Alfonso Rojas-DomÃ-nguez

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Modeling cancer immunoediting in tumor microenvironment with system characterization through the ising-model Hamiltonian. BMC Bioinformatics, 2022, 23, .	2.6	7
2	A Methodology to Determine the Subset of Heuristics for Hyperheuristics through Metalearning for Solving Graph Coloring and Capacitated Vehicle Routing Problems. Complexity, 2021, 2021, 1-22.	1.6	3
3	A Novel Set of Moment Invariants for Pattern Recognition Applications Based on Jacobi Polynomials. Lecture Notes in Computer Science, 2020, , 139-148.	1.3	0
4	Modeling the Game of Go by Ising Hamiltonian, Deep Belief Networks and Common Fate Graphs. IEEE Access, 2019, 7, 120117-120127.	4.2	2
5	Symmetric-Approximation Energy-Based Estimation of Distribution (SEED): A Continuous Optimization Algorithm. IEEE Access, 2019, 7, 154859-154871.	4.2	4
6	Parameter optimization for the smoothed-particle hydrodynamics method by means of evolutionary metaheuristics. Computer Physics Communications, 2019, 243, 30-40.	7.5	7
7	Evolutionary Spiking Neural Networks for Solving Supervised Classification Problems. Computational Intelligence and Neuroscience, 2019, 2019, 1-13.	1.7	14
8	Optimal Hyper-Parameter Tuning of SVM Classifiers With Application to Medical Diagnosis. IEEE Access, 2018, 6, 7164-7176.	4.2	59
9	Automated classification of archaeological ceramic materials by means of texture measures. Journal of Archaeological Science: Reports, 2018, 21, 921-928.	0.5	9
10	Partially-Connected Artificial Neural Networks Developed by Grammatical Evolution for Pattern Recognition Problems. Studies in Computational Intelligence, 2018, , 99-112.	0.9	4
11	Bio-inspired Metaheuristics for Hyper-parameter Tuning of Support Vector Machine Classifiers. Studies in Computational Intelligence, 2018, , 115-130.	0.9	4
12	Evolutionary Design of Problem-Adapted Image Descriptors for Texture Classification. IEEE Access, 2018, 6, 40450-40462.	4.2	5
13	A novel formulation of orthogonal polynomial kernel functions for SVM classifiers: The Gegenbauer family. Pattern Recognition, 2018, 84, 211-225.	8.1	57
14	Hyper-Parameter Tuning for Support Vector Machines by Estimation of Distribution Algorithms. Studies in Computational Intelligence, 2017, , 787-800.	0.9	22
15	Comparing Grammatical Evolution's Mapping Processes on Feature Generation for Pattern Recognition Problems. Studies in Computational Intelligence, 2017, , 775-785.	0.9	1
16	Geometric indexing for recognition of places based on expanded delaunay triangulation. Intelligent Data Analysis, 2016, 20, S95-S107.	0.9	0
17	Comparing Threshold-Selection Methods for Image Segmentation: Application to Defect Detection in Automated Visual Inspection Systems. Lecture Notes in Computer Science, 2016, , 33-43.	1.3	1
18	Gradientâ€Directionâ€Pattern Transform for Automated Measurement of Oil Drops in Images of Multiphase Dispersions. Chemical Engineering and Technology, 2015, 38, 327-335.	1.5	5

#	Article	IF	CITATIONS
19	Visualization of compound drops formation in multiphase processes for the identification of factors influencing bubble and water droplet inclusions in oil drops. Chemical Engineering Research and Design, 2012, 90, 1727-1738.	5.6	5
20	Toward breast cancer diagnosis based on automated segmentation of masses in mammograms. Pattern Recognition, 2009, 42, 1138-1148.	8.1	104
21	Development of tolerant features for characterization of masses in mammograms. Computers in Biology and Medicine, 2009, 39, 678-688.	7.0	36
22	Detection of masses in mammograms via statistically based enhancement, multilevel-thresholding segmentation, and region selection. Computerized Medical Imaging and Graphics, 2008, 32, 304-315.	5.8	99
23	Detailed-contour insensitive features for automated analysis of breast masses in mammograms. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0
24	Improved dynamicâ€programmingâ€based algorithms for segmentation of masses in mammograms. Medical Physics, 2007, 34, 4256-4269.	3.0	38
25	Enhanced Multi-Level Thresholding Segmentation and Rank Based Region Selection for Detection of Masses in Mammograms. , 2007, , .		14
26	Practical scheme for fast detection and classification of rolling-element bearing faults using support vector machines. Mechanical Systems and Signal Processing, 2006, 20, 1523-1536.	8.0	79
27	Detection and Classification of Rolling-Element Bearing Faults using Support Vector Machines. , 0, , .		19
28	Improved training of deep convolutional networks via minimum-variance regularized adaptive sampling. Soft Computing, 0, , .	3.6	0