

Byung-Ro Moon

List of Publications by Year in descending order

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41
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citations

686830

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23
g-index

43
all docs

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docs citations

43
times ranked

425
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Application of machine learning to an early warning system for very short-term heavy rainfall. Journal of Hydrology, 2019, 568, 1042-1054. | 2.3 | 56 |
| 2 | Finding attractive technical patterns in cryptocurrency markets. Memetic Computing, 2018, 10, 301-306. | 2.7 | 14 |
| 3 | Detecting Anomalies in Meteorological Data Using Support Vector Regression. Advances in Meteorology, 2018, 2018, 1-14. | 0.6 | 12 |
| 4 | The evolution of neural network-based chart patterns. , 2017, , . | | 2 |
| 5 | A New Adaptive Hungarian Mating Scheme in Genetic Algorithms. Discrete Dynamics in Nature and Society, 2016, 2016, 1-13. | 0.5 | 0 |
| 6 | A Genetic Algorithm for Rule-based Chart Pattern Search in Stock Market Prices. , 2016, , . | | 4 |
| 7 | Fast Knowledge Discovery in Time Series with GPGPU on Genetic Programming. , 2015, , . | | 3 |
| 8 | Correcting abnormalities in meteorological data by machine learning. , 2014, , . | | 7 |
| 9 | Investigation of hungarian mating schemes for genetic algorithms. , 2014, , . | | 1 |
| 10 | A theoretical and empirical investigation on the Lagrangian capacities of the 0-1 multidimensional knapsack problem. European Journal of Operational Research, 2012, 218, 366-376. | 3.5 | 11 |
| 11 | Quotient geometric crossovers and redundant encodings. Theoretical Computer Science, 2012, 425, 4-16. | 0.5 | 17 |
| 12 | Genetic approaches for graph partitioning. , 2011, , . | | 56 |
| 13 | A Note on Edge-based Graph Partitioning and its Linear Algebraic Structure. Mathematical Modelling and Algorithms, 2011, 10, 269-276. | 0.5 | 3 |
| 14 | Automatic Reproduction of a Genius Algorithm: Strassen's Algorithm Revisited by Genetic Search. IEEE Transactions on Evolutionary Computation, 2010, 14, 246-251. | 7.5 | 12 |
| 15 | A new modular genetic programming for finding attractive technical patterns in stock markets. , 2010, , . | | 3 |
| 16 | Lower and Upper Bounds for Linkage Discovery. IEEE Transactions on Evolutionary Computation, 2009, 13, 201-216. | 7.5 | 11 |
| 17 | Normalization for Genetic Algorithms With Nonsynonymously Redundant Encodings. IEEE Transactions on Evolutionary Computation, 2008, 12, 604-616. | 7.5 | 27 |
| 18 | A Lagrangian Approach for Multiple Personalized Campaigns. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 383-396. | 4.0 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Feasibility-preserving crossover for maximum k-coverage problem. , 2008, , . | | 2 |
| 20 | Geometric Crossovers for Multiway Graph Partitioning. Evolutionary Computation, 2007, 15, 445-474. | 2.3 | 46 |
| 21 | Properties of Symmetric Fitness Functions. IEEE Transactions on Evolutionary Computation, 2007, 11, 743-757. | 7.5 | 7 |
| 22 | Critical heat flux function approximation using genetic algorithms. IEEE Transactions on Nuclear Science, 2005, 52, 535-545. | 1.2 | 11 |
| 23 | An evolutionary lagrangian method for the 0/1 multiple knapsack problem. , 2005, , . | | 11 |
| 24 | A Graph-Based Lamarckianâ€“Baldwinian Hybrid for the Sorting Network Problem. IEEE Transactions on Evolutionary Computation, 2005, 9, 105-114. | 7.5 | 18 |
| 25 | Lock-Gain Based Graph Partitioning. Journal of Heuristics, 2004, 10, 37-57. | 1.1 | 29 |
| 26 | Investigation of the Fitness Landscapes in Graph Bipartitioning: An Empirical Study. Journal of Heuristics, 2004, 10, 111-133. | 1.1 | 13 |
| 27 | A Hybrid Genetic Approach for Circuit Bipartitioning. Lecture Notes in Computer Science, 2004, , 1054-1064. | 1.0 | 5 |
| 28 | Neural Network Normalization for Genetic Search. Lecture Notes in Computer Science, 2004, , 398-399. | 1.0 | 3 |
| 29 | New Usage of SOM for Genetic Algorithms. Lecture Notes in Computer Science, 2003, , 1101-1111. | 1.0 | 0 |
| 30 | Problem-Independent Schema Synthesis for Genetic Algorithms. Lecture Notes in Computer Science, 2003, , 1112-1122. | 1.0 | 4 |
| 31 | A Survey on Chromosomal Structures and Operators for Exploiting Topological Linkages of Genes. Lecture Notes in Computer Science, 2003, , 1357-1368. | 1.0 | 5 |
| 32 | Toward minimal restriction of genetic encoding and crossovers for the two-dimensional Euclidean TSP. IEEE Transactions on Evolutionary Computation, 2002, 6, 557-565. | 7.5 | 48 |
| 33 | An empirical study on the synergy of multiple crossover operators. IEEE Transactions on Evolutionary Computation, 2002, 6, 212-223. | 7.5 | 58 |
| 34 | Adaptive elevator group control with cameras. IEEE Transactions on Industrial Electronics, 2001, 48, 377-382. | 5.2 | 26 |
| 35 | GEORG: VLSI circuit partitioner with a new genetic algorithm framework. Journal of Intelligent Manufacturing, 1998, 9, 401-412. | 4.4 | 16 |
| 36 | Dynamic embedding for genetic VLSI circuit partitioning. Engineering Applications of Artificial Intelligence, 1998, 11, 67-76. | 4.3 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | GRCA: a hybrid genetic algorithm for circuit ratio-cut partitioning. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 1998, 17, 193-204. | 1.9 | 19 |
| 38 | Improved Large-Step Markov Chain Variants for the Symmetric TSP. Journal of Heuristics, 1997, 3, 63-81. | 1.1 | 28 |
| 39 | Optimization of multi-way clustering and retrieval using genetic algorithms in reusable class library. , 0, , . | | 2 |
| 40 | A graph-based approach to the sorting network problem. , 0, , . | | 0 |
| 41 | Local search-embedded genetic algorithms for feature selection. , 0, , . | | 10 |