

# Ricardo Giesen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34  
papers

1,166  
citations

14  
h-index

34  
g-index

35  
ext. papers

1,364  
ext. citations

3.6  
avg, IF

4.67  
L-index

#	Paper	IF	Citations
34	Planning, operation, and control of bus transport systems: A literature review. <i>Transportation Research Part B: Methodological</i> , <b>2015</b> , 77, 38-75	7.2	339
33	How much can holding and/or limiting boarding improve transit performance?. <i>Transportation Research Part B: Methodological</i> , <b>2012</b> , 46, 1202-1217	7.2	166
32	Real-Time Control of Buses in a Transit Corridor Based on Vehicle Holding and Boarding Limits. <i>Transportation Research Record</i> , <b>2009</b> , 2090, 59-67	1.7	113
31	Design of limited-stop services for an urban bus corridor with capacity constraints. <i>Transportation Research Part B: Methodological</i> , <b>2010</b> , 44, 1186-1201	7.2	94
30	An integrated approach for timetabling and vehicle scheduling problems to analyze the trade-off between level of service and operating costs of transit networks. <i>Transportation Research Part B: Methodological</i> , <b>2014</b> , 70, 35-46	7.2	79
29	Analysis of real-time control strategies in a corridor with multiple bus services. <i>Transportation Research Part B: Methodological</i> , <b>2015</b> , 78, 83-105	7.2	60
28	Continuous approximation for skip-stop operation in rail transit. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2013</b> , 36, 419-433	8.4	50
27	Comparison of dynamic control strategies for transit operations. <i>Transportation Research Part C: Emerging Technologies</i> , <b>2013</b> , 28, 101-113	8.4	46
26	Model for the Optimal Location of Bus Stops and Its Application to a Public Transport Corridor in Santiago, Chile. <i>Transportation Research Record</i> , <b>2013</b> , 2352, 84-93	1.7	29
25	Choosing the Right Express Services for Bus Corridor with Capacity Restrictions. <i>Transportation Research Record</i> , <b>2010</b> , 2197, 63-70	1.7	25
24	Generation and design heuristics for zonal express services. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2015</b> , 79, 201-212	9	24
23	Real-time prediction of bus travel speeds using traffic shockwaves and machine learning algorithms. <i>Research in Transportation Economics</i> , <b>2016</b> , 59, 250-257	2.4	22
22	Bus Control Strategy Application: Case Study of Santiago Transit System. <i>Procedia Computer Science</i> , <b>2014</b> , 32, 397-404	1.6	18
21	Continuous Approximation for Skip-Stop Operation in Rail Transit. <i>Procedia, Social and Behavioral Sciences</i> , <b>2013</b> , 80, 186-210		16
20	A strategic model of freight operations for rail transportation systems. <i>Transportation Planning and Technology</i> , <b>2004</b> , 27, 231-260	1.6	13
19	Joint optimization of fleet size and maintenance capacity in a fork-join cyclical transportation system. <i>Journal of the Operational Research Society</i> , <b>2013</b> , 64, 982-994	2	9
18	Impact of COVID-19 on the number of days working from home and commuting travel: A cross-cultural comparison between Australia, South America and South Africa. <i>Journal of Transport Geography</i> , <b>2021</b> , 96, 103188	5.2	9

17	Integrated Real-Time Transit Signal Priority Control for High-Frequency Segregated Transit Services. <i>Transportation Research Record</i> , <b>2015</b> , 2533, 28-38	1.7	8
16	Model for Optimization of Locations of Schools and Student Transportation in Rural Areas. <i>Transportation Research Record</i> , <b>2012</b> , 2283, 74-80	1.7	6
15	BRRT: adding an R for reliability <b>2016</b> , 317-336		5
14	Designing integrated urban delivery systems using public transport. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2021</b> , 156, 102525	9	5
13	Estimation and prediction of dynamic matrix travel on a public transport corridor using historical data and real-time information. <i>Public Transport</i> , <b>2021</b> , 13, 59-80	2.1	5
12	Quantifying the effects of driver non-compliance and communication system failure in the performance of real-time bus control strategies. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2015</b> , 78, 463-472	3.7	4
11	Integrating Frequency Setting, Timetabling, and Route Assignment to Synchronize Transit Lines. <i>Journal of Advanced Transportation</i> , <b>2019</b> , 2019, 1-13	1.9	3
10	Logistics in Real Time Inventory Routing Operations under Stochastic Demand. <i>Lecture Notes in Economics and Mathematical Systems</i> , <b>2009</b> , 109-148	0.4	3
9	Technology choices in public transport planning: A classification framework. <i>Research in Transportation Economics</i> , <b>2020</b> , 83, 100901	2.4	3
8	How many Urban Recycling Centers do We Need and where? A Continuum Approximation Approach. <i>Transportation Research Procedia</i> , <b>2016</b> , 12, 851-860	2.4	3
7	Coping with Disruptions: Performance Comparison of Strategies for Online Inventory Routing Systems Under Demand Surges. <i>Transportation Research Record</i> , <b>2010</b> , 2168, 63-70	1.7	2
6	Strategies for Online Inventory Routing Problem under Real-Time Information. <i>Transportation Research Record</i> , <b>2005</b> , 1923, 164-179	1.7	2
5	Strategies for Online Inventory Routing Problem under Real-Time Information		2
4	A method for solving the multi-objective transit frequency optimization problem. <i>Journal of Advanced Transportation</i> , <b>2016</b> , 50, 2323-2337	1.9	2
3	Rural School Location and Student Allocation. <i>Profiles in Operations Research</i> , <b>2015</b> , 273-289	1	1
2	Vehicle routing problem with steep roads. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2021</b> , 151, 1-17	3.7	0
1	Criterios para planificar transporte masivo en ciudades intermedias de Colombia: ¿C�mo complementar y mejorar la pol�tica actual?. <i>Revista Ingenio</i> , <b>2021</b> , 18, 1-9	0.1	