

Patrick Hirsch

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,399
citations

471061

17
h-index

344852

36
g-index

41
all docs

41
docs citations

41
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Home health care routing and scheduling: A review. <i>Computers and Operations Research</i> , 2017, 77, 86-95.	2.4	316
2	Securing home health care in times of natural disasters. <i>OR Spectrum</i> , 2011, 33, 787-813.	2.1	106
3	A matheuristic for routing real-world home service transport systems facilitating walking. <i>Journal of Cleaner Production</i> , 2015, 105, 300-310.	4.6	101
4	Daily scheduling of home health care services using time-dependent public transport. <i>Flexible Services and Manufacturing Journal</i> , 2016, 28, 495-525.	1.9	87
5	A Branch-Price-and-Cut approach for solving the medium-term home health care planning problem. <i>Networks</i> , 2014, 64, 143-159.	1.6	75
6	A decision support system for coordinated disaster relief distribution. <i>Expert Systems With Applications</i> , 2016, 57, 104-116.	4.4	68
7	A discrete-event driven metaheuristic for dynamic home service routing with synchronised trip sharing. <i>European Journal of Industrial Engineering</i> , 2016, 10, 323.	0.5	63
8	Understanding the impact of cascade effects of natural disasters on disaster relief operations. <i>International Journal of Disaster Risk Reduction</i> , 2015, 12, 350-356.	1.8	62
9	Agent-based simulation for horizontal cooperation in logistics and transportation: From the individual to the grand coalition. <i>Simulation Modelling Practice and Theory</i> , 2018, 85, 47-59.	2.2	51
10	A decision support system to investigate dynamic last-mile distribution facilitating cargo-bikes. <i>International Journal of Logistics Research and Applications</i> , 2018, 21, 300-317.	5.6	49
11	Agile optimization of a two-echelon vehicle routing problem with pickup and delivery. <i>International Transactions in Operational Research</i> , 2021, 28, 201-221.	1.8	45
12	Minimizing driving times and greenhouse gas emissions in timber transport with a near-exact solution approach. <i>Scandinavian Journal of Forest Research</i> , 2013, 28, 493-506.	0.5	42
13	Trends and risks in home health care. <i>Journal of Humanitarian Logistics and Supply Chain Management</i> , 2012, 2, 34-53.	1.7	33
14	Agent-based simulation optimization for dynamic disaster relief distribution. <i>Central European Journal of Operations Research</i> , 2018, 26, 423-442.	1.1	31
15	Minimizing Empty Truck Loads in Round Timber Transport with Tabu Search Strategies. <i>International Journal of Information Systems and Supply Chain Management</i> , 2011, 4, 15-41.	0.6	26
16	Multilevel neighborhood search for solving full truckload routing problems arising in timber transportation. <i>Electronic Notes in Discrete Mathematics</i> , 2012, 39, 281-288.	0.4	21
17	Sustainable Transportation. , 2019, , 3-23.		21
18	Analyzing the benefits of an integrated mobility system using a matheuristic routing algorithm. <i>European Journal of Operational Research</i> , 2021, 290, 81-98.	3.5	21

#	ARTICLE	IF	CITATIONS
19	Supporting Urban Home Health Care in Daily Business and Times of Disasters. IFAC-PapersOnLine, 2015, 48, 686-691.	0.5	18
20	Impact of transalpine rail network disruptions: A study of the Brenner Pass. Journal of Transport Geography, 2016, 54, 122-131.	2.3	18
21	A biased randomised algorithm for redistribution of perishable food inventories in supermarket chains. International Transactions in Operational Research, 2019, 26, 2077-2095.	1.8	18
22	Co-operative forest fuel procurement strategy and its saving effects on overall transportation costs. Scandinavian Journal of Forest Research, 2010, 25, 251-261.	0.5	14
23	Training decision-makers in flood response with system dynamics. Disaster Prevention and Management, 2016, 25, 118-136.	0.6	14
24	A multi-method approach to design urban logistics hubs for cooperative use. Sustainable Cities and Society, 2021, 69, 102847.	5.1	14
25	Solving a time constrained two-crane routing problem for material handling with an ant colony optimisation approach: an application in the roof-tile industry. International Journal of Production Research, 2012, 50, 6005-6021.	4.9	10
26	Evaluation of trip and car sharing concepts for home health care services. Flexible Services and Manufacturing Journal, 2018, 30, 78-97.	1.9	10
27	Insights and decision support for home health care services in times of disasters. Central European Journal of Operations Research, 2022, 30, 133-157.	1.1	10
28	Analysis of the impact of different service levels on the workload of an ambulance service provider. BMC Health Services Research, 2016, 16, 487.	0.9	8
29	Exploration of a disrupted road network after a disaster with an online routing algorithm. OR Spectrum, 2021, 43, 289-326.	2.1	8
30	The role of horizontal cooperation to improve service quality in last-mile distribution. International Journal of Simulation and Process Modelling, 2018, 13, 299.	0.1	7
31	The Combined Vehicle Routing and Foldable Container Scheduling Problem: A Model Formulation and Tabu Search Based Solution Approaches. Infor, 2012, 50, 147-162.	0.5	6
32	A comprehensive approach to planning the deployment of transportation assets in distributing forest products. International Journal of Revenue Management, 2012, 6, 45.	0.2	6
33	Resource deployment under consideration of conflicting needs in times of river floods. Disaster Prevention and Management, 2016, 25, 649-663.	0.6	6
34	A simulation study to evaluate economic and environmental effects of different unloading infrastructure in an urban retail street. Computers and Industrial Engineering, 2019, 137, 106032.	3.4	5
35	Recent planning approaches and mobility concepts for home health care services in Austria – A review. Bodenkultur, 2018, 68, 205-222.	0.1	3
36	Facilitating Resilience during an African Swine Fever Outbreak in the Austrian Pork Supply Chain through Hybrid Simulation Modelling. Agriculture (Switzerland), 2022, 12, 352.	1.4	3

#	ARTICLE	IF	CITATIONS
37	The Trade-Off Between the Three Columns of Sustainability. , 2019, , 467-486.		1
38	Central European journal of operations research (CJOR) –operations research applied to health services (ORAHS) in Europe: general trends and ORAHS 2020 conference in Vienna, Austria– Central European Journal of Operations Research, 2022, 30, 1-18.	1.1	1
39	An Online Algorithm for Routing an Unmanned Aerial Vehicle for Road Network Exploration Operations after Disasters under Different Refueling Strategies. Algorithms, 2022, 15, 217.	1.2	1
40	Analysis of the impacts of the COVID-19 pandemic on the drinking milk supply chain in Austria by means of a business process modelling and System Dynamics approach. Bodenkultur, 2021, 72, 73-82.	0.1	0