

Liyun Ding

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3173696/publications.pdf>

Version: 2024-02-01

42
papers

721
citations

567247

15
h-index

552766

26
g-index

42
all docs

42
docs citations

42
times ranked

851
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel optical fiber glucose biosensor based on carbon quantum dots-glucose oxidase/cellulose acetate complex sensitive film. <i>Biosensors and Bioelectronics</i> , 2019, 146, 111760.	10.1	86
2	Graphene oxide-functionalized long period fiber grating for ultrafast label-free glucose biosensor. <i>Materials Science and Engineering C</i> , 2020, 107, 110329.	7.3	54
3	Preparation of Carbon Dots with High-Fluorescence Quantum Yield and Their Application in Dopamine Fluorescence Probe and Cellular Imaging. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-9.	2.7	50
4	Thermal Homeostasis Enabled by Dynamically Regulating the Passive Radiative Cooling and Solar Heating Based on a Thermochromic Hydrogel. <i>ACS Photonics</i> , 2021, 8, 2781-2790.	6.6	48
5	Thermoelectric Generator Using Space Cold Source. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33941-33945.	8.0	45
6	Nitric oxide optical fiber sensor based on exposed core fibers and CdTe/CdS quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 9-17.	7.8	39
7	Ultrasensitive NO Gas Sensor Based on the Graphene Oxide-Coated Long-Period Fiber Grating. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40868-40874.	8.0	36
8	Applications of carbon quantum dots to alleviate Cd ²⁺ phytotoxicity in Citrus maxima seedlings. <i>Chemosphere</i> , 2019, 236, 124385.	8.2	35
9	Detection of nitrite based on fluorescent carbon dots by the hydrothermal method with folic acid. <i>Royal Society Open Science</i> , 2018, 5, 172149.	2.4	34
10	A colorimetric detection of microRNA-148a in gastric cancer by gold nanoparticle-RNA conjugates. <i>Nanotechnology</i> , 2020, 31, 095501.	2.6	25
11	A Fiber Optic Biosensor Based on Hydrogel-Immobilized Enzyme Complex for Continuous Determination of Cholesterol and Glucose. <i>Applied Biochemistry and Biotechnology</i> , 2019, 187, 1569-1580.	2.9	24
12	Microstructured optical fiber based chloride ion sensing method for concrete health monitoring. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 763-769.	7.8	23
13	Synthesis and characterization of a novel nitric oxide fluorescent probe CdS-PMMA nanocomposite via in-situ bulk polymerization. <i>Materials Science and Engineering C</i> , 2014, 35, 29-35.	7.3	20
14	Immobilization of cholesterol oxidase on magnetic fluorescent core-shell-structured nanoparticles. <i>Materials Science and Engineering C</i> , 2015, 57, 31-37.	7.3	20
15	A real-time and highly sensitive fiber optic biosensor based on the carbon quantum dots for nitric oxide detection. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 405, 112963.	3.9	17
16	Fluorescent glucose sensing using CdTe/CdS quantum dots-glucose oxidase complex. <i>Analytical Methods</i> , 2016, 8, 2967-2970.	2.7	14
17	A Recyclable Optical Fiber Sensor Based on Fluorescent Carbon Dots for the Determination of Ferric Ion Concentrations. <i>Journal of Lightwave Technology</i> , 2019, 37, 4815-4822.	4.6	14
18	Thermal Stability of Drawing-Tower Grating Written in a Single Mode Fiber. <i>Journal of Lightwave Technology</i> , 2019, 37, 3073-3077.	4.6	14

#	ARTICLE	IF	CITATIONS
19	Importance of Internal Tensile Stress in Forming Low-Loss Fiber Draw-Tower Gratings. <i>Journal of Lightwave Technology</i> , 2020, 38, 1900-1904.	4.6	14
20	A thermally stable cooler for efficient passive radiative cooling throughout the day. <i>Optical Materials</i> , 2019, 92, 330-334.	3.6	13
21	A Sensitive Ammonia Sensor Using Long Period Fiber Grating Coated With Graphene Oxide/Cellulose Acetate. <i>IEEE Sensors Journal</i> , 2021, 21, 16691-16700.	4.7	13
22	Synthesis of Two Novel Water-Soluble Iron Phthalocyanines and Their Application in Fast Chromogenic Identification of Phenolic Pollutants. <i>Catalysis Letters</i> , 2014, 144, 487-497.	2.6	12
23	Integration of conductive reduced graphene oxide into microstructured optical fibres for optoelectronics applications. <i>Scientific Reports</i> , 2016, 6, 21682.	3.3	10
24	Synthesis of Fluorescent Carbon Quantum Dots and Their Application in the Plant Cell Imaging. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018, 33, 1546-1550.	1.0	8
25	Preparation of lucigenin-doped silica nanoparticles and their application in fiber optic chloride ion sensor. <i>Optical Materials</i> , 2019, 98, 109467.	3.6	8
26	A "Turn-On" Fluorescence Copper Biosensor Based on DNA Cleavage-Dependent Graphene Oxide-dsDNA-CdTe Quantum Dots Complex. <i>Sensors</i> , 2018, 18, 2605.	3.8	7
27	A Cholesterol Optical Fiber Sensor Based on CQDs-COD/CA Composite. <i>IEEE Sensors Journal</i> , 2022, 22, 6247-6255.	4.7	7
28	A Simple Cortisol Biosensor Based on AuNPs-DNA Aptamer Conjugate. <i>IEEE Sensors Journal</i> , 2022, 22, 12485-12492.	4.7	5
29	A fiber optic sensor for determination of 2,4-dichlorophenol based on iron(II) phthalocyanine catalysis. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2015, 30, 1317-1320.	1.0	4
30	Fluorescence detection for H ₂ PO ₄ - based on carbon dots/Fe ³⁺ composite. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 1226-1229.	1.0	4
31	An Optical Fiber Sensor Based on Fluorescence Lifetime for the Determination of Sulfate Ions. <i>Sensors</i> , 2021, 21, 954.	3.8	3
32	A fiber optic sensor for 2-chlorophenol analysis based on oxygen sensing system. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 1178-1182.	1.0	2
33	A novel fluorescence probe 9-(4-(1,2-diamine)benzene-N1-phenyl)acridine for nitric oxide determination. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 848-853.	1.0	2
34	Enhancing heterogeneous catalytic activity of iron (II) phthalocyanine by ethanol and its application in 2,4-dichlorophenol detection. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2014, 29, 567-571.	1.0	2
35	Characterization and saturable absorption property of graphene oxide on optical fiber by optical deposition. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2017, 32, 882-887.	1.0	2
36	A sensitive optic fiber sensor based on carbon dots fluorophore for ferric ion detection. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
37	Photorefractivity in a bi-functional polymer nanocomposites sensitized by CdS nanoparticle. Journal Wuhan University of Technology, Materials Science Edition, 2010, 25, 550-554.	1.0	1
38	Synthesis of hydrophilic P(VDF-TrFE) chloride sensitive polymer films for fluorescence sensing. Journal of Polymer Research, 2019, 26, 1.	2.4	1
39	A Versatile Optical Fiber Sensor Comprising an Excitation-Independent Carbon Quantum Dots/Cellulose Acetate Composite Film for Adrenaline Detection. IEEE Sensors Journal, 2021, 21, 10392-10399.	4.7	1
40	Adsorption of graphene oxide with cellulose acetate: insights from DFT. Molecular Physics, 0, , .	1.7	1
41	A fiber grating preparation method: Drawing tower grating by single laser pulse with the phase-mask technique. Optical Fiber Technology, 2022, 72, 102955.	2.7	1
42	Photorefractive effect in a CdS nanoparticles-sensitized polymer composite. Journal Wuhan University of Technology, Materials Science Edition, 2007, 22, 638-642.	1.0	0