Marco Aurelio Nuno-Maganda

List of Publications by Year
in descending order

20 papers	103 citations	1683354 5 h-index	1588620 8 g-index
20 all docs	20 docs citations	20 times ranked	108 citing authors

#	Article	IF	Citations
1	Implementation and integration of image processing blocks in a real-time bottle classification system. Scientific Reports, 2022, 12, 4868.	1.6	0
2	EEG Feature Extraction Using Evolutionary Algorithms for Brain-Computer Interface Development. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.1	0
3	Parallel Raster Scan for Euclidean Distance Transform. Symmetry, 2020, 12, 1808.	1.1	4
4	Medical Assistant Mobile Application for Diabetes Control by Simulating a Compartmental Model. Applied Sciences (Switzerland), 2020, 10, 6846.	1.3	2
5	Smartphone-Based Remote Monitoring Tool for e-Learning. IEEE Access, 2020, 8, 121409-121423.	2.6	3
6	Machine Learning Classifiers Evaluation for Automatic Karyogram Generation from G-Banded Metaphase Images. Applied Sciences (Switzerland), 2020, 10, 2758.	1.3	6
7	Automatic construction of vertical search tools for the Deep Web. IEEE Latin America Transactions, 2018, 16, 574-584.	1.2	2
8	An Education Application for Teaching Robot Arm Manipulator Concepts Using Augmented Reality. Mobile Information Systems, 2018, 2018, 1-8.	0.4	6
9	A Platform for e-Health Control and Location Services for Wandering Patients. Mobile Information Systems, 2018, 2018, 1-18.	0.4	3
10	On-Device Learning of Indoor Location for WiFi Fingerprint Approach. Sensors, 2018, 18, 2202.	2.1	19
11	Computer vision based real-time vehicle tracking and classification system. , 2014, , .		22
12	FPGA-based real-time citrus classification system. , 2014, , .		1
13	Areatime Efficient Implementation of Local Adaptive Image Thresholding in Reconfigurable Hardware. Computer Architecture News, 2014, 42, 33-38.	2.5	8
14	Comparison between 2D cellular automata based pseudorandom number generators. IEICE Electronics Express, 2012, 9, 1391-1396.	0.3	8
15	A Hardware Architecture for Image Clustering Using Spiking Neural Networks. , 2012, , .		3
16	A Hardware Coprocessor Integrated with OpenCV for Edge Detection Using Cellular Neural Networks. , 2011, , .		2
17	An FPGA Implementation to Detect Selective Cationic Antibacterial Peptides. PLoS ONE, 2011, 6, e21399.	1.1	7
18	Hardware implementation of Spiking Neural Network classifiers based on backpropagation-based learning algorithms. , 2009, , .		5

#	ARTICLE	IF	CITATIONS
19	High Performance Hardware Implementation of SpikeProp Learning: Potential and Tradeoffs. , 2007, , .		1
20	An Efficient Scalable Parallel Hardware Architecture for Multilayer Spiking Neural Networks. , 2007, , .		1