

Jose Delpiano

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

292
citations

1163117

8
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of moisture transport mechanisms on the performance of lightweight aggregates in internal curing. <i>Construction and Building Materials</i> , 2021, 268, 121191.	7.2	18
2	Mechanistic Description of Convective Gas-Liquid Mass Transfer in Biotrickling Filters Using CFD Modeling. <i>Environmental Science & Technology</i> , 2020, 54, 419-426.	10.0	11
3	Computational tomography and CFD simulation of a biofilter treating a toluene, formaldehyde and benzo[\pm]pyrene vapor mixture. <i>Chemosphere</i> , 2020, 240, 124924.	8.2	8
4	An Analytical Model for Small Signal Stability Analysis in Unbalanced Electrical Power Systems. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8855.	2.5	2
5	Implementation of Particle Swarm Optimization (PSO) Algorithm for Tuning of Power System Stabilizers in Multimachine Electric Power Systems. <i>Energies</i> , 2020, 13, 2093.	3.1	33
6	Comparison of convolutional neural networks in fruit detection and counting: A comprehensive evaluation. <i>Computers and Electronics in Agriculture</i> , 2020, 173, 105348.	7.7	98
7	Tuning of Controllers in Power Systems Using a Heuristic-Stochastic Approach. <i>Energies</i> , 2019, 12, 2325.	3.1	8
8	A Dynamic Stochastic Hybrid Model to Represent Significant Wave Height and Wave Period for Marine Energy Representation. <i>Energies</i> , 2019, 12, 887.	3.1	2
9	Deep learning for image-based classification of OAM modes in laser beams propagating through convective turbulence. , 2019, , .		8
10	Automated detection of fluorescent cells in inâ€resin fluorescence sections for integrated light and electron microscopy. <i>Journal of Microscopy</i> , 2018, 271, 109-119.	1.8	14
11	Multi-objective optimization for parameter selection and characterization of optical flow methods. <i>Applied Soft Computing Journal</i> , 2016, 46, 1067-1078.	7.2	2
12	On the optical flow model selection through metaheuristics. <i>Eurasip Journal on Image and Video Processing</i> , 2015, 2015, .	2.6	3
13	Tuning of Power System Stabilizers using Multiobjective Optimization NSGA II. <i>IEEE Latin America Transactions</i> , 2015, 13, 2653-2660.	1.6	11
14	Evolutionary Optimization Applied for Fine-Tuning Parameter Estimation in Optical Flow-Based Environments. , 2014, , .		1
15	Performance of optical flow techniques for motion analysis of fluorescent point signals in confocal microscopy. <i>Machine Vision and Applications</i> , 2012, 23, 675-689.	2.7	38
16	Towards dense motion estimation in light and electron microscopy. , 2011, , .		6
17	Self-modeling in humanoid soccer robots. <i>Robotics and Autonomous Systems</i> , 2009, 57, 819-827.	5.1	13
18	Combining iterative heuristic optimization and uncertainty analysis methods for robust parameter design. <i>Engineering Optimization</i> , 2006, 38, 821-831.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Semi-Autonomous Neural Networks Differential Equation Solver. , 2006, , .		1
20	Semi-Autonomous Neural Networks Differential Equation Solver. , 0, , .		0
21	An Implementation of Combined Local-Global Optical Flow. Image Processing on Line, 0, 5, 139-158.	0.0	9