

Shaoxiang Duan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

70
citations

1937685

4
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Label-Free Detection of DNA Hybridization Utilizing Dual S-Tapered Thin-Core Fiber Interferometer. Journal of Lightwave Technology, 2019, 37, 2762-2767.	4.6	17
2	Compact Magnetic Field Sensor Based on a Magnetic-Fluid-Integrated Fiber Interferometer. IEEE Magnetics Letters, 2019, 10, 1-5.	1.1	16
3	Hydrophobin HGFI-based fibre-optic biosensor for detection of antigen-antibody interaction. Nanophotonics, 2020, 9, 177-186.	6.0	14
4	Label-Free in-Situ Detection for DNA Hybridization Employing Grapefruit-Microstructured-Optical-Fiber-Based Microfluidic Whispering Gallery Mode Resonator. IEEE Sensors Journal, 2021, 21, 9148-9154.	4.7	9
5	Capillary-Fiber-Based All-in-Fiber Platform for Microfluid Sensing. IEEE Sensors Journal, 2021, 21, 22752-22757.	4.7	3
6	Hydrophobin HGFI assisted immunobiologic sensor based on a cascaded taper integrated ultra-long-period fiber grating. Biomedical Optics Express, 2021, 12, 2790.	2.9	3
7	Intensity-interrogated magnetic sensor based on S-tapered and multimode fiber integrated with ferrofluids. Applied Optics, 2021, 60, 10743.	1.8	3
8	Label-Free Biosensor Based on Coreless-Fiber-Coupled Microcavity for Protein Detection. IEEE Photonics Technology Letters, 2021, 33, 495-498.	2.5	2
9	Intensity-Interrogated Refractive Index Sensor Based on Exposed-Core Multicore Fiber Mach-Zehnder Interferometer. , 2019, , .		2
10	Intensity-interrogated magnetic field sensor with resolved temperature cross sensitivity based on down-fusion taper and S-taper integrated with magnetic fluids. Optical Engineering, 2019, 58, 1.	1.0	1
11	Corrections to "Label-Free Detection of DNA Hybridization Utilizing Dual S-Tapered Thin-Core Fiber Interferometer". Journal of Lightwave Technology, 2019, 37, 5158-5158.	4.6	0
12	Miniature Fiber-optic Modal Interferometer Based on Ultrasonic-Cutting Technique for Low-range Refractive Index Sensing. , 2021, , .		0