

Shingo Mabu

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

547
citations

1478280

6
h-index

839398

18
g-index

30
all docs

30
docs citations

30
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	A Graph-Based Evolutionary Algorithm: Genetic Network Programming (GNP) and Its Extension Using Reinforcement Learning. <i>Evolutionary Computation</i> , 2007, 15, 369-398.	2.3	252
2	An Intrusion-Detection Model Based on Fuzzy Class-Association-Rule Mining Using Genetic Network Programming. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , 2011, 41, 130-139.	3.3	161
3	Enhanced decision making mechanism of rule-based genetic network programming for creating stock trading signals. <i>Expert Systems With Applications</i> , 2013, 40, 6311-6320.	4.4	41
4	Time Series Prediction Using DBN and ARIMA. , 2015, , .		19
5	Combination of genetic network programming and knapsack problem to support record clustering on distributed databases. <i>Expert Systems With Applications</i> , 2016, 46, 15-23.	4.4	9
6	An Improved Reinforcement Learning System Using Affective Factors. <i>Robotics</i> , 2013, 2, 149-164.	2.1	8
7	Semi-supervised CycleGAN for domain transformation of chest CT images and its application to opacity classification of diffuse lung diseases. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021, 16, 1925-1935.	1.7	8
8	A random-forests-based classifier using class association rules and its application to an intrusion detection system. <i>Artificial Life and Robotics</i> , 2016, 21, 371-377.	0.7	7
9	Unsupervised class labeling of diffuse lung diseases using frequent attribute patterns. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2017, 12, 519-528.	1.7	6
10	A Class Association Rule Based Classifier Using Probability Density Functions for Intrusion Detection Systems. <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , 2015, 19, 555-566.	0.5	5
11	Implementation of genetic network programming and knapsack problem for record clustering on distributed database. , 2014, , .		4
12	Evolutionary Rule Based Clustering for Making Fuzzy Object Oriented Database Models. , 2015, , .		4
13	Investigating the Effects of Transfer Learning on ROI-based Classification of Chest CT Images: A Case Study on Diffuse Lung Diseases. <i>Journal of Signal Processing Systems</i> , 2020, 92, 307-313.	1.4	4
14	MBFP generalized association rule mining and classification in traffic volume prediction. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2011, 6, 457-467.	0.8	3
15	SemiSupervised Learning for Class Association Rule Mining Using Genetic Network Programming. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2020, 15, 733-740.	0.8	3
16	A Cooperative Coevolutionary Stock Trading Model Using Genetic Network Programming-Sarsa. <i>Journal of Advanced Computational Intelligence and Intelligent Informatics</i> , 2012, 16, 581-590.	0.5	3
17	Ensemble learning of rule-based evolutionary algorithm using multi layer perceptron for stock trading models. , 2014, , .		2
18	Behavior Selection Method of Robots Based on a Markovian Emotional Model. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 2014, 134, 85-93.	0.1	2

#	ARTICLE	IF	CITATIONS
19	Adaptive Control System Based on Self-Organizing Wavelet Neural Network with H8 Tracking Performance Compensator. , 2013, , .		1
20	A variable size mechanism of distributed graph programs and its performance evaluation in agent control problems. Expert Systems With Applications, 2014, 41, 1663-1671.	4.4	1
21	Two-Stage Reinforcement Learning on Credit Branch Genetic Network Programming for Mobile Robots. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 856-863.	0.1	1
22	Efficient Pruning of Class Association Rules Using Statistics and Genetic Relation Algorithm. SICE Journal of Control Measurement and System Integration, 2010, 3, 336-345.	0.4	1
23	A Control System Based on Auto-Fusion Cerebellar Perceptron Improved Model and Its Application to Consensus Problem. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 990-998.	0.1	1
24	Segmentation of Diffuse Lung Abnormality Patterns on Computed Tomography Images using Partially Supervised Learning. Advanced Biomedical Engineering, 2022, 11, 25-36.	0.4	1
25	A variable size mechanism of distributed graph programs for creating agent behaviors. , 2013, , .		0
26	Dynamical Recollection and Storage of Video Images via MCNN and SOM. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 414-422.	0.1	0
27	An Evolutionary Algorithm for Making Decision Graphs for Classification Problems. Proceedings of International Conference on Artificial Life and Robotics, 2016, 21, 458-462.	0.1	0
28	Unsupervised and semi-supervised learning for efficient opacity annotation of diffuse lung diseases. , 2019, , .		0
29	Clinical Applications of MCA to Diagnosis. , 2022, , 89-96.		0