Geraldo Luis Bezerra Ramalho

List of Publications by Year
in descending order

24 papers	359 citations	1039406 9 h-index	996533 15 g-index
25 all docs	25 docs citations	25 times ranked	469 citing authors

#	Article	IF	Citations
1	An unsupervised coarse-to-fine algorithm for blood vessel segmentation in fundus images. Expert Systems With Applications, 2017, 78, 182-192.	4.4	91
2	On the Evaluation of Texture and Color Features for Nondestructive Corrosion Detection. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	64
3	Rotation-invariant feature extraction using a structural co-occurrence matrix. Measurement: Journal of the International Measurement Confederation, 2016, 94, 406-415.	2.5	41
4	Lung disease detection using feature extraction and extreme learning machine. Revista Brasileira De Engenharia Biomedica, 2014, 30, 207-214.	0.3	32
5	Automated recognition of lung diseases in CT images based on the optimum-path forest classifier. Neural Computing and Applications, 2019, 31, 901-914.	3.2	28
6	Assessment of the geometry and volumes of small surface water reservoirs by remote sensing in a semi-arid region with high reservoir density. Hydrological Sciences Journal, 2019, 64, 66-79.	1.2	26
7	Potential of floating photovoltaic plant in a tropical reservoir in Brazil. Journal of Environmental Planning and Management, 2020, 63, 2334-2356.	2.4	20
8	Evolutionary optimization of a multiscale descriptor for leaf shape analysis. Expert Systems With Applications, 2016, 63, 375-385.	4.4	14
9	A new online approach for classification of pumps vibration patterns based on intelligent IoT system. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107138.	2.5	14
10	Using Boosting to Improve Oil Spill Detection in SAR Images. , 2006, , .		6
11	TRAILER HEAT ZONES AND THEIR RELATION TO HEAT STRESS IN PIG TRANSPORT. Engenharia Agricola, 2021, 41, 427-437.	0.2	6
12	Improving Reliability of Oil Spill Detection Systems Using Boosting for High-Level Feature Selection. Lecture Notes in Computer Science, 2007, , 1172-1181.	1.0	4
13	Saliency-Driven System With Deep Learning for Cell Image Classification. , 2019, , .		3
14	Saliency-driven system models for cell analysis with deep learning. Computer Methods and Programs in Biomedicine, 2019, 182, 105053.	2.6	2
15	DETEÃ‡ÃƒO DE FALHAS EM MOTORES ELÃ‰TRICOS ATRAVÃ‰S DA CLASSIFICAÃ‡ÃƒO DE PADRÃ•ES DE VIBRAÃ‡ÃƒO UTILIZANDO UMA REDE NEURAL ELM. Holos, 0, 4, 185.	0.0	2
16	Characterization of the Driving Unit of Linear Submerged Double Acting Pumping System. , 2015, , .		1
17	USE OF PUPILLOMETRY IN THE DIAGNOSIS OF STRESS IN PIGLETS TRANSPORTED IN A TROPICAL CLIMATE. Engenharia Agricola, 2021, 41, 402-408.	0.2	1
18	Fast Detection of Centrifugal Pumps Condition by Structural Analysis of MEMS Sensor Signals. Journal of Control, Automation and Electrical Systems, 2022, 33, 293-303.	1.2	1

#	Article	IF	Citations
19	CLASSIFICAÇÃƒO DE PADRÃ•ES DE VIBRAÇÃƒO PARA O MONITORAMENTO DE CONDIÇÃƒO DE BOMBAS. , 0, , .		1
20	Development of a single-phase anti-island analysis platform according to NBR-IEC 62116 standard. , 2015, , .		0
21	Designing a New Artificial Lift Method Using Computational Simulation and Evolutionary Optimization. IEEE Access, 2019, 7, 123846-123859.	2.6	0
22	PREVENÇÃƒO DE COLISÃƒO DE UM MANIPULADOR SCARA UTILIZANDO CAMPOS POTENCIAIS ARTIFICIAIS E CAMINHOS PROBABILÃSTICOS / COLLISION AVOIDANCE OF A SCARA MANIPULATOR USING POTENTIAL ARTIFICIAL FIELDS AND PROBABILISTIC ROADMAP. Brazilian Journal of Development, 2021, 7, 11252-11270.	0.0	0
23	Collateral motion saliency-based model for Trypanosoma cruzi detection in dye-free blood microscopy. Computers in Biology and Medicine, 2021, 132, 104220.	3.9	0
24	Ensemble of Algorithms for Multifocal Cervical Cell Image Segmentation. Lecture Notes in Computer Science, 2020, , 271-286.	1.0	0