

Dandan Sun

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

462
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	In-situ DNA hybridization detection with a reflective microfiber grating biosensor. <i>Biosensors and Bioelectronics</i> , 2014, 61, 541-546.	10.1	130
2	Magnetic molecularly imprinted electrochemical sensors: A review. <i>Analytica Chimica Acta</i> , 2020, 1106, 1-21.	5.4	73
3	Label-Free Detection of Cancer Biomarkers Using an In-Line Taper Fiber-Optic Interferometer and a Fiber Bragg Grating. <i>Sensors</i> , 2017, 17, 2559.	3.8	62
4	Label-Free Detection of DNA Hybridization Using a Reflective Microfiber Bragg Grating Biosensor With Self-Assembly Technique. <i>Journal of Lightwave Technology</i> , 2017, 35, 3354-3359.	4.6	43
5	Label-Free Thrombin Detection Using a Tapered Fiber-Optic Interferometric Aptasensor. <i>Journal of Lightwave Technology</i> , 2019, 37, 2756-2761.	4.6	43
6	Label-free detection of breast cancer biomarker using silica microfiber interferometry. <i>Optics Communications</i> , 2020, 463, 125375.	2.1	25
7	Surface molecularly imprinted magnetic MOFs: A novel platform coupled with magneto electrode for high throughput electrochemical sensing analysis of oxytetracycline in foods. <i>Food Chemistry</i> , 2021, 363, 130337.	8.2	22
8	A real-time response relative humidity sensor based on a loop microfiber coated with polyvinyl alcohol film. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 187, 110359.	5.0	15
9	Simultaneous measurement of temperature and relative humidity based on a twisted microfiber coated with nanomaterials. <i>Applied Optics</i> , 2021, 60, 3849.	1.8	13
10	On-Chip Detector Based on Supercontinuum Generation in Chalcogenide Waveguide. <i>Journal of Lightwave Technology</i> , 2021, 39, 3890-3895.	4.6	13
11	Relative humidity sensor based on U-shaped microfiber interferometer coated with MoS ₂ films. <i>Materials Letters</i> , 2021, 301, 130245.	2.6	9
12	Optical investigation of chalcogenide glass for on-chip integrated devices. <i>Results in Physics</i> , 2021, 28, 104552.	4.1	3
13	Fast response microfiber-optic pH sensor based on a polyaniline sensing layer. <i>Applied Optics</i> , 2020, 59, 11261.	1.8	3
14	A Microfiber Sensor for the Trace Copper Ions Detection Based on Ternary Sensitive film. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	3
15	Optical characterization of Ge ₁₁₅ As ₂₄ S ₆₄₅ glass for an on-chip supercontinuum. <i>Applied Optics</i> , 2021, 60, 5451.	1.8	2
16	Real-time Drug Delivery System Tracked Through an Optical Microfiber: Supporting Interface of Metal-Organic Framework. <i>Particle and Particle Systems Characterization</i> , 2022, 39, .	2.3	2
17	A fiber-optic ultraviolet sensor based on the evanescent field: Enhanced effects of black phosphorous film. <i>Optical Fiber Technology</i> , 2021, 67, 102747.	2.7	1