Ricardo Giesen

List of Publications by Year in Descending Order

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	Designing integrated urban delivery systems using public transport. *Transportation Research, Part E: Logistics and Transportation Review*, **2021**, 156, 102525	9	5
33	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	2.1	5
32	Vehicle routing problem with steep roads. *Transportation Research, Part A: Policy and Practice*, **2021**, 151, 1-17	3.7	0
31	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. *Journal of Transport Geography*, **2021**, 96, 103188	5.2	9
30	Criterios para planificar transporte masivo en ciudades intermedias de Colombia: ¿Cómo complementar y mejorar la política actual?. *Revista Ingenio*, **2021**, 18, 1-9	0.1	
29	Technology choices in public transport planning: A classification framework. *Research in Transportation Economics*, **2020**, 83, 100901	2.4	3
28	Integrating Frequency Setting, Timetabling, and Route Assignment to Synchronize Transit Lines. *Journal of Advanced Transportation*, **2019**, 2019, 1-13	1.9	3
27	BRRT: adding an R for reliability **2016**, 317-336		5
26	A method for solving the multi-objective transit frequency optimization problem. *Journal of Advanced Transportation*, **2016**, 50, 2323-2337	1.9	2
25	How many Urban Recycling Centers do We Need and where? A Continuum Approximation Approach. *Transportation Research Procedia*, **2016**, 12, 851-860	2.4	3
24	Real-time prediction of bus travel speeds using traffic shockwaves and machine learning algorithms. *Research in Transportation Economics*, **2016**, 59, 250-257	2.4	22
23	Analysis of real-time control strategies in a corridor with multiple bus services. *Transportation Research Part B: Methodological*, **2015**, 78, 83-105	7.2	60
22	Generation and design heuristics for zonal express services. *Transportation Research, Part E: Logistics and Transportation Review*, **2015**, 79, 201-212	9	24
21	Planning, operation, and control of bus transport systems: A literature review. *Transportation Research Part B: Methodological*, **2015**, 77, 38-75	7.2	339
20	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	3.7	4
19	Integrated Real-Time Transit Signal Priority Control for High-Frequency Segregated Transit Services. *Transportation Research Record*, **2015**, 2533, 28-38	1.7	8
18	Rural School Location and Student Allocation. *Profiles in Operations Research*, **2015**, 273-289	1	1

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17	An integrated approach for timetabling and vehicle scheduling problems to analyze the trade-off between level of service and operating costs of transit networks. *Transportation Research Part B: Methodological*, **2014**, 70, 35-46	7.2	79
16	Bus Control Strategy Application: Case Study of Santiago Transit System. *Procedia Computer Science* , **2014**, 32, 397-404	1.6	18
15	Continuous approximation for skip-stop operation in rail transit. *Transportation Research Part C: Emerging Technologies*, **2013**, 36, 419-433	8.4	50
14	Continuous Approximation for Skip-Stop Operation in Rail Transit. *Procedia, Social and Behavioral Sciences*, **2013**, 80, 186-210		16
13	Comparison of dynamic control strategies for transit operations. *Transportation Research Part C: Emerging Technologies*, **2013**, 28, 101-113	8.4	46
12	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	2	9
11	Model for the Optimal Location of Bus Stops and Its Application to a Public Transport Corridor in Santiago, Chile. *Transportation Research Record*, **2013**, 2352, 84-93	1.7	29
10	Model for Optimization of Locations of Schools and Student Transportation in Rural Areas. *Transportation Research Record*, **2012**, 2283, 74-80	1.7	6
9	How much can holding and/or limiting boarding improve transit performance?. *Transportation Research Part B: Methodological*, **2012**, 46, 1202-1217	7.2	166
8	Coping with Disruptions: Performance Comparison of Strategies for Online Inventory Routing Systems Under Demand Surges. *Transportation Research Record*, **2010**, 2168, 63-70	1.7	2
7	Design of limited-stop services for an urban bus corridor with capacity constraints. *Transportation Research Part B: Methodological*, **2010**, 44, 1186-1201	7.2	94
6	Choosing the Right Express Services for Bus Corridor with Capacity Restrictions. *Transportation Research Record*, **2010**, 2197, 63-70	1.7	25
5	Real-Time Control of Buses in a Transit Corridor Based on Vehicle Holding and Boarding Limits. *Transportation Research Record*, **2009**, 2090, 59-67	1.7	113
4	Logistics in Real Time Inventory Routing Operations under Stochastic Demand. *Lecture Notes in Economics and Mathematical Systems*, **2009**, 109-148	0.4	3
3	Strategies for Online Inventory Routing Problem under Real-Time Information. *Transportation Research Record*, **2005**, 1923, 164-179	1.7	2
2	A strategic model of freight operations for rail transportation systems. *Transportation Planning and Technology*, **2004**, 27, 231-260	1.6	13
1	Strategies for Online Inventory Routing Problem under Real-Time Information		2