

# Jan A Persson

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

944  
citations

687363

13  
h-index

454955

30  
g-index

53  
all docs

53  
docs citations

53  
times ranked

856  
citing authors

#	ARTICLE	IF	CITATIONS
1	N-tracked railway traffic re-scheduling during disturbances. <i>Transportation Research Part B: Methodological</i> , 2007, 41, 342-362.	5.9	233
2	Shipment planning at oil refineries using column generation and valid inequalities. <i>European Journal of Operational Research</i> , 2005, 163, 631-652.	5.7	100
3	An optimization model for refinery production scheduling. <i>International Journal of Production Economics</i> , 2002, 78, 255-270.	8.9	83
4	TAPAS: A multi-agent-based model for simulation of transport chains. <i>Simulation Modelling Practice and Theory</i> , 2012, 23, 1-18.	3.8	81
5	Analysing management policies for operating room planning using simulation. <i>Health Care Management Science</i> , 2010, 13, 182-191.	2.6	76
6	The Fourth Wave of Digitalization and Public Transport: Opportunities and Challenges. <i>Sustainability</i> , 2016, 8, 1248.	3.2	52
7	Health economic modeling to support surgery management at a Swedish hospital. <i>Omega</i> , 2009, 37, 853-863.	5.9	48
8	Agent based simulation architecture for evaluating operational policies in transshipping containers. <i>Autonomous Agents and Multi-Agent Systems</i> , 2009, 18, 220-238.	2.1	34
9	On the Integration of Agent-Based and Mathematical Optimization Techniques. <i>Lecture Notes in Computer Science</i> , 2007, , 1-10.	1.3	25
10	Collaborative Sensing with Interactive Learning using Dynamic Intelligent Virtual Sensors. <i>Sensors</i> , 2019, 19, 477.	3.8	20
11	Evaluation of Automated Guided Vehicle Systems for Container Terminals Using Multi Agent Based Simulation. <i>Lecture Notes in Computer Science</i> , 2009, , 85-96.	1.3	18
12	Agent-based Simulation of Freight Transport between Geographical Zones. <i>Procedia Computer Science</i> , 2013, 19, 829-834.	2.0	16
13	Consignment-level allocations of carbon emissions in road freight transport. <i>Transportation Research, Part D: Transport and Environment</i> , 2016, 48, 298-315.	6.8	14
14	Active Machine Learning Adversarial Attack Detection in the User Feedback Process. <i>IEEE Access</i> , 2021, 9, 36908-36923.	4.2	13
15	A Hybrid Micro-Simulator for Determining the Effects of Governmental Control Policies on Transport Chains. <i>Lecture Notes in Computer Science</i> , 2005, , 236-247.	1.3	12
16	Potential Benefits of Demand Responsive Transport in Rural Areas: A Simulation Study in Lolland, Denmark. <i>Sustainability</i> , 2022, 14, 3252.	3.2	12
17	A tabu search heuristic for scheduling the production processes at an oil refinery. <i>International Journal of Production Research</i> , 2004, 42, 445-471.	7.5	11
18	Combining Macro-level and Agent-based Modeling for Improved Freight Transport Analysis. <i>Procedia Computer Science</i> , 2014, 32, 380-387.	2.0	10

#	ARTICLE	IF	CITATIONS
19	Utilising more of the loading space in intermodal line trains – Measures and decision support. Computers in Industry, 2013, 64, 146-154.	9.9	8
20	Exploring the potential of using real-time traveler data in public transport disturbance management. Public Transport, 2019, 11, 413-441.	2.7	8
21	Method for quantitative valuation of road freight transport telematic services. IET Intelligent Transport Systems, 2012, 6, 388-396.	3.0	7
22	Optimization Analysis of Multiservice Architecture Concepts in Road Transport Telematics. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2012, 16, 197-210.	4.2	5
23	Analysis of information synergy between e-Waybill solutions and intelligent transport system services. World Review of Intermodal Transportation Research, 2013, 4, 123.	0.4	5
24	A survey and taxonomy on intelligent surveillance from a system perspective. Knowledge Engineering Review, 2018, 33, .	2.6	5
25	Interactive Machine Learning for the Internet of Things. , 2019, , .		5
26	Towards Collaborative Sensing using Dynamic Intelligent Virtual Sensors. Studies in Computational Intelligence, 2017, , 217-226.	0.9	4
27	Potentials of Context-Aware Travel Support during Unplanned Public Transport Disturbances. Sustainability, 2019, 11, 1649.	3.2	4
28	Agent-Based Dantzig-Wolfe Decomposition. Lecture Notes in Computer Science, 2009, , 754-763.	1.3	4
29	Multi-Agent-Based Simulation for Analysis of Transport Policy and Infrastructure Measures. Lecture Notes in Computer Science, 2012, , 1-15.	1.3	3
30	A Survey on the Use of Computational Models for Ex Ante Analysis of Urban Transport Policy Instruments. Procedia Computer Science, 2014, 32, 348-355.	2.0	3
31	Activity recognition through interactive machine learning in a dynamic sensor setting. Personal and Ubiquitous Computing, 2020, , 1.	2.8	3
32	Towards an Agent-Based Model of Passenger Transportation. Lecture Notes in Computer Science, 2016, , 132-145.	1.3	3
33	Toward cost-efficient integration of telematic systems using K-spanning tree and clustering algorithms. , 2011, , .		2
34	On the use of on-line services in transport simulation. Transportation Research Procedia, 2017, 21, 208-215.	1.5	2
35	Towards a taxonomy of interactive continual and multimodal learning for the internet of things. , 2019, , .		2
36	Security Aspects on Inter-organizational Cooperation Using Wrapper Agents. Lecture Notes in Business Information Processing, 2009, , 220-233.	1.0	2

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37	Technical Requirements of the e-Waybill Service. International Journal of Computer and Communication Engineering, 2016, 5, 130-140.	0.2	2
38	Leveraging Federated Learning & Blockchain to counter Adversarial Attacks in Incremental Learning. , 2020, , .		2
39	Exploring synergy relationships between telematic services and functionalities using cluster analysis. IET Intelligent Transport Systems, 2015, 9, 366-374.	3.0	1
40	Analyzing Transactions Costs in Transport Corridors Using Multi Agent-Based Simulation. Advances in Mechatronics and Mechanical Engineering, 2009, , 342-356.	1.0	1
41	Plug and Play Transport Chain Management: Agent-Based Support to the Planning and Execution of Transports. Communications in Computer and Information Science, 2011, , 139-155.	0.5	1
42	Agreement Technologies for Supporting the Planning and Execution of Transports. , 2013, , 533-547.		1
43	Multiagent Model for Agile Context Inference Based on Artificial Immune Systems and Sparse Distributed Representations. Lecture Notes in Computer Science, 2016, , 82-87.	1.3	1
44	Optimization based modeling of multi-service architecture concepts in road transport telematics. , 2009, , .		0
45	A visualization toolkit for transportation simulation systems. , 2012, , .		0
46	A Synergy Based Method for Designing ITS Services. International Journal of Advanced Logistics, 2013, 2, 45-54.	0.2	0
47	A Criteria-Based Approach to Evaluating Road User Charging Systems. Procedia Computer Science, 2018, 130, 142-149.	2.0	0
48	A Taxonomy of Interactive Online Machine Learning Strategies. Lecture Notes in Computer Science, 2021, , 137-153.	1.3	0
49	Improving Multi-actor Production, Inventory and Transportation Planning through Agent-Based Optimization. Studies in Computational Intelligence, 2013, , 1-31.	0.9	0
50	Modelling Commuting Activities for the Simulation of Demand Responsive Transport in Rural Areas. , 2020, , .		0