

Vania C Pinto

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

193
citations

1478505

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1199594

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all docs

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docs citations

15
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized SU-8 Processing for Low-Cost Microstructures Fabrication without Cleanroom Facilities. <i>Micromachines</i> , 2014, 5, 738-755.	2.9	94
2	A low-cost lab-on-a-chip device for marine pH quantification by colorimetry. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 285-292.	7.8	22
3	From superhydrophobic- to superhydrophilic-patterned poly(vinylidene fluoride-co) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 1802-1810.	2.1	20
4	Multilayered membranes with tuned well arrays to be used as regenerative patches. <i>Acta Biomaterialia</i> , 2017, 57, 313-323.	8.3	17
5	Portable Device for Optical Quantification of Hemozoin in Diluted Blood Samples. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 365-371.	4.2	12
6	Spectroscopic Detection of Gastrointestinal Dysplasia Using Optical Microsensors. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 2633-2639.	4.2	8
7	Development of Highly Sensitive Temperature Microsensors for Localized Measurements. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3864.	2.5	6
8	PtOEPâ€“PDMS-Based Optical Oxygen Sensor. <i>Sensors</i> , 2021, 21, 5645.	3.8	5
9	PDMS biofunctionalization study for the development of a microfluidic device: Application to salivary cortisol. , 2015, , .		2
10	A thin-film aluminum strain gauges array in a flexible gastrointestinal catheter for pressure measurements. <i>Journal of Micromechanics and Microengineering</i> , 2016, 26, 084011.	2.6	2
11	Methodology for Phytoplankton Taxonomic Group Identification towards the Development of a Lab-on-a-Chip. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5376.	2.5	2
12	A numerical and experimental study of acoustic micromixing in 3D microchannels for lab-on-a-chip devices. , 2016, 2016, 5660-5663.		1
13	Hemodynamic Studies in Coronary Artery Models Manufactured by 3D Printing. <i>Lecture Notes in Mechanical Engineering</i> , 2022, , 191-200.	0.4	1
14	Methodological Approaches for Monitoring Five Major Food Safety Hazards Affecting Food Production in the Galiciaâ€“Northern Portugal Euroregion. <i>Foods</i> , 2022, 11, 84.	4.3	1
15	Numerical and Experimental Investigations on Micromixers Geometries for High Ratio Flow Rates. , 2019, , .		0