

Pablo Zubiarte

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

907
citations

687363

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h-index

940533

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g-index

20
all docs

20
docs citations

20
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	Femtomolar Detection by Nanocoated Fiber Label-Free Biosensors. ACS Sensors, 2018, 3, 936-943.	7.8	193
2	Optical sensors based on lossy-mode resonances. Sensors and Actuators B: Chemical, 2017, 240, 174-185.	7.8	182
3	A Comprehensive Review of Optical Fiber Refractometers: Toward a Standard Comparative Criterion. Laser and Photonics Reviews, 2019, 13, 1900094.	8.7	120
4	Giant sensitivity of optical fiber sensors by means of lossy mode resonance. Sensors and Actuators B: Chemical, 2016, 232, 660-665.	7.8	92
5	Is there a frontier in sensitivity with Lossy mode resonance (LMR) based refractometers?. Scientific Reports, 2017, 7, 10280.	3.3	57
6	Micro and Nanostructured Materials for the Development of Optical Fibre Sensors. Sensors, 2017, 17, 2312.	3.8	48
7	Optimization in nanocoated D-shaped optical fiber sensors. Optics Express, 2017, 25, 10743.	3.4	47
8	Fiber-based early diagnosis of venous thromboembolic disease by label-free D-dimer detection. Biosensors and Bioelectronics: X, 2019, 2, 100026.	1.7	37
9	Fiber-optic Lossy Mode Resonance Sensors. Procedia Engineering, 2014, 87, 3-8.	1.2	26
10	Experimental Study and Sensing Applications of Polarization-Dependent Lossy Mode Resonances Generated by D-Shape Coated Optical Fibers. Journal of Lightwave Technology, 2015, 33, 2412-2418.	4.6	23
11	Single and Multiphase Flow Characterization by Means of an Optical Fiber Bragg Grating Grid. Journal of Lightwave Technology, 2015, 33, 1857-1862.	4.6	19
12	Lossy mode resonance sensors based on nanocoated multimode-coreless-multimode fibre. Sensors and Actuators B: Chemical, 2020, 304, 126955.	7.8	19
13	Fabrication of Optical Fiber Sensors for Measuring Ageing Transformer Oil in Wavelength. IEEE Sensors Journal, 2016, 16, 4798-4802.	4.7	15
14	Optical Biosensors for the Detection of Rheumatoid Arthritis (RA) Biomarkers: A Comprehensive Review. Sensors, 2020, 20, 6289.	3.8	15
15	Lossy Mode Resonance Based Microfluidic Platform Developed on Planar Waveguide for Biosensing Applications. Biosensors, 2022, 12, 403.	4.7	11
16	Nanocoated optical fibre for lossy mode resonance (LMR) sensors and filters. , 2015, , .		2
17	Gas Detection Using LMR-Based Optical Fiber Sensors. Proceedings (mdpi), 2018, 2, 890.	0.2	1
18	Considerations for the Development of LMR-based Optical Fiber Sensors for Gas Sensing Applications. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Fiber-optics: a new route towards ultra-low detection limit label-free biosensing. , 2019, , .		0
20	Thin film coated D-shaped Fiber regenerable biosensor. , 2021, , .		0