

Joana S Paiva

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

290
citations

1039880

9
h-index

940416

16
g-index

28
all docs

28
docs citations

28
times ranked

449
citing authors

#	ARTICLE	IF	CITATIONS
1	The proâ€proliferative effect of insulin in human breast epithelial DMBA â€transformed and nonâ€transformed cell lines is PI3K â€mTOR â€and GLUT1 â€dependent. Cell Biochemistry and Function, 2022, , 1.4 .	1.4	1
2	Forecasting COVID-19 Severity by Intelligent Optical Fingerprinting of Blood Samples. Diagnostics, 2021, 11, 1309.	1.3	5
3	Classification of optically trapped particles: A comparison between optical fiber tweezers and conventional setups. Results in Optics, 2021, , 100178.	0.9	3
4	iLoF: An intelligent Lab on Fiber Approach for Human Cancer Single-Cell Type Identification. Scientific Reports, 2020, 10, 3171.	1.6	8
5	<p>Optical fiber-based sensing method for nanoparticle detection through supervised back-scattering analysis: a potential contributor for biomedicine<p>. International Journal of Nanomedicine, 2019, Volume 14, 2349-2369.	3.3	8
6	Optical fiber-based sensing method for nanoparticles detection through back-scattering signal analysis. , 2019, , .		0
7	A novel method for scatterers type enumeration in polydisperse suspensions through fiber trapping and unsupervised scattering analysis. , 2019, , .		0
8	Optical fiber tips for biological applications: From light confinement, biosensing to bioparticles manipulation. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1209-1246.	1.1	39
9	Supervised learning methods for pathological arterial pulse wave differentiation: A SVM and neural networks approach. International Journal of Medical Informatics, 2018, 109, 30-38.	1.6	31
10	Stress among on-duty firefighters: an ambulatory assessment study. PeerJ, 2018, 6, e5967.	0.9	19
11	Improved Fabrication of Polymeric Optical Fiber Tweezers for Single Cell Detection. , 2018, , .		1
12	Cognitive Impact and Psychophysiological Effects of Stress Using a Biomonitoring Platform. International Journal of Environmental Research and Public Health, 2018, 15, 1080.	1.2	29
13	Psychophysiological Stress Assessment Among On-Duty Firefighters. , 2018, 2018, 4335-4338.		9
14	Towards a Single Parameter Sensing for Bacteria Sorting through Optical Fiber Trapping and Back-Scattered Signal Analysis. , 2018, , .		1
15	Single Particle Differentiation through 2D Optical Fiber Trapping and Back-Scattered Signal Statistical Analysis: An Exploratory Approach. Sensors, 2018, 18, 710.	2.1	16
16	Fabrication of Multimode-Single Mode Polymer Fiber Tweezers for Single Cell Trapping and Identification with Improved Performance. Sensors, 2018, 18, 2746.	2.1	11
17	Wearable Biomonitoring Platform for the Assessment of Stress and its Impact on Cognitive Performance of Firefighters: An Experimental Study. Clinical Practice and Epidemiology in Mental Health, 2018, 14, 250-262.	0.6	27
18	A Wearable System for the Stress Monitoring of Air Traffic Controllers During An Air Traffic Control Refresher Training and the Trier Social Stress Test: A Comparative Study. Open Bioinformatics Journal, 2018, 11, 106-116.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Computational modeling of red blood cells trapping using Optical Fiber Tweezers. , 2017, , .		1
20	Beat-to-beat ECG features for time resolution improvements in stress detection. , 2017, , .		1
21	2D Computational Modeling of Optical Trapping Effects on Malaria-infected Red Blood Cells. , 2017, , .		3
22	Beat-ID: Towards a computationally low-cost single heartbeat biometric identity check system based on electrocardiogram wave morphology. PLoS ONE, 2017, 12, e0180942.	1.1	32
23	Spontaneous Fluctuations in Sensory Processing Predict Within-Subject Reaction Time Variability. Frontiers in Human Neuroscience, 2016, 10, 200.	1.0	11
24	Regression approach for automatic detection of attention lapses. , 2016, , .		1
25	Changes in ST, QT and RR ECG intervals during acute stress in firefighters: A pilot study. , 2016, 2016, 3378-3381.		11
26	An automatic method for arterial pulse waveform recognition using KNN and SVM classifiers. Medical and Biological Engineering and Computing, 2016, 54, 1049-1059.	1.6	18
27	Acute Psychophysiological Responses To Laboratory-Induced Stress In Different Groups: An Exploratory Study. , 0, , .		0