed, spherical gold nanoparticles and their applications in multidimensional sensing. Scientific Reports, 2016, 6, 28900.	3.3	73

#	Article	IF	Citations
19	Hydrothermal synthesis of blue-emitting silicon quantum dots for fluorescent detection of hypochlorite in tap water. Analytical Methods, 2016, 8, 2723-2728.	2.7	33
20	Rhodium-Catalyzed/Copper-Mediated Tandem C(sp²)â€“H Alkynylation and Annulation: Synthesis of 11-Acylated Imidazo[1,2-a:3,4-aâ€²]dipyridin-5-ium-4-olates from 2H-[1,2â€²-Bipyridin]-2-ones and Propargyl Alcohols. Organic Letters, 2016, 18, 1064-1067.	4.6	49
21	Fluorescent copper nanoparticles: recent advances in synthesis and applications for sensing metal ions. Nanoscale, 2016, 8, 4852-4863.	5.6	178
22	Hepatoprotective phenylethanoid glycosides from Cirsium setosum. Natural Product Research, 2016, 30, 1824-1829.	1.8	22
23	Colorimetric detection of hypochlorite in tap water based on the oxidation of 3,3â€²,5,5â€²-tetramethyl benzidine. Analytical Methods, 2015, 7, 4055-4058.	2.7	32
24	Fluorescent carbon nanoparticles for the fluorescent detection of metal ions. Biosensors and Bioelectronics, 2015, 63, 61-71.	10.1	313
25	Label-Free Colorimetric Detection of Cadmium Ions in Rice Samples Using Gold Nanoparticles. Analytical Chemistry, 2014, 86, 8530-8534.	6.5	188
26	Hydrothermal synthesis of highly fluorescent carbon nanoparticles from sodium citrate and their use for the detection of mercury ions. Carbon, 2013, 52, 583-589.	10.3	483
27	Nanomaterials for Ultrasensitive Protein Detection. Advanced Materials, 2013, 25, 3802-3819.	21.0	174
28	Stable fluorescent gold nanoparticles for detection of Cu²⁺with good sensitivity and selectivity. Analyst, The, 2012, 137, 301-304.	3.5	109
29	Colorimetric detection of mercury, lead and copper ions simultaneously using protein-functionalized gold nanoparticles. Biosensors and Bioelectronics, 2011, 26, 4064-4069.	10.1	295