

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 | Clinical Applications of MCA to Diagnosis. , 2022, , 89-96. | | 0 |
| 2 | Segmentation of Diffuse Lung Abnormality Patterns on Computed Tomography Images using Partially Supervised Learning. Advanced Biomedical Engineering, 2022, 11, 25-36. | 0.4 | 1 |
| 3 | Semi-supervised CycleGAN for domain transformation of chest CT images and its application to opacity classification of diffuse lung diseases. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 1925-1935. | 1.7 | 8 |
| 4 | SemiSupervised Learning for Class Association Rule Mining Using Genetic Network Programming. IEEJ Transactions on Electrical and Electronic Engineering, 2020, 15, 733-740. | 0.8 | 3 |
| 5 | Investigating the Effects of Transfer Learning on ROI-based Classification of Chest CT Images: A Case Study on Diffuse Lung Diseases. Journal of Signal Processing Systems, 2020, 92, 307-313. | 1.4 | 4 |
| 6 | Unsupervised and semi-supervised learning for efficient opacity annotation of diffuse lung diseases. , 2019, , . | | 0 |
| 7 | Unsupervised class labeling of diffuse lung diseases using frequent attribute patterns. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 519-528. | 1.7 | 6 |
| 8 | A random-forests-based classifier using class association rules and its application to an intrusion detection system. Artificial Life and Robotics, 2016, 21, 371-377. | 0.7 | 7 |
| 9 | Combination of genetic network programming and knapsack problem to support record clustering on distributed databases. Expert Systems With Applications, 2016, 46, 15-23. | 4.4 | 9 |
| 10 | 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 |
| 11 | Evolutionary Rule Based Clustering for Making Fuzzy Object Oriented Database Models. , 2015, , . | | 4 |
| 12 | Time Series Prediction Using DBN and ARIMA. , 2015, , . | | 19 |
| 13 | A Class Association Rule Based Classifier Using Probability Density Functions for Intrusion Detection Systems. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2015, 19, 555-566. | 0.5 | 5 |
| 14 | 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 |
| 15 | Ensemble learning of rule-based evolutionary algorithm using multi layer perceptron for stock trading models. , 2014, , . | | 2 |
| 16 | Implementation of genetic network programming and knapsack problem for record clustering on distributed database. , 2014, , . | | 4 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Behavior Selection Method of Robots Based on a Markovian Emotional Model. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 85-93. | 0.1 | 2 |
| 20 | A variable size mechanism of distributed graph programs for creating agent behaviors. , 2013, , . | | 0 |
| 21 | Enhanced decision making mechanism of rule-based genetic network programming for creating stock trading signals. Expert Systems With Applications, 2013, 40, 6311-6320. | 4.4 | 41 |
| 22 | Adaptive Control System Based on Self-Organizing Wavelet Neural Network with H8 Tracking Performance Compensator. , 2013, , . | | 1 |
| 23 | An Improved Reinforcement Learning System Using Affective Factors. Robotics, 2013, 2, 149-164. | 2.1 | 8 |
| 24 | 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 |
| 25 | A Cooperative Coevolutionary Stock Trading Model Using Genetic Network Programming-Sarsa. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2012, 16, 581-590. | 0.5 | 3 |
| 26 | An Intrusion-Detection Model Based on Fuzzy Class-Association-Rule Mining Using Genetic Network Programming. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2011, 41, 130-139. | 3.3 | 161 |
| 27 | MBFP generalized association rule mining and classification in traffic volume prediction. IEEJ Transactions on Electrical and Electronic Engineering, 2011, 6, 457-467. | 0.8 | 3 |
| 28 | 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 |
| 29 | A Graph-Based Evolutionary Algorithm: Genetic Network Programming (GNP) and Its Extension Using Reinforcement Learning. Evolutionary Computation, 2007, 15, 369-398. | 2.3 | 252 |