

Byung-Ro Moon

List of Publications by Year in descending order

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41
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687363

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43
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43
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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.	5.4	56
2	Finding attractive technical patterns in cryptocurrency markets. Memetic Computing, 2018, 10, 301-306.	4.0	14
3	Detecting Anomalies in Meteorological Data Using Support Vector Regression. Advances in Meteorology, 2018, 2018, 1-14.	1.6	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.	0.9	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.	5.7	11
11	Quotient geometric crossovers and redundant encodings. Theoretical Computer Science, 2012, 425, 4-16.	0.9	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.	10.0	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.	10.0	11
17	Normalization for Genetic Algorithms With Nonsynonymously Redundant Encodings. IEEE Transactions on Evolutionary Computation, 2008, 12, 604-616.	10.0	27
18	A Lagrangian Approach for Multiple Personalized Campaigns. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 383-396.	5.7	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.	3.0	46
21	Properties of Symmetric Fitness Functions. IEEE Transactions on Evolutionary Computation, 2007, 11, 743-757.	10.0	7
22	Critical heat flux function approximation using genetic algorithms. IEEE Transactions on Nuclear Science, 2005, 52, 535-545.	2.0	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.	10.0	18
25	Lock-Gain Based Graph Partitioning. Journal of Heuristics, 2004, 10, 37-57.	1.4	29
26	Investigation of the Fitness Landscapes in Graph Bipartitioning: An Empirical Study. Journal of Heuristics, 2004, 10, 111-133.	1.4	13
27	A Hybrid Genetic Approach for Circuit Bipartitioning. Lecture Notes in Computer Science, 2004, , 1054-1064.	1.3	5
28	Neural Network Normalization for Genetic Search. Lecture Notes in Computer Science, 2004, , 398-399.	1.3	3
29	New Usage of SOM for Genetic Algorithms. Lecture Notes in Computer Science, 2003, , 1101-1111.	1.3	0
30	Problem-Independent Schema Synthesis for Genetic Algorithms. Lecture Notes in Computer Science, 2003, , 1112-1122.	1.3	4
31	A Survey on Chromosomal Structures and Operators for Exploiting Topological Linkages of Genes. Lecture Notes in Computer Science, 2003, , 1357-1368.	1.3	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.	10.0	48
33	An empirical study on the synergy of multiple crossover operators. IEEE Transactions on Evolutionary Computation, 2002, 6, 212-223.	10.0	58
34	Adaptive elevator group control with cameras. IEEE Transactions on Industrial Electronics, 2001, 48, 377-382.	7.9	26
35	GEORG: VLSI circuit partitioner with a new genetic algorithm framework. Journal of Intelligent Manufacturing, 1998, 9, 401-412.	7.3	16
36	Dynamic embedding for genetic VLSI circuit partitioning. Engineering Applications of Artificial Intelligence, 1998, 11, 67-76.	8.1	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.	2.7	19
38	Improved Large-Step Markov Chain Variants for the Symmetric TSP. Journal of Heuristics, 1997, 3, 63-81.	1.4	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