

Liyun Ding

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

721
citations

567281
15
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552781
26
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all docs

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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. Journal of Lightwave Technology, 2020, 38, 1900-1904.	4.6	14
20	A thermally stable cooler for efficient passive radiative cooling throughout the day. Optical Materials, 2019, 92, 330-334.	3.6	13
21	A Sensitive Ammonia Sensor Using Long Period Fiber Grating Coated With Graphene Oxide/Cellulose Acetate. IEEE Sensors Journal, 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. Catalysis Letters, 2014, 144, 487-497.	2.6	12
23	Integration of conductive reduced graphene oxide into microstructured optical fibres for optoelectronics applications. Scientific Reports, 2016, 6, 21682.	3.3	10
24	Synthesis of Fluorescent Carbon Quantum Dots and Their Application in the Plant Cell Imaging. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 1546-1550.	1.0	8
25	Preparation of lucigenin-doped silica nanoparticles and their application in fiber optic chloride ion sensor. Optical Materials, 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. Sensors, 2018, 18, 2605.	3.8	7
27	A Cholesterol Optical Fiber Sensor Based on CQDs-COD/CA Composite. IEEE Sensors Journal, 2022, 22, 6247-6255.	4.7	7
28	A Simple Cortisol Biosensor Based on AuNPs-DNA Aptamer Conjugate. IEEE Sensors Journal, 2022, 22, 12485-12492.	4.7	5
29	A fiber optic sensor for determination of 2,4-dichlorophenol based on iron(II) phthalocyanine catalysis. Journal Wuhan University of Technology, Materials Science Edition, 2015, 30, 1317-1320.	1.0	4
30	Fluorescence detection for H ₂ PO ₄ - based on carbon dots/Fe ³⁺ composite. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 1226-1229.	1.0	4
31	An Optical Fiber Sensor Based on Fluorescence Lifetime for the Determination of Sulfate Ions. Sensors, 2021, 21, 954.	3.8	3
32	A fiber optic sensor for 2-chlorophenol analysis based on oxygen sensing system. Journal Wuhan University of Technology, Materials Science Edition, 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. Journal Wuhan University of Technology, Materials Science Edition, 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. Journal Wuhan University of Technology, Materials Science Edition, 2014, 29, 567-571.	1.0	2
35	Characterization and saturable absorption property of graphene oxide on optical fiber by optical deposition. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 882-887.	1.0	2
36	A sensitive optic fiber sensor based on carbon dots fluorophore for ferric ion detection. , 2018, , .		2

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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