

# Guiye Shan

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

492  
citations

623734

14  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dots with molecular fluorescence and their application as a "turn-off" fluorescent probe for ferricyanide detection. <i>Scientific Reports</i> , 2019, 9, 10723.	3.3	53
2	A nanocomposite prepared from silver nanoparticles and carbon dots with peroxidase mimicking activity for colorimetric and SERS-based determination of uric acid. <i>Mikrochimica Acta</i> , 2019, 186, 644.	5.0	50
3	Multifunctional ZnO/Ag nanorod array as highly sensitive substrate for surface enhanced Raman detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 157-162.	5.0	48
4	Photothermal enhanced photocatalytic activity based on Ag-doped CuS nanocomposites. <i>Journal of Alloys and Compounds</i> , 2021, 864, 158591.	5.5	39
5	Glycosylated liposomes loading carbon dots for targeted recognition to HepG2 cells. <i>Talanta</i> , 2018, 182, 314-323.	5.5	33
6	ZIF-67-derived Co <sub>3</sub> O <sub>4</sub> hollow nanocage with efficient peroxidase mimicking characteristic for sensitive colorimetric biosensing of dopamine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 246, 119006.	3.9	33
7	Photothermal-enhanced tandem enzyme-like activity of Ag <sub>2-x</sub> Cu <sub>x</sub> S nanoparticles for one-step colorimetric glucose detection in unprocessed human urine. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127420.	7.8	32
8	Detection of label-free H <sub>2</sub> O <sub>2</sub> based on sensitive Au nanorods as sensor. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 327-330.	5.0	28
9	Laser-induced formation of Au/Pt nanorods with peroxidase mimicking and SERS enhancement properties for application to the colorimetric determination of H <sub>2</sub> O <sub>2</sub> . <i>Mikrochimica Acta</i> , 2018, 185, 445.	5.0	23
10	The detection of copper ions based on photothermal effect of cysteine modified Au nanorods. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 761-768.	7.8	20
11	SERS-active liposome@Ag/Au nanocomposite for NIR light-driven drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 150-159.	5.0	19
12	Colorimetric and Raman spectroscopic array for detection of hydrogen peroxide and glucose based on etching the silver shell of Au@Ag core-shell nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 802.	5.0	19
13	Amorphous Ag <sub>2-x</sub> Cu <sub>x</sub> S quantum dots: "all-in-one" theranostic nanomedicines for near-infrared fluorescence/photoacoustics dual-modal-imaging-guided photothermal therapy. <i>Chemical Engineering Journal</i> , 2020, 399, 125777.	12.7	19
14	Apo ferritin nanocages with Au nanoshell coating as drug carrier for multistimuli-responsive drug release. <i>Materials Science and Engineering C</i> , 2019, 95, 11-18.	7.3	17
15	Bidirectional Photochromism via Anchoring of Carbon Dots to TiO <sub>2</sub> Porous Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 6262-6267.	8.0	13
16	Biocompatible BSA-Ag <sub>2</sub> S nanoparticles for photothermal therapy of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 211, 112295.	5.0	13
17	First-principles study of electronic properties of Cu doped Ag <sub>2</sub> S. <i>Journal of Physics Condensed Matter</i> , 2018, 30, 425502.	1.8	10
18	Enhancing photoluminescence of carbon quantum dots doped PVA films with randomly dispersed silica microspheres. <i>Scientific Reports</i> , 2020, 10, 5710.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Photothermal-enhanced peroxidase-like activity of CDs/PBNPs for the detection of Fe <sup>3+</sup> and cholesterol in serum samples. <i>Mikrochimica Acta</i> , 2022, 189, 30.	5.0	7
20	Highly dispersive AuNCs/ChOx@ZIF-8/PEI nanocomplexes for fluorescent detection of cholesterol in human serum. <i>Mikrochimica Acta</i> , 2022, 189, 203.	5.0	7