Joao Alexandre Lobo Marques

List of Publications by Year
in descending order

23 papers	253 citations	1306789 7 h-index	940134 16 g-index
27 all docs	27 docs citations	27 times ranked	242 citing authors

#	Article	IF	Citations
1	Artificial neural network-based approaches for computer-aided disease diagnosis and treatment. , 2022, , 79-99.		2
2	AI and deep learning for processing the huge amount of patient-centric data that assist in clinical decisions. , 2022, , 101-121.		3
3	IoT-Based Smart Health System for Ambulatory Maternal and Fetal Monitoring. IEEE Internet of Things Journal, 2021, 8, 16814-16824.	5.5	26
4	Predictive Models for Decision Support in the COVID-19 Crisis. SpringerBriefs in Applied Sciences and Technology, 2021, , .	0.2	9
5	Towards an efficient prognostic model for fetal state assessment. Measurement: Journal of the International Measurement Confederation, 2021, 185, 110034.	2.5	5
6	Epidemiology Compartmental Modelsâ€"SIR, SEIR, and SEIR with Intervention. SpringerBriefs in Applied Sciences and Technology, 2021, , 15-39.	0.2	2
7	Artificial Intelligence Prediction for the COVID-19 Data Based on LSTM Neural Networks and H2O AutoML. SpringerBriefs in Applied Sciences and Technology, 2021, , 69-87.	0.2	3
8	Nonlinear Prediction for the COVID-19 Data Based on Quadratic Kalman Filtering. SpringerBriefs in Applied Sciences and Technology, 2021, , 55-68.	0.2	1
9	Forecasting COVID-19 Time Series Based on an Autoregressive Model. SpringerBriefs in Applied Sciences and Technology, 2021, , 41-54.	0.2	1
10	The Probability Flow in the Stock Market and Spontaneous Symmetry Breaking in Quantum Finance. Mathematics, 2021, 9, 2777.	1.1	3
11	Nonlinear characterization and complexity analysis of cardiotocographic examinations using entropy measures. Journal of Supercomputing, 2020, 76, 1305-1320.	2.4	23
12	Crowdsensing-Based Gamification for Collective Assistance for Post-Era of Coronavirus Epidemic in Community Living. International Journal of Extreme Automation and Connectivity in Healthcare, 2020, 2, 54-64.	0.1	0
13	Multi-view convolutional neural network with leader and long-tail particle swarm optimizer for enhancing heart disease and breast cancer detection. Neural Computing and Applications, 2020, 32, 15469-15488.	3.2	14
14	Health and Well-Being Education. International Journal of Extreme Automation and Connectivity in Healthcare, 2020, 2, 42-53.	0.1	0
15	Automatic Cardiotocography Diagnostic System Based on Hilbert Transform and Adaptive Threshold Technique. IEEE Access, 2019, 7, 73085-73094.	2.6	22
16	InfluÃªncia da nova estrutura fiscal de impostos de Angola na gestÃ£o de escolas privadas do municÃpio do Lobito. Revista GestÃ£o Em anÃ¡lise, 2019, 8, 11.	0.0	0
17	Multi-view Convolution Neural Network with Swarm Search Based Hyperparameter Optimization for Enhancing Heart Disease and Breast Cancer Detection. , 2018, , .		2
18	Fast Cluster-learning with Prior Probability from Big Dataset. , 2018, , .		0

#	Article	IF	Citations
19	A Fuzzy Intelligent Agent for Analysis and Classification of Fetuses' Cardiac Signals. IEEE Latin America Transactions, 2016, 14, 2052-2058.	1.2	2
20	New approach for T-wave peak detection and T-wave end location in 12-lead paced ECG signals based on a mathematical model. Medical Engineering and Physics, 2013, 35, 1105-1115.	0.8	41
21	An innovative approach of QRS segmentation based on first-derivative, Hilbert and Wavelet Transforms. Medical Engineering and Physics, 2012, 34, 1236-1246.	0.8	86
22	Análise comparativa de desempenho das transformadas Wavelet e Hilbert na detecção do QRS em ECG. Revista Brasileira De Engenharia Biomedica, 2009, 25, 153-166.	0.3	2
23	Monitoração Fetal Eletrônica por meio de Cardiotocografias utilizando um Sistema baseado em Inteligência Computacional. IFMBE Proceedings, 2007, , 259-262.	0.2	0