Jesper Larsen

List of Publications by Year
in descending order

36 papers	2,032 citations	361413 20 h-index	414414 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. European Journal of Operational Research, 2012, 219, 598-610.	5.7	308
2	Disruption management in the airline industryâ€"Concepts, models and methods. Computers and Operations Research, 2010, 37, 809-821.	4.0	241
3	Railway track allocation: models and methods. OR Spectrum, 2011, 33, 843-883.	3.4	224
4	Airline disruption managementâ€"Perspectives, experiences and outlook. Journal of Air Transport Management, 2007, 13, 149-162.	4.5	189
5	Vehicle Routing Problem with Time Windows. , 2005, , 67-98.		117
6	The dynamic multi-period vehicle routing problem. Computers and Operations Research, 2010, 37, 1615-1623.	4.0	107
7	Lagrangian duality applied to the vehicle routing problem with time windows. Computers and Operations Research, 2006, 33, 1464-1487.	4.0	101
8	A survey on robustness in railway planning. European Journal of Operational Research, 2018, 266, 1-15.	5.7	90
9	Electric bus planning & scheduling: A review of related problems and methodologies. European Journal of Operational Research, 2022, 301, 395-413.	5.7	72
10	The vehicle routing problem with time windows and temporal dependencies. Networks, 2011, 58, 273-289.	2.7	57
11	Rolling stock scheduling with maintenance requirements at the Chinese High-Speed Railway. Transportation Research Part B: Methodological, 2019, 126, 24-44.	5.9	54
12	A set packing inspired method for real-time junction train routing. Computers and Operations Research, 2013, 40, 713-724.	4.0	52
13	A column generation approach for solving the patient admission scheduling problem. European Journal of Operational Research, 2014, 235, 252-264.	5.7	45
14	Routing Trains Through Railway Junctions: A New Set-Packing Approach. Transportation Science, 2011, 45, 228-245.	4.4	44
15	A Branch-and-Price algorithm for railway rolling stock rescheduling. Transportation Research Part B: Methodological, 2017, 99, 228-250.	5.9	34
16	An adaptive large neighborhood search procedure applied to the dynamic patient admission scheduling problem. Artificial Intelligence in Medicine, 2016, 74, 21-31.	6.5	33
17	A hub location problem with fully interconnected backbone and access networks. Computers and Operations Research, 2007, 34, 2520-2531.	4.0	32
18	An exact method for the double TSP with multiple stacks. International Transactions in Operational Research, 2010, 17, 637-652.	2.7	29

#	Article	IF	Citations
19	Mitigation of airspace congestion impact on airline networks. Journal of Air Transport Management, 2015, 47, 54-65.	4.5	29
20	Solution approaches for integrated vehicle and crew scheduling with electric buses. Computers and Operations Research, 2021, 132, 105268.	4.0	26
21	A hybrid column generation approach for an industrial waste collection routing problem. Computers and Industrial Engineering, 2014, 71, 10-20.	6.3	25
22	A multilevel variable neighborhood search heuristic for a practical vehicle routing and driver scheduling problem. Networks, 2011, 58, 311-322.	2.7	19
23	Disruption Management for an Airline â€" Rescheduling of Aircraft. Lecture Notes in Computer Science, 2002, , 315-324.	1.3	17
24	Tramp ship routing and scheduling with voyage separation requirements. OR Spectrum, 2017, 39, 913-943.	3.4	16
25	An integrated rolling stock planning model for the Copenhagen suburban passenger railway. Journal of Rail Transport Planning and Management, 2015, 5, 240-262.	1.4	15
26	Improved exact method for the double TSP with multiple stacks. Networks, 2011, 58, 290-300.	2.7	11
27	Refinements of the column generation process for the Vehicle Routing Problem with Time Windows. Journal of Systems Science and Systems Engineering, 2004, 13, 326-341.	1.6	10
28	A matheuristic for the driver scheduling problem with staff cars. European Journal of Operational Research, 2019, 275, 280-294.	5.7	9
29	Equidistant representations: Connecting coverage and uniformity in discrete biobjective optimization. Computers and Operations Research, 2020, 117, 104872.	4.0	8
30	A heuristic and hybrid method for the tank allocation problem in maritime bulk shipping. 4or, 2016, 14, 417-444.	1.6	5
31	Joint overbooking and seat allocation for fare families. Journal of Revenue and Pricing Management, 2018, 17, 436-452.	1.1	5
32	A new approach to the Container Positioning Problem. Flexible Services and Manufacturing Journal, 2016, 28, 617-643.	3.4	3
33	A column generation approach for the driver scheduling problem with staff cars. Public Transport, 0, , 1.	2.7	3
34	Title is missing!. Computers and Operations Research, 2010, 37, 807-808.	4.0	1
35	Solving the selective multi-category parallel-servicing problem. Journal of Scheduling, 2015, 18, 165-184.	1.9	1
36	An Adaptive Large Neighbourhood Search Procedure Applied to the Dynamic Patient Admission Scheduling Problem. SSRN Electronic Journal, 0, , .	0.4	0