

Vania C Pinto

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

193
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1478505

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15
docs citations

15
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Hemodynamic Studies in Coronary Artery Models Manufactured by 3D Printing. Lecture Notes in Mechanical Engineering, 2022, , 191-200.	0.4	1
2	Methodological Approaches for Monitoring Five Major Food Safety Hazards Affecting Food Production in the Galiciaâ€œNorthern Portugal Euroregion. Foods, 2022, 11, 84.	4.3	1
3	Methodology for Phytoplankton Taxonomic Group Identification towards the Development of a Lab-on-a-Chip. Applied Sciences (Switzerland), 2022, 12, 5376.	2.5	2
4	Development of Highly Sensitive Temperature Microsensors for Localized Measurements. Applied Sciences (Switzerland), 2021, 11, 3864.	2.5	6
5	PtOEPâ€œPDMS-Based Optical Oxygen Sensor. Sensors, 2021, 21, 5645.	3.8	5
6	Portable Device for Optical Quantification of Hemozoin in Diluted Blood Samples. IEEE Transactions on Biomedical Engineering, 2020, 67, 365-371.	4.2	12
7	Numerical and Experimental Investigations on Micromixers Geometries for High Ratio Flow Rates. , 2019, , .		0
8	A low-cost lab-on-a-chip device for marine pH quantification by colorimetry. Sensors and Actuators B: Chemical, 2019, 290, 285-292.	7.8	22
9	Multilayered membranes with tuned well arrays to be used as regenerative patches. Acta Biomaterialia, 2017, 57, 313-323.	8.3	17
10	From superhydrophobic- to superhydrophilic-patterned poly(vinylidene fluoride-co) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (-chloro Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 1802-1810.	2.1	20
11	A thin-film aluminum strain gauges array in a flexible gastrointestinal catheter for pressure measurements. Journal of Micromechanics and Microengineering, 2016, 26, 084011.	2.6	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	PDMS biofunctionalization study for the development of a microfluidic device: Application to salivary cortisol. , 2015, , .		2
14	Optimized SU-8 Processing for Low-Cost Microstructures Fabrication without Cleanroom Facilities. Micromachines, 2014, 5, 738-755.	2.9	94
15	Spectroscopic Detection of Gastrointestinal Dysplasia Using Optical Microsensors. IEEE Transactions on Biomedical Engineering, 2011, 58, 2633-2639.	4.2	8