

Jesper Larsen

List of Publications by Year in descending order

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36
papers

2,032
citations

361296

20
h-index

414303

32
g-index

37
all docs

37
docs citations

37
times ranked

1482
citing authors

#	ARTICLE	IF	CITATIONS
1	The Home Care Crew Scheduling Problem: Preference-based visit clustering and temporal dependencies. <i>European Journal of Operational Research</i> , 2012, 219, 598-610.	3.5	308
2	Disruption management in the airline industry—Concepts, models and methods. <i>Computers and Operations Research</i> , 2010, 37, 809-821.	2.4	241
3	Railway track allocation: models and methods. <i>OR Spectrum</i> , 2011, 33, 843-883.	2.1	224
4	Airline disruption management—Perspectives, experiences and outlook. <i>Journal of Air Transport Management</i> , 2007, 13, 149-162.	2.4	189
5	Vehicle Routing Problem with Time Windows. , 2005, , 67-98.		117
6	The dynamic multi-period vehicle routing problem. <i>Computers and Operations Research</i> , 2010, 37, 1615-1623.	2.4	107
7	Lagrangian duality applied to the vehicle routing problem with time windows. <i>Computers and Operations Research</i> , 2006, 33, 1464-1487.	2.4	101
8	A survey on robustness in railway planning. <i>European Journal of Operational Research</i> , 2018, 266, 1-15.	3.5	90
9	Electric bus planning & scheduling: A review of related problems and methodologies. <i>European Journal of Operational Research</i> , 2022, 301, 395-413.	3.5	72
10	The vehicle routing problem with time windows and temporal dependencies. <i>Networks</i> , 2011, 58, 273-289.	1.6	57
11	Rolling stock scheduling with maintenance requirements at the Chinese High-Speed Railway. <i>Transportation Research Part B: Methodological</i> , 2019, 126, 24-44.	2.8	54
12	A set packing inspired method for real-time junction train routing. <i>Computers and Operations Research</i> , 2013, 40, 713-724.	2.4	52
13	A column generation approach for solving the patient admission scheduling problem. <i>European Journal of Operational Research</i> , 2014, 235, 252-264.	3.5	45
14	Routing Trains Through Railway Junctions: A New Set-Packing Approach. <i>Transportation Science</i> , 2011, 45, 228-245.	2.6	44
15	A Branch-and-Price algorithm for railway rolling stock rescheduling. <i>Transportation Research Part B: Methodological</i> , 2017, 99, 228-250.	2.8	34
16	An adaptive large neighborhood search procedure applied to the dynamic patient admission scheduling problem. <i>Artificial Intelligence in Medicine</i> , 2016, 74, 21-31.	3.8	33
17	A hub location problem with fully interconnected backbone and access networks. <i>Computers and Operations Research</i> , 2007, 34, 2520-2531.	2.4	32
18	An exact method for the double TSP with multiple stacks. <i>International Transactions in Operational Research</i> , 2010, 17, 637-652.	1.8	29

#	ARTICLE	IF	CITATIONS
19	Mitigation of airspace congestion impact on airline networks. <i>Journal of Air Transport Management</i> , 2015, 47, 54-65.	2.4	29
20	Solution approaches for integrated vehicle and crew scheduling with electric buses. <i>Computers and Operations Research</i> , 2021, 132, 105268.	2.4	26
21	A hybrid column generation approach for an industrial waste collection routing problem. <i>Computers and Industrial Engineering</i> , 2014, 71, 10-20.	3.4	25
22	A multilevel variable neighborhood search heuristic for a practical vehicle routing and driver scheduling problem. <i>Networks</i> , 2011, 58, 311-322.	1.6	19
23	Disruption Management for an Airline "Rescheduling of Aircraft. <i>Lecture Notes in Computer Science</i> , 2002, , 315-324.	1.0	17
24	Tramp ship routing and scheduling with voyage separation requirements. <i>OR Spectrum</i> , 2017, 39, 913-943.	2.1	16
25	An integrated rolling stock planning model for the Copenhagen suburban passenger railway. <i>Journal of Rail Transport Planning and Management</i> , 2015, 5, 240-262.	0.8	15
26	Improved exact method for the double TSP with multiple stacks. <i>Networks</i> , 2011, 58, 290-300.	1.6	11
27	Refinements of the column generation process for the Vehicle Routing Problem with Time Windows. <i>Journal of Systems Science and Systems Engineering</i> , 2004, 13, 326-341.	0.8	10
28	A matheuristic for the driver scheduling problem with staff cars. <i>European Journal of Operational Research</i> , 2019, 275, 280-294.	3.5	9
29	Equidistant representations: Connecting coverage and uniformity in discrete biobjective optimization. <i>Computers and Operations Research</i> , 2020, 117, 104872.	2.4	8
30	A heuristic and hybrid method for the tank allocation problem in maritime bulk shipping. <i>4or</i> , 2016, 14, 417-444.	1.0	5
31	Joint overbooking and seat allocation for fare families. <i>Journal of Revenue and Pricing Management</i> , 2018, 17, 436-452.	0.7	5
32	A new approach to the Container Positioning Problem. <i>Flexible Services and Manufacturing Journal</i> , 2016, 28, 617-643.	1.9	3
33	A column generation approach for the driver scheduling problem with staff cars. <i>Public Transport</i> , 0, , 1.	1.7	3
34	Title is missing!. <i>Computers and Operations Research</i> , 2010, 37, 807-808.	2.4	1
35	Solving the selective multi-category parallel-servicing problem. <i>Journal of Scheduling</i> , 2015, 18, 165-184.	1.3	1
36	An Adaptive Large Neighbourhood Search Procedure Applied to the Dynamic Patient Admission Scheduling Problem. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0