Jorge Freire de Sousa

List of Publications by Year
in descending order

36	938	758635 12	476904 29
papers	citations	h-index	g-index

39	39	39	975
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ensemble approaches for regression. ACM Computing Surveys, 2012, 45, 1-40.	16.1	464
2	Improving Mass Transit Operations by Using AVL-Based Systems: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1636-1653.	4.7	80
3	An online learning approach to eliminate Bus Bunching in real-time. Applied Soft Computing Journal, 2016, 47, 460-482.	4.1	59
4	Comparing state-of-the-art regression methods for long term travel time prediction. Intelligent Data Analysis, 2012, 16, 427-449.	0.4	50
5	Route Planning for Electric Buses: A Case Study in Oporto. Procedia, Social and Behavioral Sciences, 2014, 111, 1004-1014.	0.5	44
6	Validating the coverage of bus schedules: A Machine Learning approach. Information Sciences, 2015, 293, 299-313.	4.0	37
7	Improving the accuracy of long-term travel time prediction using heterogeneous ensembles. Neurocomputing, 2015, 150, 428-439.	3.5	33
8	Bus Bunching Detection by Mining Sequences of Headway Deviations. Lecture Notes in Computer Science, 2012, , 77-91.	1.0	22
9	Validation of both number and coverage of bus schedules using AVL data. , 2010, , .		16
10	An Incremental Probabilistic Model to Predict Bus Bunching in Real-Time. Lecture Notes in Computer Science, 2014, , 227-238.	1.0	16
11	Ensemble Learning: A Study on Different Variants of the Dynamic Selection Approach. Lecture Notes in Computer Science, 2009, , 191-205.	1.0	15
12	Setting the length of the planning horizon in the vehicle replacement problem. European Journal of Operational Research, 1997, 101, 550-559.	3.5	14
13	A computer based interactive approach to crew scheduling. European Journal of Operational Research, 1991, 55, 382-393.	3.5	13
14	Environmental Management and Business Strategy: Structuring the Decision-Making Support in a Public Transport Company. Transportation Research Procedia, 2014, 3, 155-164.	0.8	11
15	Towards the integration of electric buses in conventional bus fleets. , 2016, , .		9
16	A Multi-Attribute Ranking Solutions Confirmation Procedure. Annals of Operations Research, 2005, 138, 127-141.	2.6	6
17	A Multi-User Integrated Platform for Supporting the Design and Management of Urban Mobility Systems. Transportation Research Procedia, 2017, 27, 35-42.	0.8	5
18	Linking fields with GMA: Sustainability, companies, people and Operational Research. Technological Forecasting and Social Change, 2018, 126, 138-146.	6.2	5

#	Article	IF	Citations
19	A General Morphological Analysis to Support Strategic Management Decisions in Public Transport Companies. Transportation Research Procedia, 2017, 22, 509-518.	0.8	4
20	Designing urban mobility policies in a socio-technical transition context. Transportation Research Procedia, 2022, 62, 17-24.	0.8	4
21	A numerical tool for multiattribute ranking problems. Networks, 2003, 41, 229-234.	1.6	3
22	Urban Logistics Integrated in a Multimodal Mobility System. , 2015, , .		3
23	Finding Interesting Contexts for Explaining Deviations in Bus Trip Duration Using Distribution Rules. Lecture Notes in Computer Science, 2012, , 139-149.	1.0	3
24	The Effect of Varying Parameters and Focusing on Bus Travel Time Prediction. Lecture Notes in Computer Science, 2009, , 689-696.	1.0	3
25	A Conceptual Framework for an Integrated Information System to Enhance Urban Mobility. International Journal of Decision Support System Technology, 2021, 13, 1-17.	0.4	2
26	The Role of Collaboration for Sustainable and Efficient Urban Logistics. IFIP Advances in Information and Communication Technology, 2020, , 475-484.	0.5	2
27	Improving Mobility Services through Customer Participation. Advances in Intelligent Systems and Computing, 2021, , 654-663.	0.5	2
28	Computer-based Modelling and Optimization in Transportation. Advances in Intelligent Systems and Computing, 2014, , .	0.5	1
29	An Operations Research-Based Morphological Analysis to Support Environmental Management Decision-Making. Lecture Notes in Business Information Processing, 2016, , 16-30.	0.8	1
30	Integrating Environmental Policies into Business Strategy: The Problem Structuring Stage in a Framework for Decision Support. Lecture Notes in Business Information Processing, 2014, , 90-103.	0.8	1
31	Evaluating Changes in the Operational Planning of Public Transportation. Advances in Intelligent Systems and Computing, 2014, , 57-68.	0.5	1
32	Hybrid Heuristics for the Territory Alignment Problem. , 0, , 258-293.		1
33	â€œME BEFORE YOUâ€ ARE BARTLEâ€™S PLAYER TYPES RELATED WITH PERFORMANCE IN A HIGHER EDUCATION GAME-BASED APPROACH SYSTEM? â€“ A CASE STUDY. , 2016, , .		0
34	HARRY POTTER AND THE CURSED CHILD: AN EXPERIENCE IN GAMIFICATION IN HIGHER EDUCATION. , 2016, , .		0
35	Sustainable development and morphological analysis: a multi-level strategic planning for the transport sector. International Journal of Information and Decision Sciences, 2021, 13, 350.	0.1	0
36	Reliability metrics for the evaluation of the schedule plan in public transportation. , 0, , 151-169.		0