Margarita-Arimatea DÃ-az-CortÃ©s

List of Publications by Year
in descending order

29 papers	399 citations	933264 10 h-index	794469 19 g-index
39 all docs	39 docs citations	39 times ranked	573 citing authors

#	Article	IF	Citations
1	A multi-level thresholding method for breast thermograms analysis using Dragonfly algorithm. Infrared Physics and Technology, 2018, 93, 346-361.	1.3	85
2	Linking Molecular Pathways and Large-Scale Computational Modeling to Assess Candidate Disease Mechanisms and Pharmacodynamics in Alzheimer's Disease. Frontiers in Computational Neuroscience, 2019, 13, 54.	1.2	83
3	Context based image segmentation using antlion optimization and sine cosine algorithm. Multimedia Tools and Applications, 2018, 77, 25761-25797.	2.6	49
4	A new metaheuristic optimization methodology based on fuzzy logic. Applied Soft Computing Journal, 2017, 61, 549-569.	4.1	28
5	White Blood Cell Segmentation by Circle Detection Using Electromagnetism-Like Optimization. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-15.	0.7	21
6	An Improved Computer Vision Method for White Blood Cells Detection. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-14.	0.7	21
7	Corner detection of intensity images with cellular neural networks (CNN) and evolutionary techniques. Neurocomputing, 2019, 347, 82-93.	3.5	17
8	A Multimodal Optimization Algorithm Inspired by the States of Matter. Neural Processing Letters, 2018, 48, 517-556.	2.0	14
9	Population-based self-adaptive Generalised Masi Entropy for image segmentation: A novel representation. Knowledge-Based Systems, 2022, 245, 108610.	4.0	10
10	A Swarm Global Optimization Algorithm Inspired in the Behavior of the Social-Spider. Studies in Computational Intelligence, 2016, , 9-33.	0.7	5
11	A Method for Estimating View Transformations from Image Correspondences Based on the Harmony Search Algorithm. Computational Intelligence and Neuroscience, 2015, 2015, 1-15.	1.1	4
12	Engineering Applications of Soft Computing. Intelligent Systems Reference Library, 2017, , .	1.0	4
13	Motion Estimation Algorithm Using Block-Matching and Harmony Search Optimization. Intelligent Systems Reference Library, 2017, , 13-44.	1.0	4
14	HCS-BBD. , 2021, , .		3
15	Gravitational Search Algorithm Applied to Parameter Identification for Induction Motors. Intelligent Systems Reference Library, 2017, , 45-57.	1.0	3
16	Clonal Selection Algorithm Applied to Circle Detection. Intelligent Systems Reference Library, 2017, , 143-164.	1.0	3
17	Multi-threshold Segmentation Using Learning Automata. Intelligent Systems Reference Library, 2017, , 101-127.	1.0	2
18	Social-Spider Algorithm for Constrained Optimization. Studies in Computational Intelligence, 2016, , 175-202.	0.7	1

#	Article	IF	Citations
19	Color Segmentation Using LVQ Neural Networks. Intelligent Systems Reference Library, 2017, , 59-75.	1.0	1
20	Real-Time Gaze Control Using Neurofuzzy Prediction System. Intelligent Systems Reference Library, 2017, , 129-141.	1.0	1
21	The Collective Animal Behavior method. Studies in Computational Intelligence, 2016, , 55-81.	0.7	0
22	An Evolutionary Computation Algorithm based on the Allostatic Optimization. Studies in Computational Intelligence, 2016, , 83-100.	0.7	0
23	Reduction of Function Evaluations by using an evolutionary computation algorithm. Studies in Computational Intelligence, 2016, , 121-152.	0.7	0
24	Collective Animal Behavior Algorithm for Multimodal Optimization Functions. Studies in Computational Intelligence, 2016, , 153-174.	0.7	0
25	A States of Matter Algorithm for Global Optimization. Studies in Computational Intelligence, 2016, , 35-54.	0.7	0
26	Artificial Bee Colony Algorithm Applied to Multi-threshold Segmentation. Intelligent Systems Reference Library, 2017, , 193-214.	1.0	0
27	Fuzzy-Based System for Corner Detection. Intelligent Systems Reference Library, 2017, , 239-258.	1.0	0
28	Learning Automata Applied to Planning Control. Intelligent Systems Reference Library, 2017, , 215-237.	1.0	0
29	States of Matter Algorithm Applied to Pattern Detection. Intelligent Systems Reference Library, 2017, , 165-192.	1.0	0