

Dmitry Ivanov

List of Publications by Year in descending order

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Version: 2024-02-01

203
papers

18,011
citations

15504

65
h-index

15732

125
g-index

220
all docs

220
docs citations

220
times ranked

5993
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting the impacts of epidemic outbreaks on global supply chains: A simulation-based analysis on the coronavirus outbreak (COVID-19/SARS-CoV-2) case. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2020, 136, 101922.	7.4	1,275
2	Viability of intertwined supply networks: extending the supply chain resilience angles towards survivability. A position paper motivated by COVID-19 outbreak. <i>International Journal of Production Research</i> , 2020, 58, 2904-2915.	7.5	985
3	The impact of digital technology and Industry 4.0 on the ripple effect and supply chain risk analytics. <i>International Journal of Production Research</i> , 2019, 57, 829-846.	7.5	965
4	Review of quantitative methods for supply chain resilience analysis. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019, 125, 285-307.	7.4	654
5	A digital supply chain twin for managing the disruption risks and resilience in the era of Industry 4.0. <i>Production Planning and Control</i> , 2021, 32, 775-788.	8.8	545
6	Viable supply chain model: integrating agility, resilience and sustainability perspectives—lessons from and thinking beyond the COVID-19 pandemic. <i>Annals of Operations Research</i> , 2022, 319, 1411-1431.	4.1	542
7	Impacts of epidemic outbreaks on supply chains: mapping a research agenda amid the COVID-19 pandemic through a structured literature review. <i>Annals of Operations Research</i> , 2022, 319, 1159-1196.	4.1	497
8	Ripple effect in the supply chain: an analysis and recent literature. <i>International Journal of Production Research</i> , 2018, 56, 414-430.	7.5	495
9	The Ripple effect in supply chains: trade-off “efficiency-flexibility-resilience” in disruption management. <i>International Journal of Production Research</i> , 2014, 52, 2154-2172.	7.5	451
10	Literature review on disruption recovery in the supply chain. <i>International Journal of Production Research</i> , 2017, 55, 6158-6174.	7.5	444
11	A dynamic model and an algorithm for short-term supply chain scheduling in the smart factory industry 4.0. <i>International Journal of Production Research</i> , 2016, 54, 386-402.	7.5	417
12	Blockchain-oriented dynamic modelling of smart contract design and execution in the supply chain. <i>International Journal of Production Research</i> , 2020, 58, 2184-2199.	7.5	315
13	Coronavirus (COVID-19/SARS-CoV-2) and supply chain resilience: a research note. <i>International Journal of Integrated Supply Management</i> , 2020, 13, 90.	0.3	315
14	OR-methods for coping with the ripple effect in supply chains during COVID-19 pandemic: Managerial insights and research implications. <i>International Journal of Production Economics</i> , 2021, 232, 107921.	8.9	293
15	A supervised machine learning approach to data-driven simulation of resilient supplier selection in digital manufacturing. <i>International Journal of Information Management</i> , 2019, 49, 86-97.	17.5	288
16	Revealing interfaces of supply chain resilience and sustainability: a simulation study. <i>International Journal of Production Research</i> , 2018, 56, 3507-3523.	7.5	267
17	Reconfigurable supply chain: the X-network. <i>International Journal of Production Research</i> , 2020, 58, 4138-4163.	7.5	261
18	Researchers' perspectives on Industry 4.0: multi-disciplinary analysis and opportunities for operations management. <i>International Journal of Production Research</i> , 2021, 59, 2055-2078.	7.5	248

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19	Resilient supplier selection and optimal order allocation under disruption risks. <i>International Journal of Production Economics</i> , 2019, 213, 124-137.	8.9	234
20	Challenges for the cyber-physical manufacturing enterprises of the future. <i>Annual Reviews in Control</i> , 2019, 47, 200-213.	7.9	225
21	Low-Certainty-Need (LCN) supply chains: a new perspective in managing disruption risks and resilience. <i>International Journal of Production Research</i> , 2019, 57, 5119-5136.	7.5	220
22	A multi-structural framework for adaptive supply chain planning and operations control with structure dynamics considerations. <i>European Journal of Operational Research</i> , 2010, 200, 409-420.	5.7	219
23	Supply Chain Viability and the COVID-19 pandemic: a conceptual and formal generalisation of four major adaptation strategies. <i>International Journal of Production Research</i> , 2021, 59, 3535-3552.	7.5	214
24	Does the ripple effect influence the bullwhip effect? An integrated analysis of structural and operational dynamics in the supply chain. <i>International Journal of Production Research</i> , 2020, 58, 1285-1301.	7.5	211
25	Supply chain dynamics, control and disruption management. <i>International Journal of Production Research</i> , 2016, 54, 1-7.	7.5	207
26	Scheduling in production, supply chain and Industry 4.0 systems by optimal control: fundamentals, state-of-the-art and applications. <i>International Journal of Production Research</i> , 2019, 57, 411-432.	7.5	206
27	Food retail supply chain resilience and the COVID-19 pandemic: A digital twin-based impact analysis and improvement directions. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2021, 152, 102412.	7.4	206
28	Simulation-based ripple effect modelling in the supply chain. <i>International Journal of Production Research</i> , 2017, 55, 2083-2101.	7.5	196
29	Control and system-theoretic identification of the supply chain dynamics domain for planning, analysis and adaptation of performance under uncertainty. <i>European Journal of Operational Research</i> , 2013, 224, 313-323.	5.7	189
30	Increasing flexibility and productivity in Industry 4.0 production networks with autonomous mobile robots and smart intralogistics. <i>Annals of Operations Research</i> , 2022, 308, 125-143.	4.1	187
31	Ripple effect in the supply chain network: Forward and backward disruption propagation, network health and firm vulnerability. <i>European Journal of Operational Research</i> , 2021, 291, 1117-1131.	5.7	174
32	Machine learning in manufacturing and industry 4.0 applications. <i>International Journal of Production Research</i> , 2021, 59, 4773-4778.	7.5	167
33	Ripple effect and supply chain disruption management: new trends and research directions. <i>International Journal of Production Research</i> , 2021, 59, 102-109.	7.5	163
34	Costs of resilience and disruptions in supply chain network design models: A review and future research directions. <i>International Journal of Production Economics</i> , 2021, 235, 108103.	8.9	156
35	A survey on control theory applications to operational systems, supply chain management, and Industry 4.0. <i>Annual Reviews in Control</i> , 2018, 46, 134-147.	7.9	151
36	Bayesian networks for supply chain risk, resilience and ripple effect analysis: A literature review. <i>Expert Systems With Applications</i> , 2020, 161, 113649.	7.6	149

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37	Optimal distribution (re)planning in a centralized multi-stage supply network under conditions of the ripple effect and structure dynamics. <i>European Journal of Operational Research</i> , 2014, 237, 758-770.	5.7	144
38	Disruption tails and revival policies: A simulation analysis of supply chain design and production-ordering systems in the recovery and post-disruption periods. <i>Computers and Industrial Engineering</i> , 2019, 127, 558-570.	6.3	135
39	Lean resilience: AURA (Active Usage of Resilience Assets) framework for post-COVID-19 supply chain management. <i>International Journal of Logistics Management</i> , 2022, 33, 1196-1217.	6.6	132
40	Structural Dynamics and Resilience in Supply Chain Risk Management. <i>Profiles in Operations Research</i> , 2018, , .	0.4	129
41	Competitive pricing of substitute products under supply disruption. <i>Omega</i> , 2021, 101, 102279.	5.9	128
42	Ripple effect modelling of supplier disruption: integrated Markov chain and dynamic Bayesian network approach. <i>International Journal of Production Research</i> , 2020, 58, 3284-3303.	7.5	124
43	Disruption-driven supply chain (re)-planning and performance impact assessment with consideration of pro-active and recovery policies. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2016, 90, 7-24.	7.4	123
44	Structural quantification of the ripple effect in the supply chain. <i>International Journal of Production Research</i> , 2016, 54, 152-169.	7.5	114
45	Cloud supply chain: Integrating Industry 4.0 and digital platforms in the "Supply Chain-as-a-Service". <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 160, 102676.	7.4	109
46	Ripple effect quantification by supplier risk exposure assessment. <i>International Journal of Production Research</i> , 2020, 58, 5559-5578.	7.5	108
47	An adaptive framework for aligning (re)planning decisions on supply chain strategy, design, tactics, and operations. <i>International Journal of Production Research</i> , 2010, 48, 3999-4017.	7.5	105
48	Applicability of optimal control theory to adaptive supply chain planning and scheduling. <i>Annual Reviews in Control</i> , 2012, 36, 73-84.	7.9	103
49	Hybrid fuzzy-probabilistic approach to supply chain resilience assessment. <i>IEEE Transactions on Engineering Management</i> , 2018, 65, 303-315.	3.5	100
50	Building resilience and managing post-disruption supply chain recovery: Lessons from the information and communication technology industry. <i>International Journal of Information Management</i> , 2019, 49, 330-342.	17.5	100
51	Adaptive Supply Chain Management. , 2010, , .		98
52	Optimization of network redundancy and contingency planning in sustainable and resilient supply chain resource management under conditions of structural dynamics. <i>Annals of Operations Research</i> , 0, , 1.	4.1	93
53	New flexibility drivers for manufacturing, supply chain and service operations. <i>International Journal of Production Research</i> , 2018, 56, 3359-3368.	7.5	92
54	Exiting the COVID-19 pandemic: after-shock risks and avoidance of disruption tails in supply chains. <i>Annals of Operations Research</i> , 2021, , 1-18.	4.1	91

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55	A new resilience measure for supply networks with the ripple effect considerations: a Bayesian network approach. <i>Annals of Operations Research</i> , 2022, 319, 581-607.	4.1	90
56	Coordination of production and ordering policies under capacity disruption and product write-off risk: an analytical study with real-data based simulations of a fast moving consumer goods company. <i>Annals of Operations Research</i> , 2020, 291, 387-407.	4.1	87
57	Scheduling of recovery actions in the supply chain with resilience analysis considerations. <i>International Journal of Production Research</i> , 2018, 56, 6473-6490.	7.5	86
58	Supply chain viability: conceptualization, measurement, and nomological validation. <i>Annals of Operations Research</i> , 2021, , 1-30.	4.1	86
59	Adapting supply chain operations in anticipation of and during the COVID-19 pandemic. <i>Omega</i> , 2022, 110, 102635.	5.9	84
60	Dual sourcing under supply disruption with risk-averse suppliers in the sharing economy. <i>International Journal of Production Research</i> , 2020, 58, 291-307.	7.5	82
61	Digital Supply Chain Twins: Managing the Ripple Effect, Resilience, and Disruption Risks by Data-Driven Optimization, Simulation, and Visibility. <i>Profiles in Operations Research</i> , 2019, , 309-332.	0.4	81
62	Minimization of disruption-related return flows in the supply chain. <i>International Journal of Production Economics</i> , 2017, 183, 503-513.	8.9	79
63	A real-option approach to mitigate disruption risk in the supply chain. <i>Omega</i> , 2019, 88, 133-149.	5.9	78
64	“A blessing in disguise” or “as if it wasn’t hard enough already”: reciprocal and aggravate vulnerabilities in the supply chain. <i>International Journal of Production Research</i> , 2020, 58, 3252-3262.	7.5	75
65	Exploring supply chain structural dynamics: New disruptive technologies and disruption risks. <i>International Journal of Production Economics</i> , 2020, 229, 107886.	8.9	74
66	Blockchain-supported business model design, supply chain resilience, and firm performance. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 163, 102773.	7.4	74
67	Dynamic recovery policies for time-critical supply chains under conditions of ripple effect. <i>International Journal of Production Research</i> , 2016, 54, 7245-7258.	7.5	73
68	Simulation-based single vs. dual sourcing analysis in the supply chain with consideration of capacity disruptions, big data and demand patterns. <i>International Journal of Integrated Supply Management</i> , 2017, 11, 24.	0.3	71
69	Conceptualization and Measurement of Supply Chain Resilience in an Open-System Context. <i>IEEE Transactions on Engineering Management</i> , 2022, 69, 3111-3126.	3.5	70
70	Stress testing supply chains and creating viable ecosystems. <i>Operations Management Research</i> , 2022, 15, 475-486.	8.5	70
71	Digital Supply Chain Management and Technology to Enhance Resilience by Building and Using End-to-End Visibility During the COVID-19 Pandemic. <i>IEEE Transactions on Engineering Management</i> , 2024, , 1-11.	3.5	66
72	Integrated detection of disruption scenarios, the ripple effect dispersal and recovery paths in supply chains. <i>Annals of Operations Research</i> , 2022, 319, 609-631.	4.1	63

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73	Dual problem formulation and its application to optimal redesign of an integrated production–distribution network with structure dynamics and ripple effect considerations. <i>International Journal of Production Research</i> , 2013, 51, 5386-5403.	7.5	62
74	New disruption risk management perspectives in supply chains: digital twins, the ripple effect, and resilience. <i>IFAC-PapersOnLine</i> , 2019, 52, 337-342.	0.9	62
75	Integration of aggregate distribution and dynamic transportation planning in a supply chain with capacity disruptions and the ripple effect consideration. <i>International Journal of Production Research</i> , 2015, 53, 6963-6979.	7.5	58
76	Introduction to Supply Chain Resilience. <i>Classroom Companion: Business</i> , 2021, , .	10.7	57
77	A multi-layer Bayesian network method for supply chain disruption modelling in the wake of the COVID-19 pandemic. <i>International Journal of Production Research</i> , 2022, 60, 5258-5276.	7.5	53
78	A control approach to scheduling flexibly configurable jobs with dynamic structural-logical constraints. <i>IIE Transactions</i> , 2021, 53, 21-38.	2.4	52
79	Visualisation of ripple effect in supply chains under long-term, simultaneous disruptions: a system dynamics approach. <i>International Journal of Production Research</i> , 2022, 60, 6173-6186.	7.5	51
80	Simultaneous structural–operational control of supply chain dynamics and resilience. <i>Annals of Operations Research</i> , 2019, 283, 1191-1210.	4.1	49
81	Global Supply Chain and Operations Management. <i>Springer Texts in Business and Economics</i> , 2017, , .	0.3	48
82	Analysis of the COVID-19 pandemic’s impacts on manufacturing: a systematic literature review and future research agenda. <i>Operations Management Research</i> , 2022, 15, 551-566.	8.5	45
83	Structure dynamics control approach to supply chain planning and adaptation. <i>International Journal of Production Research</i> , 2012, 50, 6133-6149.	7.5	43
84	Global Supply Chain and Operations Management. <i>Springer Texts in Business and Economics</i> , 2019, , .	0.3	43
85	A robust-heuristic optimization approach to a green supply chain design with consideration of assorted vehicle types and carbon policies under uncertainty. <i>Annals of Operations Research</i> , 2023, 324, 395-435.	4.1	42
86	Supply chain resilience and its interplay with digital technologies: making innovations work in emergency situations. <i>International Journal of Physical Distribution and Logistics Management</i> , 2021, 51, 97-103.	7.4	40
87	Schedule coordination in cyber-physical supply networks Industry 4.0. <i>IFAC-PapersOnLine</i> , 2016, 49, 839-844.	0.9	39
88	The inter–disciplinary modelling of supply chains in the context of collaborative multi–structural cyber–physical networks. <i>Journal of Manufacturing Technology Management</i> , 2012, 23, 976-997.	6.4	38
89	Robust dynamic schedule coordination control in the supply chain. <i>Computers and Industrial Engineering</i> , 2016, 94, 18-31.	6.3	35
90	Disruptions in supply chains and recovery policies: state-of-the art review. <i>IFAC-PapersOnLine</i> , 2016, 49, 1436-1441.	0.9	32

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91	Schedule robustness analysis with the help of attainable sets in continuous flow problem under capacity disruptions. International Journal of Production Research, 2016, 54, 3397-3413.	7.5	31
92	OR and analytics for digital, resilient, and sustainable manufacturing 4.0. Annals of Operations Research, 2022, 310, 1-6.	4.1	31
93	Integrated scheduling of material flows and information services in industry 4.0 supply networks. IFAC-PapersOnLine, 2015, 48, 1533-1538.	0.9	30
94	Dynamic co-ordinated scheduling in the supply chain under a process modernisation. International Journal of Production Research, 2013, 51, 2680-2697.	7.5	28
95	Digital Supply Chain, Smart Operations and Industry 4.0. Springer Texts in Business and Economics, 2019, , 481-526.	0.3	28
96	Closed-loop supply chain simulation with disruption considerations: a case-study on Tesla. International Journal of Inventory Research, 2017, 4, 257.	0.3	27
97	Supply Chain Design With Disruption Considerations: Review of Research Streams on the Ripple Effect in the Supply Chain. IFAC-PapersOnLine, 2015, 48, 1700-1707.	0.9	26
98	Integrated supply chain planning based on a combined application of operations research and optimal control. Central European Journal of Operations Research, 2011, 19, 299-317.	1.8	24
99	Design redundancy in agile and resilient humanitarian supply chains. Annals of Operations Research, 2022, 319, 633-659.	4.1	24
100	Multi-stage supply chain scheduling with non-preemptive continuous operations and execution control. International Journal of Production Research, 2014, 52, 4059-4077.	7.5	21
101	CONTROL THEORY APPLICATIONS TO OPERATIONS SYSTEMS, SUPPLY CHAIN MANAGEMENT AND INDUSTRY 4.0 NETWORKS. IFAC-PapersOnLine, 2018, 51, 1536-1541.	0.9	21
102	The Digital Supply Chain’s emergence, concepts, definitions, and technologies. , 2022, , 3-24.		21
103	Integrated modelling of agile enterprise networks. International Journal of Agile Systems and Management, 2007, 2, 23.	0.3	20
104	Optimal Control Algorithms and Their Analysis for Short-Term Scheduling in Manufacturing Systems. Algorithms, 2018, 11, 57.	2.1	20
105	Blackout and supply chains: Cross-structural ripple effect, performance, resilience and viability impact analysis. Annals of Operations Research, 0, , .	4.1	20
106	An entropy-based approach to simultaneous analysis of supply chain structural complexity and adaptation potential. International Journal of Shipping and Transport Logistics, 2011, 3, 180.	0.5	19
107	Ripple Effect in the Supply Chain: Definitions, Frameworks and Future Research Perspectives. Profiles in Operations Research, 2019, , 1-33.	0.4	18
108	Integrated dynamic scheduling of material flows and distributed information services in collaborative cyber-physical supply networks. International Journal of Systems Science: Operations and Logistics, 2014, 1, 18-26.	3.0	17

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109	Managing Disruptions and the Ripple Effect in Digital Supply Chains: Empirical Case Studies. Profiles in Operations Research, 2019, , 261-285.	0.4	17
110	The cloud, platforms, and digital twins – Enablers of the digital supply chain. , 2022, , 77-91.		17
111	A mathematical model for managing the multi-dimensional impacts of the COVID-19 pandemic in supply chain of a high-demand item. Annals of Operations Research, 2022, , 1-46.	4.1	16
112	ON APPLICABILITY OF OPTIMAL CONTROL THEORY TO ADAPTIVE SUPPLY CHAIN PLANNING AND SCHEDULING. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 423-434.	0.4	13
113	Competitive energy consumption under transmission constraints in a multi-supplier power grid system. International Journal of Systems Science, 2017, 48, 994-1001.	5.5	12
114	CONTINGENCY PRODUCTION-INVENTORY CONTROL POLICY FOR CAPACITY DISRUPTIONS IN THE RETAIL SUPPLY CHAIN WITH PERISHABLE PRODUCTS. IFAC-PapersOnLine, 2018, 51, 1448-1452.	0.9	11
115	Quantitative Models of Collaborative Networks. International Federation for Information Processing, 2005, , 387-394.	0.4	11
116	Multi-disciplinary analysis of interfaces "Supply Chain Event Management - RFID - control theory". International Journal of Integrated Supply Management, 2013, 8, 52.	0.3	10
117	Exact and heuristic methods for integrated supply chain design reliability analysis. International Journal of Integrated Supply Management, 2016, 10, 206.	0.3	10
118	A Dynamic Approach to Multi-stage Job Shop Scheduling in an Industry 4.0-Based Flexible Assembly System. IFIP Advances in Information and Communication Technology, 2017, , 475-482.	0.7	10
119	Situational Modelling for Structural Dynamics Control of Industry-Business Processes and Supply Chains. Studies in Computational Intelligence, 2010, , 279-308.	0.9	10
120	Integrated customer-oriented product design and process networking of supply chains in virtual environments. International Journal of Networking and Virtual Organisations, 2012, 11, 48.	0.2	9
121	Ripple Effect in the Time-Critical Food Supply Chains and Recovery Policies. IFAC-PapersOnLine, 2015, 48, 1682-1687.	0.9	9
122	Supply Chain Management and Structural Dynamics Control. Profiles in Operations Research, 2018, , 1-18.	0.4	9
123	Optimal overbooking strategies in the airlines using dynamic programming approach in continuous time. Transportation Research, Part E: Logistics and Transportation Review, 2019, 128, 384-399.	7.4	9
124	A utility adjusted newsvendor model with stochastic demand. International Journal of Production Economics, 2019, 211, 154-165.	8.9	9
125	Proactive Scheduling and Reactive Real-Time Control in Industry 4.0. Profiles in Operations Research, 2020, , 11-37.	0.4	9
126	Optimal control representation of the mathematical programming model for supply chain dynamic reconfiguration. IFAC-PapersOnLine, 2017, 50, 4994-4999.	0.9	8

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127	Supply Chain Resilience: Modelling, Management, and Control. Profiles in Operations Research, 2018, , 45-89.	0.4	8
128	Stability Analysis in the Framework of Decision Making Under Risk and Uncertainty. , 2006, , 211-218.		8
129	Introduction to Scheduling in Industry 4.0 and Cloud Manufacturing Systems. Profiles in Operations Research, 2020, , 1-9.	0.4	8
130	Supply chain multi-structural (re)-design. International Journal of Integrated Supply Management, 2009, 5, 19.	0.3	7
131	Integrated analysis of supply chain structure design and adaptation potential in an agile environment. International Journal of Integrated Supply Management, 2011, 6, 165.	0.3	7
132	New Drivers for Supply Chain Structural Dynamics and Resilience: Sustainability, Industry 4.0, Self-Adaptation. Profiles in Operations Research, 2018, , 293-313.	0.4	7
133	Basics of Supply Chain and Operations Management. Springer Texts in Business and Economics, 2019, , 3-16.	0.3	7
134	Case studies of the digital technology impacts on supply chain disruption risk management. , 2019, , 23-52.		6
135	Intellectualization of control: cyber-physical supply chain risk analytics. IFAC-PapersOnLine, 2019, 52, 355-360.	0.9	6
136	Supply Chain Risk Management: Bullwhip Effect and Ripple Effect. Profiles in Operations Research, 2018, , 19-44.	0.4	5
137	OR/MS Methods for Structural Dynamics in Supply Chain Risk Management. Profiles in Operations Research, 2018, , 115-159.	0.4	5
138	Disruption tails and post-disruption instability mitigation in the supply chain. IFAC-PapersOnLine, 2019, 52, 343-348.	0.9	5
139	A multi-layer congested facility location problem with consideration of impatient customers in a queuing system. IFAC-PapersOnLine, 2019, 52, 2279-2284.	0.9	5
140	Editorial to the Special Issue on Operations Research Models for Supply Chain Finance. International Transactions in Operational Research, 2020, 27, 2263-2269.	2.7	5
141	Simulation Vs. Optimization Approaches to Ripple Effect Modelling in the Supply Chain. Lecture Notes in Logistics, 2018, , 34-39.	0.8	5
142	APPLICATION OF CONTROL THEORETIC TOOLS TO SUPPLY CHAIN DISRUPTION MANAGEMENT. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1926-1931.	0.4	4
143	Operations and Supply Chain Strategy. Springer Texts in Business and Economics, 2017, , 69-96.	0.3	4
144	Managing the risk of supply chain bankruptcy in supply chain network redesign. IFAC-PapersOnLine, 2019, 52, 2431-2436.	0.9	4

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145	Supply Chain Risk Management and Resilience. Springer Texts in Business and Economics, 2019, , 455-479.	0.3	4
146	Optimal divestment time in supply chain redesign under oligopoly: evidence from shale oil production plants. International Transactions in Operational Research, 2020, 27, 2559-2583.	2.7	4
147	Combined approach to the complex objects control and stability analysis of management decisions. International Journal of Risk Assessment and Management, 2020, 23, 106.	0.1	4
148	Manufacturing modelling, management and control: IFAC TC 5.2 past, present and future. Annual Reviews in Control, 2020, 49, 258-263.	7.9	4
149	Adaptation-Based Supply Chain Resilience. Lecture Notes in Logistics, 2013, , 267-287.	0.8	4
150	Integrated Adaptive Design and Planning of Supply Networks. Lecture Notes in Business Information Processing, 2010, , 152-163.	1.0	4
151	Supply Chain Risk Management and Resilience. Springer Texts in Business and Economics, 2021, , 485-520.	0.3	4
152	Expected trends in production networks for mass personalization in the cloud technology era. , 2022, , 13-37.		4
153	Analysis of the order recovery point location in the supply chain. International Journal of Integrated Supply Management, 2015, 9, 329.	0.3	3
154	Coordination of the supply chain schedules with re-scheduling considerations. IFAC-PapersOnLine, 2015, 48, 1509-1514.	0.9	3
155	Capacity planning on key work stations in a hybrid MTO-ETO production system: a case-study on Siemens AG. International Journal of Inventory Research, 2017, 4, 214.	0.3	3
156	Operations and Supply Chain Strategy. Springer Texts in Business and Economics, 2019, , 81-110.	0.3	3
157	Basics of Supply Chain and Operations Management. Springer Texts in Business and Economics, 2021, , 3-19.	0.3	3
158	Integrated Planning and Scheduling with Dynamic Analysis and Control of Service Level and Costs. Operations Research/ Computer Science Interfaces Series, 2016, , 263-283.	0.3	2
159	Natural Disasters and Supply Chain Disruption Management. , 2017, , 245-271.		2
160	Managing Supply Chain Resilience. Classroom Companion: Business, 2021, , 29-61.	10.7	2
161	Supply Chain Risks, Disruptions, and Ripple Effect. Classroom Companion: Business, 2021, , 1-28.	10.7	2
162	Demand Forecasting. Springer Texts in Business and Economics, 2019, , 319-333.	0.3	2

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163	Structure Dynamics Control-Based Service Scheduling in Collaborative Cyber-Physical Supply Networks. International Federation for Information Processing, 2012, , 280-288.	0.4	2
164	Scheduling in Production, Supply Chain and Industry 4.0 Systems by Optimal Control: Fundamentals, State-of-the-Art, and Applications. SSRN Electronic Journal, 0, , .	0.4	2
165	RFID-based Adaptive Feedbacks between Supply Chain Scheduling and Execution Control. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 435-440.	0.4	1
166	Task re-allocation in temporary production networks. International Journal of Integrated Supply Management, 2013, 8, 107.	0.3	1
167	Cost analysis of capacity flexibility in a hybrid multiple-line production system at Siemens AG. IFAC-PapersOnLine, 2016, 49, 1278-1282.	0.9	1
168	Flexible flow shop scheduling for continuous production. International Journal of Service and Computing Oriented Manufacturing, 2016, 2, 189.	0.2	1
169	Processes, Systems, and Models. Springer Texts in Business and Economics, 2017, , 37-67.	0.3	1
170	Basics of Supply Chain and Operations Management. Springer Texts in Business and Economics, 2017, , 1-14.	0.3	1
171	Production Strategy. Springer Texts in Business and Economics, 2017, , 121-140.	0.3	1
172	Simulation Applications to Structural Dynamics in Service and Manufacturing Supply Chain Risk Management. Profiles in Operations Research, 2018, , 243-274.	0.4	1
173	Disruption Tails and Revival Policies in the Supply Chain. Profiles in Operations Research, 2019, , 229-260.	0.4	1
174	Modeling Supply Chain Resilience. Classroom Companion: Business, 2021, , 63-92.	10.7	1
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