Nadarajen Veerapen

List of Publications by Year
in descending order

30 papers	348 citations	1051969 10 h-index	1051228 16 g-index
31 all docs	31 docs citations	31 times ranked	245 citing authors

#	Article	IF	Citations
1	Preface to the Special Cluster on Stochastic Local Search: Recent Developments and Trends. International Transactions in Operational Research, 2022, 29, 2735-2736.	1.8	1
2	Investigating the landscape of a hybrid local search approach for a timetabling problem. , 2021, , .		4
3	Inferring Future Landscapes: Sampling the Local Optima Level. Evolutionary Computation, 2020, 28, 621-641.	2.3	11
4	An Approximate Method for Integrated Stochastic Replenishment Planning with Supplier Selection. , 2020, , .		0
5	Automatic Configuration of Multi-Thread Local Search: Preliminary Results on Bi-objective TSP. , 2020, , .		0
6	A hybrid metaheuristic approach to a real world employee scheduling problem. , 2019, , .		5
7	Rigorous Performance Analysis of State-of-the-Art TSP Heuristic Solvers. Lecture Notes in Computer Science, 2019, , 99-114.	1.0	5
8	How Perturbation Strength Shapes the Global Structure of TSP Fitness Landscapes. Lecture Notes in Computer Science, 2018, , 34-49.	1.0	9
9	Mapping the global structure of TSP fitness landscapes. Journal of Heuristics, 2018, 24, 265-294.	1.1	46
10	Visualising the global structure of search landscapes: genetic improvement as a case study. Genetic Programming and Evolvable Machines, 2018, 19, 317-349.	1.5	12
11	Shift Scheduling and Employee Rostering: An Evolutionary Ruin & Stochastic Recreate Solution. , 2018, , .		1
12	Search-maps. , 2018, , .		0
13	Multifractality and dimensional determinism in local optima networks. , 2018, , .		3
14	On the Fractal Nature of Local Optima Networks. Lecture Notes in Computer Science, 2018, , 18-33.	1.0	4
15	Understanding Phase Transitions with Local Optima Networks: Number Partitioning as a Case Study. Lecture Notes in Computer Science, 2017, , 233-248.	1.0	29
16	Visualising the Search Landscape of the Triangle Program. Lecture Notes in Computer Science, 2017, , 96-113.	1.0	15
17	The effect of landscape funnels in QAPLIB instances. , 2017, , .		7
18	Modelling genetic improvement landscapes with local optima networks. , 2017, , .		15

#	Article	IF	Citations
19	Local Optima Networks of the Permutation Flowshop Scheduling Problem: Makespan vs. total flow time. , 2017, , .		10
20	Additional Dimensions to the Study of Funnels in Combinatorial Landscapes. , 2016, , .		13
21	The Multi-Funnel Structure of TSP Fitness Landscapes: A Visual Exploration. Lecture Notes in Computer Science, 2016, , 1-13.	1.0	16
22	Deconstructing the Big Valley Search Space Hypothesis. Lecture Notes in Computer Science, 2016, , 58-73.	1.0	29
23	Tunnelling Crossover Networks for the Asymmetric TSP. Lecture Notes in Computer Science, 2016, , 994-1003.	1.0	12
24	An Integer Linear Programming approach to the single and bi-objective Next Release Problem. Information and Software Technology, 2015, 65, 1-13.	3.0	53
25	Embedded Dynamic Improvement. , 2015, , .		10
26	Object-Oriented Genetic Improvement for Improved Energy Consumption in Google Guava. Lecture Notes in Computer Science, 2015, , 255-261.	1.0	20
27	Using Local Search with adaptive operator selection to solve the Progressive Party Problem. , 2013, , .		2
28	An exploration-exploitation compromise-based adaptive operator selection for local search. , 2012, , .		10
29	A Comparison of Operator Utility Measures for On-Line Operator Selection in Local Search. Lecture Notes in Computer Science, 2012, , 497-502.	1.0	1
30	Pareto Autonomous Local Search. Lecture Notes in Computer Science, 2011, , 392-406.	1.0	4