

Tarek M Hamdani

List of Publications by Year in descending order

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47
papers

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47
all docs

47
docs citations

47
times ranked

406
citing authors

#	ARTICLE	IF	CITATIONS
1	ASAR 2021 Competition on Online Signal Restoration Using Arabic Handwriting Dhad Dataset. Lecture Notes in Computer Science, 2021, , 366-378.	1.0	3
2	ASAR 2021 Competition on Online Arabic Character Recognition: ACRC. Lecture Notes in Computer Science, 2021, , 379-389.	1.0	4
3	A new possibilistic classifier for mixed categorical and numerical data based on a bi-module possibilistic estimation and the generalized minimum-based algorithm. Journal of Intelligent and Fuzzy Systems, 2019, 36, 3513-3523.	0.8	4
4	Morphological Convolutional Neural Network Architecture for Digit Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2876-2885.	7.2	58
5	Wavelet Convolutional Neural Networks for Handwritten Digits Recognition. Advances in Intelligent Systems and Computing, 2018, , 305-310.	0.5	4
6	Decision Quality Enhancement in Minimum-Based Possibilistic Classification for Numerical Data. Advances in Intelligent Systems and Computing, 2018, , 634-643.	0.5	4
7	A new classifier for categorical data based on a possibilistic estimation and a novel generalized minimum-based algorithm. Journal of Intelligent and Fuzzy Systems, 2017, 33, 1723-1731.	0.8	6
8	Adaptive fuzzy inference system plug-in for writer adaptation. , 2017, , .		0
9	A Modified Naïve Bayes Style Possibilistic Classifier for the Diagnosis of Lymphatic Diseases. Advances in Intelligent Systems and Computing, 2017, , 479-488.	0.5	4
10	A Modified Naïve Possibilistic Classifier for Numerical Data. Advances in Intelligent Systems and Computing, 2017, , 417-426.	0.5	5
11	Morph-CNN: A Morphological Convolutional Neural Network for Image Classification. Lecture Notes in Computer Science, 2017, , 110-117.	1.0	10
12	Spread Control for Huge Data Fuzzy Learning. Advances in Intelligent Systems and Computing, 2017, , 588-598.	0.5	0
13	An adaptation module with growing and adjustment RBFNN using a Long-Term Memory. , 2016, , .		1
14	A new Hybrid Discrete Bat Algorithm for Traveling Salesman Problem using ordered crossover and 3-Opt operators for Bat's local search. , 2015, , .		6
15	Deep neural network with RBF and sparse auto-encoders for numeral recognition. , 2015, , .		4
16	Optimization algorithms, benchmarks and performance measures: From static to dynamic environment. , 2015, , .		2
17	Performance evaluation of FMIG clustering using fuzzy validity indexes. Soft Computing, 2015, 19, 3515-3528.	2.1	1
18	Distributed MOPSO with dynamic pareto front driven population analysis for TSP problem. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Big data clustering validity. , 2014, , .		5
20	OHRS-MEWA: On-Line Handwriting Recognition System with Multi-environment Writer Adaptation. , 2014, , .		4
21	A modified hybrid possibilistic Classifier for heart disease detection from heterogeneous medical data. , 2014, , .		8
22	Movie scenes detection with MIGSOM based on shots semi-supervised clustering. Neural Computing and Applications, 2013, 22, 1387-1396.	3.2	8
23	Hierarchical design for distributed MOPSO using sub-swarms based on a population Pareto fronts analysis for the grasp planning problem. , 2013, , .		4
24	Improved Neural Based Writer Adaptation for On-Line Recognition Systems. , 2013, , .		4
25	Hybrid Possibilistic Classifier for heart disease detection from heterogeneous medical data. , 2013, , .		8
26	Diagnosis of Lymphatic Diseases Using a Naive Bayes Style Possibilistic Classifier. , 2013, , .		10
27	FMIG: Fuzzy Multilevel Interior Growing Self-Organizing Maps. , 2012, , .		2
28	A multi objective particles swarm optimization algorithm for solving the routing pico-satellites problem. , 2012, , .		10
29	MIGSOM: Multilevel Interior Growing Self-Organizing Maps for High Dimensional Data Clustering. Neural Processing Letters, 2012, 36, 235-256.	2.0	8
30	Distributed MOPSO with a new population subdivision technique for the feature selection. , 2011, , .		12
31	Improvement of On-line Recognition Systems Using a RBF-Neural Network Based Writer Adaptation Module. , 2011, , .		5
32	An Iterative Method for Deciding SVM and Single Layer Neural Network Structures. Neural Processing Letters, 2011, 33, 171-186.	2.0	9
33	Hierarchical genetic algorithm with new evaluation function and bi-coded representation for the selection of features considering their confidence rate. Applied Soft Computing Journal, 2011, 11, 2501-2509.	4.1	34
34	Unsupervised selection of HMMs architectures for handwritten text/word recognition. , 2011, , .		1
35	Improving a HMM-based off-line handwriting recognition system using MME-PSO optimization. , 2011, , .		3
36	On the use of cluster validity for evaluation of MIGSOM clustering. , 2011, , .		6

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37	Negotiation guiding framework: A recommendation for negotiation's designer model. , 2011, , .		0
38	AN INTELLIGENT DECISION-MAKING SYSTEM BASED ON MULTIPLE CLASSIFIERS UPDATED USING CONFIDENCE RATES AND STRESS PARAMETERS. Control and Intelligent Systems, 2011, 39, .	0.3	1
39	A new hierarchical approach for MOPSO based on dynamic subdivision of the population using Pareto fronts. , 2010, , .		6
40	A new data topology matching technique with Multilevel Interior Growing Self-Organizing Maps. , 2010, , .		9
41	Enhancing the structure and parameters of the centers for BBF Fuzzy Neural Network classifier construction based on data structure. , 2008, , .		9
42	Sixth International Conference on Machine Learning and Applications - Title. , 2007, , .		4
43	Multi-objective Feature Selection with NSGA II. Lecture Notes in Computer Science, 2007, , 240-247.	1.0	96
44	2IBGSOM: interior and irregular boundaries growing self-organizing maps. , 2007, , .		12
45	A New Decision-Making Intelligent System for the Recognition of Bilingual Handwritten Postal Addresses. Journal of Decision Systems, 2005, 14, 123-155.	2.2	3
46	$\hat{\nu}_2$ _SVM a new Support Vector Machine kernel. , 2003, , 63-68.		5
47	Distributed Genetic Algorithm with Bi-Coded Chromosomes and a New Evaluation Function for Features Selection. , 0, , .		29