Kevin Tierney

List of Publications by Year
in descending order

38 papers	1,044 citations	516710 16 h-index	434195 31 g-index
44 all docs	44 docs citations	44 times ranked	783 citing authors

#	Article	IF	Citations
1	Collaborative urban transportation: Recent advances in theory and practice. European Journal of Operational Research, 2019, 273, 801-816.	5.7	204
2	A Gender-Based Genetic Algorithm for the Automatic Configuration of Algorithms. Lecture Notes in Computer Science, 2009, , 142-157.	1.3	166
3	ASlib: A benchmark library for algorithm selection. Artificial Intelligence, 2016, 237, 41-58.	5.8	121
4	A mathematical model of inter-terminal transportation. European Journal of Operational Research, 2014, 235, 448-460.	5.7	71
5	Deep learning assisted heuristic tree search for the container pre-marshalling problem. Computers and Operations Research, 2020, 113, 104781.	4.0	52
6	Solving real-world sized container pre-marshalling problems with an iterative deepening branch-and-bound algorithm. European Journal of Operational Research, 2018, 264, 165-180.	5.7	39
7	On the complexity of container stowage planning problems. Discrete Applied Mathematics, 2014, 169, 225-230.	0.9	38
8	Liner shipping cargo allocation with service levels and speed optimization. Transportation Research, Part E: Logistics and Transportation Review, 2015, 84, 40-60.	7.4	37
9	A biased random-key genetic algorithm for the container pre-marshalling problem. Computers and Operations Research, 2016, 75, 83-102.	4.0	36
10	Solving the pre-marshalling problem to optimality with A* and IDA*. Flexible Services and Manufacturing Journal, 2017, 29, 223-259.	3.4	36
11	A branch and bound approach for large pre-marshalling problems. European Journal of Operational Research, 2019, 278, 211-225.	5.7	24
12	Integrating fleet deployment into liner shipping vessel repositioning. Transportation Research, Part E: Logistics and Transportation Review, 2020, 143, 102101.	7.4	22
13	A genetic algorithm for finding realistic sea routes considering the weather. Journal of Heuristics, 2020, 26, 801-825.	1.4	18
14	CP Methods for Scheduling and Routing with Time-Dependent Task Costs. Lecture Notes in Computer Science, 2013, , 111-127.	1.3	18
15	Solving the Liner Shipping Fleet Repositioning Problem with Cargo Flows. Transportation Science, 2015, 49, 652-674.	4.4	17
16	Liner shipping single service design problem with arrival time service levels. Flexible Services and Manufacturing Journal, 2019, 31, 620-652.	3.4	17
17	Features for Exploiting Black-Box Optimization Problem Structure. Lecture Notes in Computer Science, 2013, , 30-36.	1.3	16
18	Minimizing crane times in pre-marshalling problems. Transportation Research, Part E: Logistics and Transportation Review, 2020, 137, 101917.	7.4	14

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19	Modeling signal-based decisions in online search environments: A non-recursive forward-looking approach. Information and Management, 2016, 53, 207-226.	6.5	13
20	CP methods for scheduling and routing withÂtime-dependent task costs. EURO Journal on Computational Optimization, 2014, 2, 147-194.	2.4	12
21	The Liner Shipping Fleet Repositioning Problem with Cargo Flows. Lecture Notes in Computer Science, 2012, , 1-16.	1.3	10
22	Decision support and data visualization for liner shipping fleet repositioning. Information Technology and Management, 2017, 18, 203-221.	2.4	9
23	Solving the Robust Container Pre-Marshalling Problem. Lecture Notes in Computer Science, 2016, , 131-145.	1.3	8
24	An Algorithm Selection Benchmark of the Container Pre-marshalling Problem. Lecture Notes in Computer Science, 2015, , 17-22.	1.3	8
25	Simulating Storage Policies for an Automated Grid-Based Warehouse System. Lecture Notes in Computer Science, 2017, , 468-482.	1.3	7
26	Hyper-Reactive Tabu Search for MaxSAT. Lecture Notes in Computer Science, 2019, , 309-325.	1.3	4
27	Liner Shipping Fleet Repositioning. Operations Research/ Computer Science Interfaces Series, 2015, , 21-34.	0.3	4
28	The stochastic liner shipping fleet repositioning problem with uncertain container demands and travel times. EURO Journal on Transportation and Logistics, 2021, 10, 100052.	2.2	3
29	Pool-Based Realtime Algorithm Configuration: A Preselection Bandit Approach. Lecture Notes in Computer Science, 2020, , 216-232.	1.3	3
30	Structure-Preserving Instance Generation. Lecture Notes in Computer Science, 2016, , 123-140.	1.3	3
31	A Node Flow Model for the Inflexible Visitation Liner Shipping Fleet Repositioning Problem with Cargo Flows. Lecture Notes in Computer Science, 2013, , 18-34.	1.3	3
32	Liner Shipping Fleet Repositioning with Cargo. Operations Research/ Computer Science Interfaces Series, 2015, , 89-139.	0.3	2
33	Integrating Fleet Deployment into the Liner Shipping Cargo Allocation Problem. Lecture Notes in Computer Science, 2017, , 306-320.	1.3	1
34	Self-configuring Cost-Sensitive Hierarchical Clustering with Recourse. Lecture Notes in Computer Science, 2018, , 524-534.	1.3	1
35	PyDGGA: Distributed GGA for Automatic Configuration. Lecture Notes in Computer Science, 2021, , 11-20.	1.3	1
36	A Hybrid Reactive Tabu Search for Liner Shipping Fleet Repositioning. Lecture Notes in Computer Science, 2015, , 123-138.	1.3	1

#	Article	IF	Citations
37	Multi-objective Optimization for Liner Shipping Fleet Repositioning. Lecture Notes in Computer Science, 2017, , 622-638.	1.3	0
38	Hyper-parameterized Dialectic Search for Non-linear Box-Constrained Optimization with Heterogenous Variable Types. Lecture Notes in Computer Science, 2020, , 102-116.	1.3	0