

Izabela Nielsen

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

1,782
citations

304368

22
h-index

301761

39
g-index

92
all docs

92
docs citations

92
times ranked

1423
citing authors

#	ARTICLE	IF	CITATIONS
1	Pricing and quality competition for substitutable green products with a common retailer. <i>Operational Research</i> , 2022, 22, 3713-3746.	1.3	5
2	Effect of Product Distribution Structures and Government Subsidy Measures on Product Quality and Consumption under Competition. <i>Sustainability</i> , 2022, 14, 3624.	1.6	0
3	Reference model of milk-run traffic systems prototyping. <i>International Journal of Production Research</i> , 2021, 59, 4495-4512.	4.9	15
4	Replacement of Fishmeal by Fermented Animal Protein Blend in the Feed of <i>Mystus vittatus</i> : Analysis of Optimality By Programming and Modeling. <i>Proceedings of the Zoological Society</i> , 2021, 74, 62-72.	0.4	2
5	Out-Plant Milk-Run-Driven Mission Planning Subject to Dynamic Changes of Date and Place Delivery. <i>Lecture Notes in Computer Science</i> , 2021, , 151-167.	1.0	0
6	Rerouting and Rescheduling of In-Plant Milk Run Based Delivery Subject to Supply Reconfigurability Constraints. <i>Studies in Systems, Decision and Control</i> , 2021, , 55-78.	0.8	3
7	Effect of Optimal Subsidy Rate and Strategic Behaviour of Supply Chain Members under Competition on Green Product Retailing. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-23.	0.6	14
8	UAVs Path Planning under a Bi-Objective Optimization Framework for Smart Cities. <i>Electronics (Switzerland)</i> , 2021, 10, 1193.	1.8	13
9	Valkyrieâ€™ Design and Development of Gaits for Quadruped Robot Using Particle Swarm Optimization. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7458.	1.3	12
10	Strategic inventory and pricing decision for substitutable products. <i>Computers and Industrial Engineering</i> , 2021, 160, 107570.	3.4	12
11	Strategic Integration Decision under Supply Chain Competition in the Presence of Online Channel. <i>Symmetry</i> , 2021, 13, 58.	1.1	8
12	Competence-oriented project team planning â€™ university case study. <i>Journal of Information and Telecommunication</i> , 2021, 5, 310-333.	2.2	0
13	Lean manufacturing and Industry 4.0 combinative application: Practices and perceived benefits. <i>IFAC-PapersOnLine</i> , 2021, 54, 288-293.	0.5	17
14	Estimating Production and Warranty Cost at the Early Stage of a New Product Development Project. <i>IFAC-PapersOnLine</i> , 2021, 54, 1092-1097.	0.5	6
15	Production Scheduling using a Multi-Objective framework in an Automotive Company. <i>IFAC-PapersOnLine</i> , 2021, 54, 1087-1091.	0.5	3
16	Impact of Strategic Cooperation under Competition on Green Product Manufacturing. <i>Sustainability</i> , 2020, 12, 10248.	1.6	24
17	A decision support scheme for beta thalassemia and HbE carrier screening. <i>Journal of Advanced Research</i> , 2020, 24, 183-190.	4.4	10
18	Game-Theoretic Analysis to Examine How Government Subsidy Policies Affect a Closed-Loop Supply Chain Decision. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 145.	1.3	34

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19	Multi-Objective Human Resource Allocation Approach for Sustainable Traffic Management. International Journal of Environmental Research and Public Health, 2020, 17, 2470.	1.2	6
20	Blockage-Free Route Planning for In-Plant Milk-Run Material Delivery Systems. Studies in Systems, Decision and Control, 2020, , 105-132.	0.8	3
21	Constraint Programming for New Product Development Project Prototyping. Lecture Notes in Computer Science, 2020, , 26-37.	1.0	1
22	Competence-Oriented Recruitment of a Project Team Robust to Disruptions. Lecture Notes in Computer Science, 2020, , 13-25.	1.0	0
23	Declarative Modelling Approach for New Product Development. IFAC-PapersOnLine, 2020, 53, 10525-10530.	0.5	3
24	Reference Model of a Milk-Run Delivery Problem. Lecture Notes in Mechanical Engineering, 2019, , 150-160.	0.3	3
25	Comparative analysis of government incentives and game structures on single and two-period green supply chain. Journal of Cleaner Production, 2019, 235, 1371-1398.	4.6	104
26	Dilemma in two game structures for a closed-loop supply chain under the influence of government incentives. Journal of Industrial Engineering International, 2019, 15, 291-308.	1.8	5
27	Real-Time Order Acceptance and Scheduling Problems in a Flow Shop Environment Using Hybrid GA-PSO Algorithm. IEEE Access, 2019, 7, 112742-112755.	2.6	26
28	Scheduling automated transport vehicles for material distribution systems. Applied Soft Computing Journal, 2019, 82, 105552.	4.1	34
29	Exploring the intervention of intermediary in a green supply chain. Journal of Cleaner Production, 2019, 233, 1525-1544.	4.6	38
30	A decision support model for prototyping in-plant milk-run traffic systems. IFAC-PapersOnLine, 2019, 52, 814-819.	0.5	1
31	Is It a Strategic Move to Subsidized Consumers Instead of the Manufacturer?. IEEE Access, 2019, 7, 169807-169824.	2.6	38
32	Multimodal processes prototyping subject to grid-like network and fuzzy operation time constraints. Annals of Operations Research, 2019, 273, 561-585.	2.6	15
33	Solving fixed charge transportation problem with truck load constraint using metaheuristics. Annals of Operations Research, 2019, 273, 207-236.	2.6	10
34	Task scheduling system for UAV operations in indoor environment. Neural Computing and Applications, 2019, 31, 5431-5459.	3.2	56
35	Green supplier selection using fuzzy group decision making methods: A case study from the agri-food industry. Computers and Operations Research, 2018, 89, 337-347.	2.4	358
36	Scheduling unmanned aerial vehicle and automated guided vehicle operations in an indoor manufacturing environment using differential evolution-fused particle swarm optimization. International Journal of Advanced Robotic Systems, 2018, 15, 172988141775414.	1.3	22

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37	A cyclic scheduling approach to maintaining production flow robustness. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401774624.	0.8	14
38	Procurement planning in a multi-period supply chain: An epiphany. <i>Operations Research Perspectives</i> , 2018, 5, 383-398.	1.2	5
39	Toward delay-tolerant multiple-unmanned aerial vehicle scheduling system using Multi-strategy Coevolution algorithm. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401881523.	0.8	5
40	Procurement Decisions in Multi-period Supply Chain. <i>IFIP Advances in Information and Communication Technology</i> , 2018, , 433-442.	0.5	0
41	A Diophantine Set-Driven Approach to Part Sets Cycle Time Scheduling and Repetitive Flow Balancing. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 233-243.	0.5	2
42	The Actual Nature of Lead Times in Supply Chains Following a Strict Reorder Point Based Approach. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 164-172.	0.5	1
43	A methodology for implementation of mobile robot in adaptive manufacturing environments. <i>Journal of Intelligent Manufacturing</i> , 2017, 28, 1171-1188.	4.4	70
44	Delivery-flow routing and scheduling subject to constraints imposed by vehicle flows in fractal-like networks. <i>Archives of Control Sciences</i> , 2017, 27, 135-150.	1.7	7
45	Tool speed and polarity effects in micro-EDM drilling of 316L stainless steel. <i>Production and Manufacturing Research</i> , 2017, 5, 99-117.	0.9	21
46	Material supply scheduling in a ubiquitous manufacturing system. <i>Robotics and Computer-Integrated Manufacturing</i> , 2017, 45, 21-33.	6.1	20
47	Differential evolution algorithm for solving RALB problem using cost- and time-based models. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 311-332.	1.5	35
48	Reduction of Congestion in Transport Networks with a Fractal Structure. <i>Advances in Intelligent Systems and Computing</i> , 2017, , 189-201.	0.5	3
49	Optimal retailer investments in green operations and preservation technology for deteriorating items. <i>Journal of Cleaner Production</i> , 2017, 140, 1514-1527.	4.6	53
50	Re-scheduling of AGVs Steady State Flow. <i>IFAC-PapersOnLine</i> , 2017, 50, 3493-3498.	0.5	6
51	A simulation-based genetic algorithm approach for reducing emissions from import container pick-up operation at container terminal. <i>Annals of Operations Research</i> , 2016, 242, 285-301.	2.6	40
52	Redesign of an in-market food processor for manufacturing cost reduction using DFMA methodology. <i>Production and Manufacturing Research</i> , 2016, 4, 209-227.	0.9	15
53	A system of UAV application in indoor environment. <i>Production and Manufacturing Research</i> , 2016, 4, 2-22.	0.9	58
54	Production flows scheduling subject to fuzzy processing time constraints. <i>International Journal of Computer Integrated Manufacturing</i> , 2016, 29, 1105-1127.	2.9	41

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55	GA-Based Scheduling for Transporting and Manufacturing Mobile Robots in FMS. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 555-563.	0.5	1
56	A Hybrid Approach to Decision Support for Resource-Constrained Scheduling Problems. <i>Smart Innovation, Systems and Technologies</i> , 2016, , 101-113.	0.5	0
57	Multimodal processes optimization subject to fuzzy operation time constraints: declarative modeling approach. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2016, 17, 338-347.	1.5	6
58	Concept of Indoor 3D-Route UAV Scheduling System. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 29-40.	0.5	5
59	Scheduling System for Multiple Unmanned Aerial Vehicles in Indoor Environments Using the CSP Approach. <i>Smart Innovation, Systems and Technologies</i> , 2016, , 77-87.	0.5	6
60	Material Supply Scheduling for a Mobile Robot with Supply Quantity Consideration – A GA-based Approach. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 41-52.	0.5	1
61	Planning of vessel speed and fuel bunkering over a route with speed limits. <i>Maritime Economics and Logistics</i> , 2015, 18, 414.	2.0	0
62	Multimodal processes prototyping subject to fuzzy operation time constraints. <i>IFAC-PapersOnLine</i> , 2015, 48, 2103-2108.	0.5	8
63	Criteria definition and approaches in green supplier selection – a case study for raw material and packaging of food industry. <i>Production and Manufacturing Research</i> , 2015, 3, 149-168.	0.9	69
64	A Multi-agent Hybrid Approach to Decision Support in Job Groups Handling. <i>Communications in Computer and Information Science</i> , 2015, , 80-89.	0.4	1
65	Green Supplier Selection in Edible oil Production by a Hybrid Model Using Delphi Method and Green Data Envelopment Analysis (GDEA). <i>Management and Production Engineering Review</i> , 2014, 5, 3-8.	1.4	12
66	A Hybrid Multi-agent Approach to the Solving Supply Chain Problems. <i>Procedia Computer Science</i> , 2014, 35, 1557-1566.	1.2	26
67	Iterative multimodal processes scheduling. <i>Annual Reviews in Control</i> , 2014, 38, 113-122.	4.4	30
68	Scheduling a single mobile robot for part-feeding tasks of production lines. <i>Journal of Intelligent Manufacturing</i> , 2014, 25, 1271-1287.	4.4	60
69	Automated guided vehicles fleet match-up scheduling with production flow constraints. <i>Engineering Applications of Artificial Intelligence</i> , 2014, 30, 49-62.	4.3	44
70	Towards an Analysis Methodology for Identifying Root Causes of Poor Delivery Performance. <i>Foundations of Management</i> , 2014, 6, 31-42.	0.2	1
71	Production and Resource Scheduling in Mass Customization with Dependent Setup Consideration. <i>Lecture Notes in Production Engineering</i> , 2014, , 461-472.	0.3	7
72	Green Supplier Selection Criteria: From a Literature Review to a Flexible Framework for Determination of Suitable Criteria. <i>Ecoproduction</i> , 2014, , 79-99.	0.8	38

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73	Scheduling of Mobile Robots with Preemptive Tasks. Advances in Intelligent Systems and Computing, 2014, , 19-27.	0.5	22
74	Multimodal Processes Approach to Supply Chain Modeling. Advances in Intelligent Systems and Computing, 2014, , 29-37.	0.5	3
75	Modelling and Scheduling Autonomous Mobile Robot for a Real-World Industrial Application. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 2098-2103.	0.4	5
76	Replenishment policies for empty containers in an inland multi-depot system. Maritime Economics and Logistics, 2013, 15, 120-149.	2.0	23
77	A Design of Experiments Approach to Investigating the Sensitivity of the Re-order Point Method. IFIP Advances in Information and Communication Technology, 2013, , 646-653.	0.5	1
78	Multi-objective Genetic Algorithm for Real-World Mobile Robot Scheduling Problem. IFIP Advances in Information and Communication Technology, 2013, , 518-525.	0.5	0
79	A decision support system for waste collection management and its potential improvement with Radio-Frequency Identification Technology (RFID). International Journal of Environmental Technology and Management, 2012, 15, 305.	0.1	3
80	A declarative approach to cyclic processes coupling and scheduling. , 2012, , .		0
81	A Genetic Algorithm-Based Heuristic for Part-Feeding Mobile Robot Scheduling Problem. Advances in Intelligent and Soft Computing, 2012, , 85-92.	0.2	19
82	Mathematical Formulation for Mobile Robot Scheduling Problem in a Manufacturing Cell. International Federation for Information Processing, 2012, , 37-44.	0.4	3
83	Advanced planning and scheduling technology. Production Planning and Control, 2011, 22, 800-808.	5.8	34
84	Special issue on "Applied simulation, planning and scheduling techniques in industry". Production Planning and Control, 2011, 22, 725-726.	5.8	0
85	Analyzing and evaluating product demand interdependencies. Computers in Industry, 2010, 61, 869-876.	5.7	22
86	Optimizing supply chain waste management through the use of RFID technology. , 2010, , .		22
87	Influence of strategic inventory on the equilibrium of two competing supply chains. Infor, 0, , 1-32.	0.5	1