

Pablo Zubiarte

List of Publications by Year in descending order

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20
papers

907
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687363

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20
times ranked

743
citing authors

#	ARTICLE	IF	CITATIONS
1	Lossy Mode Resonance Based Microfluidic Platform Developed on Planar Waveguide for Biosensing Applications. <i>Biosensors</i> , 2022, 12, 403.	4.7	11
2	Thin film coated D-shaped Fiber regenerable biosensor. , 2021, , .		0
3	Lossy mode resonance sensors based on nanocoated multimode-coreless-multimode fibre. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 126955.	7.8	19
4	Optical Biosensors for the Detection of Rheumatoid Arthritis (RA) Biomarkers: A Comprehensive Review. <i>Sensors</i> , 2020, 20, 6289.	3.8	15
5	A Comprehensive Review of Optical Fiber Refractometers: Toward a Standard Comparative Criterion. <i>Laser and Photonics Reviews</i> , 2019, 13, 1900094.	8.7	120
6	Fiber-based early diagnosis of venous thromboembolic disease by label-free D-dimer detection. <i>Biosensors and Bioelectronics: X</i> , 2019, 2, 100026.	1.7	37
7	Fiber-optics: a new route towards ultra-low detection limit label-free biosensing. , 2019, , .		0
8	Femtomolar Detection by Nanocoated Fiber Label-Free Biosensors. <i>ACS Sensors</i> , 2018, 3, 936-943.	7.8	193
9	Gas Detection Using LMR-Based Optical Fiber Sensors. <i>Proceedings (mdpi)</i> , 2018, 2, 890.	0.2	1
10	Considerations for the Development of LMR-based Optical Fiber Sensors for Gas Sensing Applications. , 2018, , .		0
11	Is there a frontier in sensitivity with Lossy mode resonance (LMR) based refractometers?. <i>Scientific Reports</i> , 2017, 7, 10280.	3.3	57
12	Optical sensors based on lossy-mode resonances. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 174-185.	7.8	182
13	Optimization in nanocoated D-shaped optical fiber sensors. <i>Optics Express</i> , 2017, 25, 10743.	3.4	47
14	Micro and Nanostructured Materials for the Development of Optical Fibre Sensors. <i>Sensors</i> , 2017, 17, 2312.	3.8	48
15	Fabrication of Optical Fiber Sensors for Measuring Ageing Transformer Oil in Wavelength. <i>IEEE Sensors Journal</i> , 2016, 16, 4798-4802.	4.7	15
16	Giant sensitivity of optical fiber sensors by means of lossy mode resonance. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 660-665.	7.8	92
17	Nanocoated optical fibre for lossy mode resonance (LMR) sensors and filters. , 2015, , .		2
18	Experimental Study and Sensing Applications of Polarization-Dependent Lossy Mode Resonances Generated by D-Shape Coated Optical Fibers. <i>Journal of Lightwave Technology</i> , 2015, 33, 2412-2418.	4.6	23

#	ARTICLE	IF	CITATIONS
19	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
20	Fiber-optic Lossy Mode Resonance Sensors. Procedia Engineering, 2014, 87, 3-8.	1.2	26