Catalina-Lucia Cocianu

List of Publications by Year
in descending order

25 papers	59 citations	1936888 4 h-index	1872312 6 g-index
25 all docs	25 docs citations	25 times ranked	43 citing authors

#	Article	IF	Citations
1	An Artificial Neural Network for Data Forecasting Purposes. InformaticÄƒ EconomicÄƒ, 2015, 20, 34-45.	0.2	12
2	New Evolutionary-Based Techniques for Image Registration. Applied Sciences (Switzerland), 2019, 9, 176.	1.3	11
3	Firefly-Based Approaches of Image Recognition. Symmetry, 2020, 12, 881.	1.1	6
4	Principal Directions-Based Algorithm for Classification Tasks. , 2007, , .		5
5	Multi-Scale Memetic Image Registration. Electronics (Switzerland), 2022, 11, 278.	1.8	5
6	Neural Architectures for Correlated Noise Removal in Image Processing. Mathematical Problems in Engineering, 2016, 2016, 1-14.	0.6	4
7	On a certain class of algorithms for noise removal in image processing: a comparative study. , 0, , .		3
8	Cluster-Based Memetic Approach of Image Alignment. Electronics (Switzerland), 2021, 10, 2606.	1.8	3
9	PCA-BASED DATA MINING PROBABILISTIC AND FUZZY APPROACHES WITH APPLICATIONS IN PATTERN RECOGNITION. , 2006, , .		3
10	New Attempts in Binary Image Registration. , 2018, , .		2
11	New Approaches in Image Compression and Noise Removal. , 2009, , .		1
12	Neural Approaches to Image Compression/Decompression Using PCA based Learning Algorithms. , 2008, , .		1
13	A NEW ADAPTIVE CLASSIFICATION SCHEME BASED ON SKELETON INFORMATION. , 2007, , .		1
14	A NEW LEARNING ALGORITHM FOR CLASSIFICATION IN THE REDUCED SPACE. , 2008, , .		1
15	A NEW METHOD FOR LEARNING THE SUPPORT VECTOR MACHINES. , 2011, , .		1
16	An unsupervised skeleton based method to discover the structure of the class system. , 2008, , .		0
17	A New Learning Algorithm of SVM from Linear Separable Samples. Applied Mechanics and Materials, 2011, 58-60, 983-988.	0.2	0
18	Heuristic Attempts to Improve the Generalization Capacities in Learning SVMs. , 2012, , .		0

#	Article	IF	Citations
19	GA-based attempts to improve the recognition rate and generalization capacity of the nonlinear soft margin support vector machines. , 2014, , .		0
20	A CONNECTIONIST APPROACH IN BAYESIAN CLASSIFICATION. , 2007, , .		0
21	DECORRELATION TECHNIQUES IN IMAGE RESTORATION. , 2008, , .		0
22	PCA Supervised and Unsupervised Classifiers in Signal Processing. , 2009, , .		0
23	TOWARD A SEMI-SUPERVISED APPROACH IN CLASSIFICATION BASED ON PRINCIPAL DIRECTIONS. , 2009, , .		0
24	Tuning the SVM Parameters to Class Variability. Advanced Science Letters, 2013, 19, 3660-3664.	0.2	0
25	New Attempts in Solving Image Recognition Tasks. Communications in Computer and Information Science, 2019, , 463-474.	0.4	0