Souham Meshoul

List of Publications by Year
in descending order

58 papers	290 citations	1051969 10 h-index	1255698 13 g-index
64 all docs	64 docs citations	64 times ranked	220 citing authors

#	Article	IF	Citations
1	Reinforcement learning for dynamic optimization problems. , 2021, , .		1
2	Hybrid ensemble approaches to online harassment detection in highly imbalanced data. Expert Systems With Applications, 2021, 175, 114751.	4.4	18
3	EA-based hyperparameter optimization of hybrid deep learning models for effective drug-target interactions prediction. Expert Systems With Applications, 2021, 185, 115525.	4.4	16
4	SCOL: similarity and credibility-based approach for opinion leaders detection in collaborative filtering-based recommender systems. International Journal of Reasoning-based Intelligent Systems, 2020, 12, 34.	0.1	2
5	New contextual collaborative filtering system with application to personalized healthy nutrition education. Journal of King Saud University - Computer and Information Sciences, 2020, , .	2.7	3
6	Models for Internal Clustering Validation Indexes Based on Hadoop-MapReduce. International Journal of Distributed Systems and Technologies, 2020, 11, 42-67.	0.6	1
7	Using Chou's Pseudo-Amino Acid Composition to Predict and Classify Oxygen Binding Proteins. , 2020, , .		0
8	On the Convergence and Diversity of Pareto Fronts Using Swarm Intelligence Metaheuristics for Constrained Search Space. , 2020, , 1573-1593.		0
9	SCOL: similarity and credibility-based approach for opinion leaders detection in collaborative filtering-based recommender systems. International Journal of Reasoning-based Intelligent Systems, 2020, 12, 34.	0.1	0
10	AMAM: Adaptive Multi-Agents Based Model for Negative Key Players Identification in Social Networks. Lecture Notes in Networks and Systems, 2019, , 300-310.	0.5	0
11	Deep Neural Network for Supervised Inference of Gene Regulatory Network. Lecture Notes in Networks and Systems, 2019, , 149-157.	0.5	3
12	Targeted unsupervised features learning for gene expression data analysis to predict cancer stage. , 2019, , .		1
13	Parallel swarm intelligence strategies for large-scale clustering based on MapReduce with application to epigenetics of aging. Applied Soft Computing Journal, 2018, 69, 771-783.	4.1	3
14	On the Convergence and Diversity of Pareto Fronts Using Swarm Intelligence Metaheuristics for Constrained Search Space. International Journal of Swarm Intelligence Research, 2018, 9, 20-38.	0.5	0
15	Optimizing Energy in Wireless Sensor Networks using a Quantum Artificial Bee Colony. , 2018, , .		1
16	Deep Neural Network for Classification and Prediction of Oxygen Binding Proteins. , 2018, , .		1
17	Linked Open Data for New Item Problem Solving in Collaborative Recommender Systems. , 2018, , .		0
18	Advanced Machine Learning Models for Large Scale Gene Expression Analysis in Cancer Classification: Deep Learning Versus Classical Models. Communications in Computer and Information Science, 2018, , 210-221.	0.4	0

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19	WD2O: a novel wind driven dynamic optimization approach with effective change detection. Applied Intelligence, 2017, 47, 488-504.	3.3	5
20	Towards Clustering Validation in Big Data Context. , 2017, , .		4
21	Computational Intelligence Approaches for Energy Optimization in Wireless Sensor Networks. International Journal of Computational Intelligence and Applications, 2017, 16, 1750020.	0.6	4
22	Improving content based recommender systems using linked data cloud and FOAF vocabulary. , 2017, , .		6
23	CSCF: Clustering based-approach for social collaborative filtering. , 2017, , .		1
24	External clustering validation in big data context. , 2017, , .		3
25	Multi-Objective Cuckoo Search Under Multiple Archiving Strategies. International Journal of Computational Intelligence and Applications, 2016, 15, 1650020.	0.6	2
26	A New Design of Swarm Intelligence Based Metaheuristics for Constrained Multi-objective Optimization. , 2016, , .		1
27	A multiobjective integer differential evolution approach for computer aided drug design. , 2015, , .		1
28	Robust hybrid wrapper/filter biomarker discovery from gene expression data based on generalised island model. International Journal of Computational Biology and Drug Design, 2015, 8, 251.	0.3	3
29	An Ensemble of Cooperative Parallel Metaheuristics for Gene Selection in Cancer Classification. Lecture Notes in Computer Science, 2015, , 301-312.	1.0	6
30	A Modified Wind Driven Optimization Model for Global Continuous Optimization. Lecture Notes in Computer Science, 2015, , 294-304.	1.0	1
31	Toward a New Recommender System Based on Multi-criteria Hybrid Information Filtering. IFIP Advances in Information and Communication Technology, 2015, , 328-339.	0.5	5
32	Quantum behaved particle swarm optimization for data clustering with multiple objectives. , 2014, , .		3
33	A data-clustering approach based on artificial ant colonies with control of emergence. , 2014, , .		2
34	Bio-inspired algorithms for multilevel image thresholding. International Journal of Computer Applications in Technology, 2014, 49, 207.	0.3	12
35	A New Multi-region Modified Wind Driven Optimization Algorithm with Collision Avoidance for Dynamic Environments. Lecture Notes in Computer Science, 2014, , 412-421.	1.0	7
36	Nature-Inspired Metaheuristics for Automatic Multilevel Image Thresholding. International Journal of Applied Metaheuristic Computing, 2014, 5, 47-69.	0.5	4

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37	Cooperative Parallel Multi Swarm Model for Clustering in Gene Expression Profiling. Lecture Notes in Computer Science, 2014, , 450-459.	1.0	0
38	On extending quantum behaved particle swarm optimization to multiobjective context. , 2012, , .		5
39	Constrained Multi-objective Optimization Using a Quantum Behaved Particle Swarm. Lecture Notes in Computer Science, 2012, , 456-464.	1.0	2
40	Handling Fuzzy Image Clustering with a Modified ABC Algorithm. International Journal of Intelligent Systems and Applications, 2012, 4, 65-74.	0.9	18
41	An effective feature selection method for on-line signature based authentication. , 2011, , .		1
42	Ensemble classifiers for dynamic signature authentication. , 2011, , .		0
43	A quantum evolutionary algorithm for data clustering. International Journal of Data Mining, Modelling and Management, 2010, 2, 369.	0.1	13
44	A novel quantum behaved Particle Swarm optimization algorithm with chaotic search for image alignment. , 2010, , .		7
45	A novel approach for Online signature verification using fisher based probabilistic neural network. , 2010, , .		19
46	A Quantum Inspired Learning Cellular Automaton for Solving the Travelling Salesman Problem. , 2010, , .		0
47	Combining Fisher Discriminant Analysis and probabilistic neural network for effective on-line signature recognition. , 2010, , .		5
48	A New Artificial Immune System for Solving the Maximum Satisfiability Problem. Lecture Notes in Computer Science, 2010, , 136-142.	1.0	10
49	QPSO-MD: A Quantum Behaved Particle Swarm Optimization for Consensus Pattern Identification. Communications in Computer and Information Science, 2009, , 369-378.	0.4	3
50	Predator prey optimization for snakeâ€based contour detection. International Journal of Intelligent Computing and Cybernetics, 2009, 2, 228-242.	1.6	10
51	A Hybrid method for effective multiple sequence alignment. , 2009, , .		2
52	Image processing using quantum computing and reverse emergence. International Journal of Nano and Biomaterials, 2009, 2, 136.	0.1	10
53	Quantum Genetic Algorithm for Multiple RNA Structural Alignment. , 2008, , .		8
54	A Quantum Evolutionary Algorithm for Effective Multiple Sequence Alignment. Lecture Notes in Computer Science, 2005, , 260-271.	1.0	9

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55	A Quantum Inspired Evolutionary Framework for Multi-objective Optimization. Lecture Notes in Computer Science, 2005, , 190-201.	1.0	11
56	COMBINING EXTREMAL OPTIMIZATION WITH SINGULAR VALUE DECOMPOSITION FOR EFFECTIVE POINT MATCHING. International Journal of Pattern Recognition and Artificial Intelligence, 2003, 17, 1111-1126.	0.7	7
57	An Artificial Immune System for Multimodality Image Alignment. Lecture Notes in Computer Science, 2003, , 11-21.	1.0	7
58	Robust Point Correspondence for Image Registration Using Optimization with Extremal Dynamics. Lecture Notes in Computer Science, 2002, , 330-337.	1.0	12