

# Ricardo Giesen

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,607  
citations

516681

16  
h-index

414395

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Planning, operation, and control of bus transport systems: A literature review. <i>Transportation Research Part B: Methodological</i> , 2015, 77, 38-75.	5.9	491
2	How much can holding and/or limiting boarding improve transit performance?. <i>Transportation Research Part B: Methodological</i> , 2012, 46, 1202-1217.	5.9	203
3	Design of limited-stop services for an urban bus corridor with capacity constraints. <i>Transportation Research Part B: Methodological</i> , 2010, 44, 1186-1201.	5.9	128
4	Real-Time Control of Buses in a Transit Corridor Based on Vehicle Holding and Boarding Limits. <i>Transportation Research Record</i> , 2009, 2090, 59-67.	1.9	126
5	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> , 2014, 70, 35-46.	5.9	110
6	Analysis of real-time control strategies in a corridor with multiple bus services. <i>Transportation Research Part B: Methodological</i> , 2015, 78, 83-105.	5.9	71
7	Continuous approximation for skip-stop operation in rail transit. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 36, 419-433.	7.6	64
8	Comparison of dynamic control strategies for transit operations. <i>Transportation Research Part C: Emerging Technologies</i> , 2013, 28, 101-113.	7.6	56
9	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> , 2021, 96, 103188.	5.0	44
10	Real-time prediction of bus travel speeds using traffic shockwaves and machine learning algorithms. <i>Research in Transportation Economics</i> , 2016, 59, 250-257.	4.1	41
11	Model for the Optimal Location of Bus Stops and Its Application to a Public Transport Corridor in Santiago, Chile. <i>Transportation Research Record</i> , 2013, 2352, 84-93.	1.9	39
12	Choosing the Right Express Services for Bus Corridor with Capacity Restrictions. <i>Transportation Research Record</i> , 2010, 2197, 63-70.	1.9	30
13	Generation and design heuristics for zonal express services. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2015, 79, 201-212.	7.4	29
14	Continuous Approximation for Skip-Stop Operation in Rail Transit. <i>Procedia, Social and Behavioral Sciences</i> , 2013, 80, 186-210.	0.5	22
15	Bus Control Strategy Application: Case Study of Santiago Transit System. <i>Procedia Computer Science</i> , 2014, 32, 397-404.	2.0	22
16	Designing integrated urban delivery systems using public transport. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 156, 102525.	7.4	20
17	A strategic model of freight operations for rail transportation systems. <i>Transportation Planning and Technology</i> , 2004, 27, 231-260.	2.0	17
18	Model for Optimization of Locations of Schools and Student Transportation in Rural Areas. <i>Transportation Research Record</i> , 2012, 2283, 74-80.	1.9	12

#	ARTICLE	IF	CITATIONS
19	Integrated Real-Time Transit Signal Priority Control for High-Frequency Segregated Transit Services. Transportation Research Record, 2015, 2533, 28-38.	1.9	12
20	Joint optimization of fleet size and maintenance capacity in a fork-join cyclical transportation system. Journal of the Operational Research Society, 2013, 64, 982-994.	3.4	11
21	Quantifying the effects of driver non-compliance and communication system failure in the performance of real-time bus control strategies. Transportation Research, Part A: Policy and Practice, 2015, 78, 463-472.	4.2	10
22	Estimation and prediction of dynamic matrix travel on a public transport corridor using historical data and real-time information. Public Transport, 2021, 13, 59-80.	2.7	8
23	Integrating Frequency Setting, Timetabling, and Route Assignment to Synchronize Transit Lines. Journal of Advanced Transportation, 2019, 2019, 1-13.	1.7	7
24	BRRT: adding an R for reliability. , 2016, , 317-336.		6
25	Technology choices in public transport planning: A classification framework. Research in Transportation Economics, 2020, 83, 100901.	4.1	5
26	A method for solving the multi-objective transit frequency optimization problem. Journal of Advanced Transportation, 2016, 50, 2323-2337.	1.7	4
27	How many Urban Recycling Centers do We Need and where? A Continuum Approximation Approach. Transportation Research Procedia, 2016, 12, 851-860.	1.5	4
28	Strategies for Online Inventory Routing Problem Under Real-Time Information. Transportation Research Record, 2005, 1923, 164-179.	1.9	4
29	Logistics in Real Time Inventory Routing Operations under Stochastic Demand. Lecture Notes in Economics and Mathematical Systems, 2009, , 109-148.	0.3	3
30	Strategies for Online Inventory Routing Problem under Real-Time Information. Transportation Research Record, 2005, 1923, 164-179.	1.9	2
31	Coping with Disruptions. Transportation Research Record, 2010, 2168, 63-70.	1.9	2
32	Vehicle routing problem with steep roads. Transportation Research, Part A: Policy and Practice, 2021, 151, 1-17.	4.2	2
33	Criterios para planificar transporte masivo en ciudades intermedias de Colombia: ¿Cómo complementar y mejorar la política actual?. Revista Ingenio, 2021, 18, 1-9.	0.3	0