

Lidan Lu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

124
citations

1478505

6
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic framework/enzyme coated optical fibers as waveguide-based biosensors. Sensors and Actuators B: Chemical, 2019, 288, 12-19.	7.8	45
2	Enzyme-Embedded Metal-Organic Framework Colloidosomes via an Emulsion-Based Approach. Chemistry - an Asian Journal, 2018, 13, 2891-2896.	3.3	27
3	ZIF-8/Lipase Coated Tapered Optical Fiber Biosensor for the Detection of Triacylglycerides. IEEE Sensors Journal, 2020, 20, 14173-14180.	4.7	7
4	Nonlinear All-Optical Diffractive Deep Neural Network with 10.6 μ m Wavelength for Image Classification. International Journal of Optics, 2021, 2021, 1-16.	1.4	7
5	Angstrom-scale-porous plasmonic molybdenum oxide for ultrasensitive optical chemical sensing. Sensors and Actuators B: Chemical, 2021, 349, 130740.	7.8	7
6	Fano Resonance Ion Sensor Enabled by 2D Plasmonic Sub-Nanopores-Material. IEEE Sensors Journal, 2021, 21, 14776-14783.	4.7	6
7	Birefringent Interferometer Cascaded With PM-FBG for Multi-Parameter Testing. IEEE Sensors Journal, 2022, 22, 338-343.	4.7	6
8	Photoelectric hybrid convolution neural network with coherent nanophotonic circuits. Optical Engineering, 2021, 60, .	1.0	3
9	A Convolution Neural Network Implemented by Three 3 Å— 3 Photonic Integrated Reconfigurable Linear Processors. Photonics, 2022, 9, 80.	2.0	3
10	Highly Sensitive Optical Fiber Plasmonic Sensors by Integrating Hydrogen Doped Molybdenum Oxide. IEEE Sensors Journal, 2022, 22, 7734-7742.	4.7	3
11	Fiber Bragg grating-based measurement of random-rotation parameters. Applied Optics, 2017, 56, 211.	2.1	2
12	Random Rotational Entire-Angle Sensor Using Two Chemical Etching Intrinsic Fabry-Pérot Interferometers. IEEE Sensors Journal, 2018, 18, 6196-6202.	4.7	2
13	Fano Resonance in Directly Coupled Microresonators and Its High-Sensitivity Refractometric Sensing. IEEE Photonics Technology Letters, 2022, 34, 575-578.	2.5	2
14	Quantized photonic neural network modeling method based on microring modulators. Optical Engineering, 2022, 61, .	1.0	2
15	A Random-displacement Measurement by Combining a Magnetic Scale and Two Fiber Bragg Gratings. Journal of Visualized Experiments, 2019, , .	0.3	1
16	Optimization of optical convolution kernel of optoelectronic hybrid convolution neural network. Optoelectronics Letters, 2022, 18, 181-186.	0.8	1