

Matthias Klumpp

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6005209/publications.pdf>

Version: 2024-02-01

78
papers

979
citations

567281

15
h-index

501196

28
g-index

89
all docs

89
docs citations

89
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	Verifying the effects of digitalisation in retail logistics: an efficiency-centred approach. <i>International Journal of Logistics Research and Applications</i> , 2022, 25, 203-227.	8.8	19
2	COVID-19 health policy evaluation: integrating health and economic perspectives with a data envelopment analysis approach. <i>European Journal of Health Economics</i> , 2022, 23, 1263-1285.	2.8	11
3	Autonomy and new modes of control in digital work contexts – a mixed-methods study of driving professions in food logistics. <i>Employee Relations</i> , 2022, 44, 890-912.	2.4	13
4	Public opinion on global distribution of COVID-19 vaccines: Evidence from two nationally representative surveys in Germany and the United States. <i>Vaccine</i> , 2022, 40, 2457-2461.	3.8	6
5	Skill-Based Joint Order Batching and Picker Routing Problem. , 2022, , .		0
6	Assessing the duration of intralogistics forklift operations via machine learning. , 2022, , .		0
7	Artificial intelligence, robotics, and logistics employment: The human factor in digital logistics. <i>Journal of Business Logistics</i> , 2022, 43, 297-301.	10.6	4
8	Digital Supply Chains and the Human Factor – A Structured Synopsis. <i>Lecture Notes in Logistics</i> , 2021, , 1-14.	0.8	2
9	Efficiency Measurement in Digitalized Work Systems of Transport Logistics. <i>Lecture Notes in Logistics</i> , 2021, , 149-180.	0.8	0
10	Order Picking and E-Commerce: Introducing Non-Parametric Efficiency Measurement for Sustainable Retail Logistics. <i>Journal of Theoretical and Applied Electronic Commerce Research</i> , 2021, 16, 846-858.	5.7	11
11	Long-Term Economic Sustainability of Humanitarian Logistics – A Multi-Level and Time-Series Data Envelopment Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2219.	2.6	3
12	Intelligent and efficient? An empirical analysis of human-AI collaboration for truck drivers in retail logistics. <i>International Journal of Logistics Management</i> , 2021, 32, 1356-1383.	6.6	12
13	Transfer of the German Vocational Education and Training System – Success Factors and Hindrances with the Example of Tunisia. <i>Education Sciences</i> , 2021, 11, 247.	2.6	5
14	Sustainability and Resilience Revisited: Impact of Information Technology Disruptions on Empirical Retail Logistics Efficiency. <i>Sustainability</i> , 2021, 13, 5650.	3.2	18
15	Multi-Period Multi-Criteria Decision Making under Uncertainty: A Renewable Energy Transition Case from Germany. <i>Sustainability</i> , 2021, 13, 6300.	3.2	14
16	Artificial Intelligence for Hospital Health Care: Application Cases and Answers to Challenges in European Hospitals. <i>Healthcare (Switzerland)</i> , 2021, 9, 961.	2.0	18
17	Human-AI collaboration in route planning: An empirical efficiency-based analysis in retail logistics. <i>International Journal of Production Economics</i> , 2021, 241, 108236.	8.9	11
18	Optimization Strategies for In-Store Order Picking in Omnichannel Retailing. <i>IFIP Advances in Information and Communication Technology</i> , 2021, , 603-611.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Towards an Understanding of Hydrogen Supply Chains: A Structured Literature Review Regarding Sustainability Evaluation. <i>Sustainability</i> , 2021, 13, 11652.	3.2	6
20	Digital University Teaching and Learning in Management – The Gini from the COVID-19 Bottle and Its Empirical Representations in Germany. <i>Education Sciences</i> , 2021, 11, 728.	2.6	3
21	The Buy-Online-Pick-Up-in-Store Retailing Model: Optimization Strategies for In-Store Picking and Packing. <i>Algorithms</i> , 2021, 14, 350.	2.1	7
22	Learning effects and mental fatigue of forklift operators in food retail logistics: An empirical analysis through the lens of behavioral operations management. <i>IFAC-PapersOnLine</i> , 2021, 54, 19-24.	0.9	3
23	Logistics Work, Ergonomics and Social Sustainability: Empirical Musculoskeletal System Strain Assessment in Retail Intralogistics. <i>Logistics</i> , 2021, 5, 89.	4.3	10
24	Employment effects and efficiency of ports. <i>International Journal of Computer Aided Engineering and Technology</i> , 2020, 12, 480.	0.2	2
25	KI zur Unterstützung neuer Arbeitswelten in Produktion, Handel und Logistik. <i>FOM-Edition</i> , 2020, , 155-167.	0.1	3
26	Assessment of Cognitive Strain in Digital Logistics Work: Background, Analysis and Implications. <i>Lecture Notes in Logistics</i> , 2020, , 504-515.	0.8	1
27	Smart and efficient: Learning curves in manual and human-robot order picking systems. <i>IFAC-PapersOnLine</i> , 2020, 53, 10255-10260.	0.9	7
28	Sisyphus Revisited: Efficiency Developments in European Universities 2011 – 2016 According to Ranking and Budget Data. <i>Review of Higher Education</i> , 2019, 43, 169-219.	1.3	4
29	Logistics Innovation and Social Sustainability: How to Prevent an Artificial Divide in Human – Computer Interaction. <i>Journal of Business Logistics</i> , 2019, 40, 265-278.	10.6	55
30	Production logistics and human-computer interaction – state-of-the-art, challenges and requirements for the future. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 3691-3709.	3.0	72
31	Strategic partner evaluation criteria for logistics service provider networks. <i>International Journal of Logistics Management</i> , 2019, 30, 438-466.	6.6	16
32	Green Bullwhip Effect Revisited: How Sustainable Lifestyles Might Influence Supply Chains. , 2019, , 105-114.		1
33	Human Resource and Knowledge Management. <i>Lecture Notes in Logistics</i> , 2019, , 205-229.	0.8	1
34	Outbound Logistics and Distribution Management. <i>Lecture Notes in Logistics</i> , 2019, , 305-330.	0.8	0
35	Artificial Intelligence Applications. <i>Lecture Notes in Logistics</i> , 2019, , 637-662.	0.8	2
36	Operations, Logistics and Supply Chain Management: Definitions and Objectives. <i>Lecture Notes in Logistics</i> , 2019, , 27-42.	0.8	16

#	ARTICLE	IF	CITATIONS
37	Marketing Concepts and Instruments in Supply Chain Management. Lecture Notes in Logistics, 2019, , 97-129.	0.8	0
38	DEA Sustainability Evaluation in Automotive Supply Chains. Lecture Notes in Logistics, 2019, , 203-220.	0.8	3
39	Human Role in Digital Logistics: Relevance of Intuition in Interacting with AI. Lecture Notes in Logistics, 2019, , 32-44.	0.8	3
40	Industrie 4.0 und Dienstleistungsproduktion: Fallstudienanalysen aus dem Bereich der Leistungsprozesse in Forschung und Lehre. , 2019, , 339-352.		0
41	Automation and artificial intelligence in business logistics systems: human reactions and collaboration requirements. International Journal of Logistics Research and Applications, 2018, 21, 224-242.	8.8	108
42	Logistics Education and Behavioral Training Decisions, Time Distortion, and the Prae Ante View. Logistics, 2018, 2, 24.	4.3	0
43	Innovation Potentials and Pathways Merging AI, CPS, and IoT. Applied System Innovation, 2018, 1, 5.	4.6	10
44	The Index Number Problem with DEA: Insights from European University Efficiency Data. Education Sciences, 2018, 8, 79.	2.6	6
45	How to Achieve Supply Chain Sustainability Efficiently? Taming the Triple Bottom Line Split Business Cycle. Sustainability, 2018, 10, 397.	3.2	18
46	Economic and Social Advances for Geospatial Data Use in Vehicle Routing. Lecture Notes in Logistics, 2018, , 368-377.	0.8	1
47	Crowdsourcing in Logistics: An Evaluation Scheme. Lecture Notes in Logistics, 2017, , 401-411.	0.8	1
48	Logistics Dynamics and Demographic Change. Lecture Notes in Logistics, 2017, , 347-362.	0.8	2
49	Do Forwarders Improve Sustainability Efficiency? Evidence from a European DEA Malmquist Index Calculation. Sustainability, 2017, 9, 842.	3.2	19
50	Artificial Divide: The New Challenge of Human-Artificial Performance in Logistics. , 2017, , 583-593.		10
51	To Green or Not to Green: A Political, Economic and Social Analysis for the Past Failure of Green Logistics. Sustainability, 2016, 8, 441.	3.2	22
52	Ant colony optimisation for a 2-stage capacitated vehicle routing problem with probabilistic demand increases. International Journal of Business Innovation and Research, 2016, 11, 5.	0.2	2
53	Green Bullwhip Effect Cost Simulation in Distribution Networks. Lecture Notes in Logistics, 2016, , 387-395.	0.8	0
54	Logistics and Supply Chain Management: Developments and Trends. Lecture Notes in Logistics, 2016, , 1-20.	0.8	19

#	ARTICLE	IF	CITATIONS
55	Logistics Qualification: Best-Practice for a Knowledge-Intensive Service Industry. Lecture Notes in Logistics, 2016, , 391-411.	0.8	4
56	Performance Management and Disciplinary Efficiency Comparison. , 2015, , 431-448.		0
57	Humanitarian supply chains and performance measurement schemes in practice. International Journal of Productivity and Performance Management, 2015, 64, 784-810.	3.7	51
58	The value of fourth-party logistics services in the humanitarian supply chain. Journal of Humanitarian Logistics and Supply Chain Management, 2015, 5, 35-60.	2.8	57
59	Efficiency in Higher Education: Requirements, Theory, Methods and Decision Areas. Theory and Method in Higher Education Research, 2015, , 93-118.	0.4	1
60	Sustainability in Humanitarian Logisticsâ€”Why and How?. Lecture Notes in Logistics, 2015, , 3-9.	0.8	2
61	Sustainable Humanitarian Logistics Researchâ€”A Conceptualization. Lecture Notes in Logistics, 2015, , 49-63.	0.8	2
62	Comparing national policies on institutional profiling in Germany and the Netherlands. Comparative Education, 2014, 50, 156-176.	2.7	19
63	Humanitarian supply chain performance management: a systematic literature review. Supply Chain Management, 2014, 19, 592-608.	6.4	137
64	Information and Process Requirements for Electric Mobility in Last-Mile-Logistics. Environmental Science and Engineering, 2014, , 201-208.	0.2	6
65	COMPREHENSIVE URBAN ROAD TOLL EVALUATION SYSTEM. International Journal for Traffic and Transport Engineering, 2014, 4, 14-34.	0.4	2
66	QUALIFICATION HURDLES AND CHANCES FOR E-MOBILITY. International Journal for Traffic and Transport Engineering, 2014, 4, 253-268.	0.4	4
67	Logistics Implications of Urban Road Pricing. Journal of Traffic and Transportation Engineering, 2014, 2, .	0.1	0
68	Efficiency and Logistics. Lecture Notes in Logistics, 2013, , .	0.8	7
69	Specific competencies in humanitarian logistics education. Journal of Humanitarian Logistics and Supply Chain Management, 2013, 3, 99-128.	2.8	46
70	Logistics Research and the Logistics World of 2050. Lecture Notes in Logistics, 2013, , 1-6.	0.8	12
71	Cargo Telematics for Operational Transport Excellence and Strategic Knowledge Management. Lecture Notes in Logistics, 2013, , 71-82.	0.8	3
72	Demografie und Urbanisierung in der Logistikwirtschaft. , 2013, , 161-175.		0

#	ARTICLE	IF	CITATIONS
73	Multi-Dimensional Country Evaluation for Global Sourcing Concepts. , 2013, , 87-104.		0
74	Quid pro quo? – Entwicklung des Wirtschaftsverkehrs in Binnenhäfen in Abhängigkeit von alternativen Flächennutzungskonzepten. , 2013, , 90-109.		0
75	Simulation der Interaktion von Elektrofahrzeugdaten und Navigationsdaten. , 2012, , 599-609.		3
76	Potenziale eines GPS-Trackingsystems. ZWF Zeitschrift fuer Wirtschaftlichen Fabrikbetrieb, 2011, 106, 342-345.	0.3	0
77	Produktionsflexibilität und unternehmerische Orientierung. ZWF Zeitschrift fuer Wirtschaftlichen Fabrikbetrieb, 2010, 105, 976-979.	0.3	0
78	German Fachhochschulen: Towards the End of a Success Story?. Higher Education Dynamics, 2008, , 99-122.	0.3	7