Sergey Polyakovskiy

List of Publications by Year
in descending order

23 papers	491 citations	1039406 9 h-index	940134 16 g-index
23 all docs	23 docs citations	23 times ranked	405 citing authors

#	Article	IF	Citations
1	A lookahead matheuristic for the unweighed variable-sized two-dimensional bin packing problem. European Journal of Operational Research, 2022, 299, 104-117.	3.5	2
2	Just-in-time two-dimensional bin packing. Omega, 2021, 102, 102311.	3.6	18
3	Just-in-time batch scheduling subject to batch size. , 2020, , .		3
4	A Fully Polynomial Time Approximation Scheme for Packing While Traveling. Lecture Notes in Computer Science, 2019, , 59-72.	1.0	6
5	A hybrid feasibility constraints-guided search to the two-dimensional bin packing problem with due dates. European Journal of Operational Research, 2018, 266, 819-839.	3.5	29
6	Evolutionary computation plus dynamic programming for the bi-objective travelling thief problem. , 2018, , .		16
7	Sustainable supply chain network design: A case of the wine industry in Australia. Omega, 2017, 66, 236-247.	3.6	142
8	Just-in-time batch scheduling problem with two-dimensional bin packing constraints. , 2017, , .		2
9	The Packing While Traveling Problem. European Journal of Operational Research, 2017, 258, 424-439.	3.5	13
10	Exact Approaches for the Travelling ThiefÂProblem. Lecture Notes in Computer Science, 2017, , 110-121.	1.0	20
11	On the Impact of the Renting Rate for the Unconstrained Nonlinear Knapsack Problem. , 2016, , .		12
12	The Focus of Attention Problem. Algorithmica, 2016, 74, 559-573.	1.0	1
13	Solving hard control problems in voting systems via integer programming. European Journal of Operational Research, 2016, 250, 204-213.	3.5	7
14	Approximate Approaches to the Traveling Thief Problem. , 2015, , .		41
15	Packing While Traveling: Mixed Integer Programming for a Class of Nonlinear Knapsack Problems. Lecture Notes in Computer Science, 2015, , 332-346.	1.0	7
16	A comprehensive benchmark set and heuristics for the traveling thief problem. , 2014, , .		76
17	A multi-agent system for the weighted earliness tardiness parallel machine problem. Computers and Operations Research, 2014, 44, 115-136.	2.4	25
18	The three-dimensional matching problem in Kalmanson matrices. Journal of Combinatorial Optimization, 2013, 26, 1-9.	0.8	11

#	Article	IF	Citations
19	Between a rock and a hard place: the two-to-one assignment problem. Mathematical Methods of Operations Research, 2012, 76, 223-237.	0.4	7
20	An Intelligent Framework to Online Bin Packing in a Just-In-Time Environment. Lecture Notes in Computer Science, 2011, , 226-236.	1.0	2
21	The approximability of three-dimensional assignment problems with bottleneck objective. Optimization Letters, 2010, 4, 7-16.	0.9	10
22	Between a Rock and a Hard Place: The Two-to-One Assignment Problem. Lecture Notes in Computer Science, 2010, , 159-169.	1.0	0
23	An agent-based approach to the two-dimensional guillotine bin packing problem. European Journal of Operational Research, 2009, 192, 767-781.	3.5	41