

Simone A Ludwig

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6424104/publications.pdf>

Version: 2024-02-01

52
papers

1,004
citations

933447

10
h-index

752698

20
g-index

55
all docs

55
docs citations

55
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Analysis of Data Fusion Methods Applied to Epileptic Seizure Recognition. Journal of Artificial Intelligence and Soft Computing Research, 2022, 12, 5-17.	4.3	3
2	Genre based hybrid filtering for movie recommendation engine. Journal of Intelligent Information Systems, 2021, 56, 485-507.	3.9	6
3	Investigation of Orientation Estimation of Multiple IMUs. Unmanned Systems, 2021, 09, 283-291.	3.6	3
4	Parallel particle swarm optimization classification algorithm variant implemented with Apache Spark. Concurrency Computation Practice and Experience, 2020, 32, e5451.	2.2	6
5	A Cost-Sensitive Centroid-based Differential Evolution Classification Algorithm applied to Cancer Data Sets. , 2019, , .		4
6	Classification Models and Survival Analysis for Prostate Cancer Using RNA Sequencing and Clinical Data. , 2019, , .		0
7	Improving Data Privacy Using Fuzzy Logic and Autoencoder Neural Network. , 2019, , .		5
8	Enhancing the Performance of Classification Using Super Learning. Data-Enabled Discovery and Applications, 2019, 3, 1.	1.2	26
9	Applying a Neural Network Ensemble to Intrusion Detection. Journal of Artificial Intelligence and Soft Computing Research, 2019, 9, 177-188.	4.3	35
10	Performance Evaluation of Deep Neural Networks Applied to Speech Recognition: RNN, LSTM and GRU. Journal of Artificial Intelligence and Soft Computing Research, 2019, 9, 235-245.	4.3	261
11	Effect of Strategy Adaptation on Differential Evolution in Presence and Absence of Parameter Adaptation: An Investigation. Journal of Artificial Intelligence and Soft Computing Research, 2018, 8, 211-235.	4.3	18
12	Classification of Breast Cancer Risk Factors Using Several Resampling Approaches. , 2018, , .		10
13	Rule Discovery from Breast Cancer Risk Factors using Association Rule Mining. , 2018, , .		5
14	Centroid-Based Particle Swarm Optimization Variant for Data Classification. , 2018, , .		2
15	Comparing Spark with MapReduce. International Journal of Swarm Intelligence Research, 2018, 9, 1-22.	0.7	5
16	Investigation of different classifiers and channel configurations of a mobile P300-based brain-computer interface. Medical and Biological Engineering and Computing, 2017, 55, 2143-2154.	2.8	13
17	Side-channel analysis and machine learning: A practical perspective. , 2017, , .		59
18	Similarities and sensitivity: Immune and ant algorithms applied towards robotics. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	A Differential Evolution Based Multiclass Vehicle Detector and Classifier for Urban Environments. International Journal of Swarm Intelligence Research, 2017, 8, 19-42.	0.7	1
20	Sensor optimization using a genetic algorithm for structural health monitoring in harsh environments. Journal of Civil Structural Health Monitoring, 2016, 6, 509-519.	3.9	34
21	Running krill herd algorithm on Hadoop: A performance study. , 2016, , .		1
22	A Scalable MapReduce-enabled Glowworm Swarm Optimization Approach for High Dimensional Multimodal Functions. International Journal of Swarm Intelligence Research, 2016, 7, 32-54.	0.7	11
23	Adaptability of a discrete PSO algorithm applied to the Traveling Salesman Problem with fuzzy data. , 2015, , .		3
24	Analyzing gene expression data: Fuzzy decision tree algorithm applied to the classification of cancer data. , 2015, , .		18
25	A differential evolution based axle detector for robust vehicle classification. , 2015, , .		0
26	MapReduce-based fuzzy c-means clustering algorithm: implementation and scalability. International Journal of Machine Learning and Cybernetics, 2015, 6, 923-934.	3.6	76
27	Parallelization of Enhanced Firework Algorithm using MapReduce. International Journal of Swarm Intelligence Research, 2015, 6, 32-51.	0.7	9
28	Parallel glowworm swarm optimization clustering algorithm based on MapReduce. , 2014, , .		29
29	Fuzzy clustering using automatic particle swarm optimization. , 2014, , .		6
30	A fuzzy discrete particle swarm optimization classifier for rule classification. International Journal of Hybrid Intelligent Systems, 2014, 11, 145-156.	1.2	2
31	Particle Swarm Optimization Based Fuzzy Clustering Approach to Identify Optimal Number of Clusters. Journal of Artificial Intelligence and Soft Computing Research, 2014, 4, 43-56.	4.3	28
32	Clonal selection based fuzzy C-means algorithm for clustering. , 2014, , .		6
33	Repulsive Self-Adaptive Acceleration Particle Swarm Optimization Approach. Journal of Artificial Intelligence and Soft Computing Research, 2014, 4, 189-204.	4.3	8
34	Memetic algorithms applied to the optimization of workflow compositions. Swarm and Evolutionary Computation, 2013, 10, 31-40.	8.1	8
35	MapReduce intrusion detection system based on a particle swarm optimization clustering algorithm. , 2013, , .		43
36	A MapReduce based glowworm swarm optimization approach for multimodal functions. , 2013, , .		9

#	ARTICLE	IF	CITATIONS
37	Fuzzy decision tree using soft discretization and a genetic algorithm based feature selection method. , 2013, , .		4
38	Extracting workflow structures through Bayesian learning and provenance data. , 2013, , .		1
39	Improving genetic programming classification for binary and multiclass datasets. , 2013, , .		8
40	Particle Swarm Optimization Approach with Parameter-Wise Hill-Climbing Heuristic for Task Allocation of Workflow Applications on the Cloud. , 2013, , .		3
41	Automatic service composition using POMDP and provenance data. , 2013, , .		5
42	Scaling Genetic Programming for data classification using MapReduce methodology. , 2013, , .		6
43	A new clustering approach based on Glowworm Swarm Optimization. , 2013, , .		43
44	Discrete Particle Swarm Optimization with local search strategy for Rule Classification. , 2012, , .		7
45	Adaptive genetic programming applied to classification in data mining. , 2012, , .		4
46	Parallel particle swarm optimization clustering algorithm based on MapReduce methodology. , 2012, , .		55
47	Applying Particle Swarm Optimization to Quality-of-Service-Driven Web Service Composition. , 2012, , .		26
48	Web service selection using particle swarm optimization and genetic algorithms. , 2011, , .		3
49	Nature-inspired reconfiguration of overlay networks. , 2011, , .		1
50	Single-objective versus multi-objective Genetic algorithms for workflow composition based on service level agreements. , 2011, , .		3
51	Swarm Intelligence Approaches for Grid Load Balancing. Journal of Grid Computing, 2011, 9, 279-301.	3.9	65
52	Using artificial life techniques for distributed grid job scheduling. , 2009, , .		14