

Nerea De Acha

List of Publications by Year in descending order

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14
papers

559
citations

932766

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1281420

11
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all docs

14
docs citations

14
times ranked

724
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical sensors based on lossy-mode resonances. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 174-185.	4.0	182
2	Fluorescent Sensors for the Detection of Heavy Metal Ions in Aqueous Media. <i>Sensors</i> , 2019, 19, 599.	2.1	180
3	Micro and Nanostructured Materials for the Development of Optical Fibre Sensors. <i>Sensors</i> , 2017, 17, 2312.	2.1	48
4	Layer-by-Layer assembly of a water-insoluble platinum complex for optical fiber oxygen sensors. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 683-689.	4.0	31
5	Fiber-optic Lossy Mode Resonance Sensors. <i>Procedia Engineering</i> , 2014, 87, 3-8.	1.2	26
6	Trends in the Design of Intensity-Based Optical Fiber Biosensors (2010-2020). <i>Biosensors</i> , 2021, 11, 197.	2.3	22
7	Enhancement of luminescence-based optical fiber oxygen sensors by tuning the distance between fluorophore layers. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 836-847.	4.0	20
8	Development of an Aptamer Based Luminescent Optical Fiber Sensor for the Continuous Monitoring of Hg ²⁺ in Aqueous Media. <i>Sensors</i> , 2020, 20, 2372.	2.1	19
9	Luminescence-Based Optical Sensors Fabricated by Means of the Layer-by-Layer Nano-Assembly Technique. <i>Sensors</i> , 2017, 17, 2826.	2.1	16
10	Comparative study of polymeric matrices embedding oxygen-sensitive fluorophores by means of Layer-by-Layer nanosassembly. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 1124-1133.	4.0	11
11	Nanocoated optical fibre for lossy mode resonance (LMR) sensors and filters. , 2015, , .		2
12	Straightforward nano patterning on optical fiber for sensors development. <i>Optics Letters</i> , 2020, 45, 3877.	1.7	2
13	An Optimized Method Based on Digitalized Lissajous Curve to Determine Lifetime of Luminescent Materials on Optical Fiber Sensors. <i>Journal of Sensors</i> , 2016, 2016, 1-10.	0.6	0
14	Fiber optic sensors based on lossy mode resonances. , 2014, , .		0