

# Leo Kroon

## List of Publications by Year in descending order

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34  
papers

2,888  
citations

218677  
26  
h-index

434195  
31  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1261  
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of recovery models and algorithms for real-time railway rescheduling. Transportation Research Part B: Methodological, 2014, 63, 15-37.	5.9	488
2	Crowdsourced Delivery – A Dynamic Pickup and Delivery Problem with Ad Hoc Drivers. Transportation Science, 2019, 53, 222-235.	4.4	268
3	Stochastic improvement of cyclic railway timetables. Transportation Research Part B: Methodological, 2008, 42, 553-570.	5.9	166
4	Rescheduling a metro line in an over-crowded situation after disruptions. Transportation Research Part B: Methodological, 2016, 93, 425-449.	5.9	163
5	A rolling stock circulation model for combining and splitting of passenger trains. European Journal of Operational Research, 2006, 174, 1281-1297.	5.7	140
6	On solving multi-type railway line planning problems. European Journal of Operational Research, 2006, 168, 403-424.	5.7	134
7	The New Dutch Timetable: The OR Revolution. Interfaces, 2009, 39, 6-17.	1.5	129
8	A Branch-and-Cut Approach for Solving Railway Line-Planning Problems. Transportation Science, 2004, 38, 379-393.	4.4	114
9	Chapter 3 Passenger Railway Optimization. Handbooks in Operations Research and Management Science, 2007, , 129-187.	0.6	111
10	Efficient Circulation of Railway Rolling Stock. Transportation Science, 2006, 40, 378-391.	4.4	106
11	Circulation of railway rolling stock: a branch-and-price approach. Computers and Operations Research, 2008, 35, 538-556.	4.0	98
12	A rolling horizon approach for disruption management of railway rolling stock. European Journal of Operational Research, 2012, 220, 496-509.	5.7	92
13	Rescheduling of Railway Rolling Stock with Dynamic Passenger Flows. Transportation Science, 2015, 49, 165-184.	4.4	90
14	Disruption Management in Passenger Railway Transportation. Lecture Notes in Computer Science, 2009, , 399-421.	1.3	88
15	Railway Rolling Stock Planning: Robustness Against Large Disruptions. Transportation Science, 2012, 46, 217-232.	4.4	71
16	Reinventing Crew Scheduling at Netherlands Railways. Interfaces, 2005, 35, 393-401.	1.5	66
17	Allocation of Railway Rolling Stock for Passenger Trains. Transportation Science, 2004, 38, 33-41.	4.4	64
18	Maintenance Routing for Train Units: The Transition Model. Transportation Science, 2005, 39, 518-525.	4.4	64

#	ARTICLE	IF	CITATIONS
19	Models for railway timetable optimization: Applicability and applications in practice. Journal of Rail Transport Planning and Management, 2017, 6, 285-312.	1.4	53
20	Maintenance routing for train units: The interchange model. Computers and Operations Research, 2007, 34, 1121-1140.	4.0	51
21	Deduction of Passengers' Route Choices From Smart Card Data. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 430-440.	8.0	50
22	Delay Management Including Capacities of Stations. Transportation Science, 2015, 49, 185-203.	4.4	49
23	Rescheduling in passenger railways: the rolling stock rebalancing problem. Journal of Scheduling, 2010, 13, 281-297.	1.9	40
24	Three-stage optimization method for the problem of scheduling additional trains on a high-speed rail corridor. Omega, 2018, 80, 175-191.	5.9	39
25	Passenger Advice and Rolling Stock Rescheduling Under Uncertainty for Disruption Management. Transportation Science, 2018, 52, 1391-1411.	4.4	31
26	Rolling stock rescheduling in passenger railway transportation using dead-heading trips and adjusted passenger demand. Transportation Research Part B: Methodological, 2017, 101, 140-161.	5.9	29
27	Crew Scheduling for Netherlands Railways – Destination: Customer – Lecture Notes in Economics and Mathematical Systems, 2001, , 181-201.	0.3	26
28	Personnel scheduling in a complex logistic system: a railway application case. Journal of Intelligent Manufacturing, 2007, 18, 223-232.	7.3	16
29	Algorithmic Support for Railway Disruption Management. , 2011, , 193-210.		15
30	Capacity, information and minority games in public transport. Transportation Research Part C: Emerging Technologies, 2016, 70, 157-170.	7.6	8
31	The Travelers Route Choice Problem Under Uncertainty: Dominance Relations Between Strategies. Operations Research, 2017, 65, 184-199.	1.9	8
32	Railway Crew Management. Profiles in Operations Research, 2018, , 243-264.	0.4	4
33	Passenger route choice in case of disruptions. , 2013, , .		1
34	Resolving Infeasibilities in Railway Timetabling Instances. SSRN Electronic Journal, 0, , .	0.4	1