

Mikhail V Batsyn

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

272
citations

933447

10
h-index

940533

16
g-index

29
all docs

29
docs citations

29
times ranked

230
citing authors

#	ARTICLE	IF	CITATIONS
1	Vehicle assignment in site-dependent vehicle routing problems with split deliveries. <i>Operational Research</i> , 2021, 21, 399-423.	2.0	6
2	NP-completeness of cell formation problem with grouping efficacy objective. <i>International Journal of Production Research</i> , 2020, 58, 6159-6169.	7.5	6
3	Fast Heuristic for Vehicle Routing Problem on Trees. <i>Communications in Computer and Information Science</i> , 2020, , 379-386.	0.5	0
4	A branch-and-bound algorithm for the cell formation problem. <i>International Journal of Production Research</i> , 2018, 56, 3262-3273.	7.5	11
5	An efficient exact model for the cell formation problem with a variable number of production cells. <i>Computers and Operations Research</i> , 2018, 91, 112-120.	4.0	15
6	An enhanced bitstring encoding for exact maximum clique search in sparse graphs. <i>Optimization Methods and Software</i> , 2017, 32, 312-335.	2.4	4
7	Heuristic for Maximizing Grouping Efficiency in the Cell Formation Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , 2017, , 11-26.	0.2	0
8	Improved initial vertex ordering for exact maximum clique search. <i>Applied Intelligence</i> , 2016, 45, 868-880.	5.3	16
9	A fast greedy sequential heuristic for the vertex colouring problem based on bitwise operations. <i>Journal of Combinatorial Optimization</i> , 2016, 31, 1665-1677.	1.3	7
10	A Branch and Bound Algorithm for the Cell Formation Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , 2016, , 115-124.	0.2	1
11	A Branch and Bound Algorithm for a Fractional 0-1 Programming Problem. <i>Lecture Notes in Computer Science</i> , 2016, , 244-255.	1.3	4
12	Infra-chromatic bound for exact maximum clique search. <i>Computers and Operations Research</i> , 2015, 64, 293-303.	4.0	31
13	Heuristic for Site-Dependent Truck and Trailer Routing Problem with Soft and Hard Time Windows and Split Deliveries. <i>Lecture Notes in Computer Science</i> , 2015, , 65-79.	1.3	2
14	Online heuristic for the preemptive single machine scheduling problem of minimizing the total weighted completion time. <i>Optimization Methods and Software</i> , 2014, 29, 955-963.	2.4	11
15	Improvements to MCS algorithm for the maximum clique problem. <i>Journal of Combinatorial Optimization</i> , 2014, 27, 397-416.	1.3	45
16	Speeding up branch and bound algorithms for solving the maximum clique problem. <i>Journal of Global Optimization</i> , 2014, 59, 1-21.	1.8	26
17	Exact model for the cell formation problem. <i>Optimization Letters</i> , 2014, 8, 2203-2210.	1.6	16
18	Dynamics of cluster structures in a financial market network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2014, 413, 523-533.	2.6	35

#	ARTICLE	IF	CITATIONS
19	Heuristic for a Real-life Truck and Trailer Routing Problem. <i>Procedia Computer Science</i> , 2014, 31, 778-792.	2.0	10
20	A Dynamic Programming Heuristic for Optimizing Slot Sizes in a Warehouse. <i>Procedia Computer Science</i> , 2014, 31, 773-777.	2.0	3
21	Initial Sorting of Vertices in the Maximum Clique Problem Reviewed. <i>Lecture Notes in Computer Science</i> , 2014, , 111-120.	1.3	6
22	Tolerance-Based vs. Cost-Based Branching for the Asymmetric Capacitated Vehicle Routing Problem. <i>Springer Proceedings in Mathematics and Statistics</i> , 2013, , 1-10.	0.2	1
23	Pattern-Based Heuristic for the Cell Formation Problem in Group Technology. <i>Springer Proceedings in Mathematics and Statistics</i> , 2013, , 11-50.	0.2	4
24	Speeding up MCS Algorithm for the Maximum Clique Problem with ILS Heuristic and Other Enhancements. <i>Springer Proceedings in Mathematics and Statistics</i> , 2013, , 93-99.	0.2	1
25	Power Index axiomatics in the problem of voting with quota. <i>Automation and Remote Control</i> , 2011, 72, 600-614.	0.8	0