

# Dmitry Ivanov

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

212  
papers

10,496  
citations

55  
h-index

100  
g-index

220  
ext. papers

13,818  
ext. citations

3.4  
avg, IF

8.48  
L-index

#	Paper	IF	Citations
212	Expected trends in production networks for mass personalization in the cloud technology era <b>2022</b> , 13-37		3
211	OR and analytics for digital, resilient, and sustainable manufacturing 4.0. <i>Annals of Operations Research</i> , <b>2022</b> , 310, 1	3.2	5
210	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> , <b>2022</b> , 160, 102676	9	20
209	Adapting supply chain operations in anticipation of and during the COVID-19 pandemic.. <i>Omega</i> , <b>2022</b> , 110, 102635	7.2	20
208	A mathematical model for managing the multi-dimensional impacts of the COVID-19 pandemic in supply chain of a high-demand item.. <i>Annals of Operations Research</i> , <b>2022</b> , 1-46	3.2	4
207	Blockchain-supported business model design, supply chain resilience, and firm performance. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2022</b> , 163, 102773	9	13
206	The Digital Supply Chain—Emergence, concepts, definitions, and technologies <b>2022</b> , 3-24		5
205	The cloud, platforms, and digital twins—Enablers of the digital supply chain <b>2022</b> , 77-91		3
204	Basics of Supply Chain and Operations Management. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 3-19.	0.3	0
203	Inventory Management. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 385-433	0.3	
202	Sourcing Strategy. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 125-147	0.3	1
201	Examples from Different Industries, Services, and Continents. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 21-48	0.3	
200	Supply Chain Risk Management and Resilience. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 485-520	0.3	
199	Digital Supply Chain, Smart Operations and Industry 4.0. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 521-581	0.3	
198	Facility Location Planning and Network Design. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 171-222	0.3	
197	Routing and Scheduling. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 435-482	0.3	
196	Distribution and Transportation Network Design. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 223-265.	0.3	

195	Production Strategy. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 149-169	0.3	
194	Operations and Supply Chain Strategy. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 87-124	0.3	
193	Factory Planning and Process Design. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 267-313	0.3	
192	Processes, Systems, and Models. <i>Springer Texts in Business and Economics</i> , <b>2021</b> , 49-83	0.3	
191	Supply chain viability: conceptualization, measurement, and nomological validation. <i>Annals of Operations Research</i> , <b>2021</b> , 1-30	3.2	41
190	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> , <b>2021</b> , 59, 3535-3552	7.8	78
189	Exiting the COVID-19 pandemic: after-shock risks and avoidance of disruption tails in supply chains. <i>Annals of Operations Research</i> , <b>2021</b> , 1-18	3.2	35
188	Costs of resilience and disruptions in supply chain network design models: A review and future research directions. <i>International Journal of Production Economics</i> , <b>2021</b> , 235, 108103	9.3	63
187	A control approach to scheduling flexibly configurable jobs with dynamic structural-logical constraints. <i>IIE Transactions</i> , <b>2021</b> , 53, 21-38	3.3	33
186	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> , <b>2021</b> , 32, 775-788	4.3	238
185	Competitive pricing of substitute products under supply disruption. <i>Omega</i> , <b>2021</b> , 101, 102279	7.2	58
184	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> , <b>2021</b> , 232, 107921	9.3	130
183	Ripple effect in the supply chain network: Forward and backward disruption propagation, network health and firm vulnerability. <i>European Journal of Operational Research</i> , <b>2021</b> , 291, 1117-1131	5.6	76
182	Researchers' perspectives on Industry 4.0: multi-disciplinary analysis and opportunities for operations management. <i>International Journal of Production Research</i> , <b>2021</b> , 59, 2055-2078	7.8	123
181	Ripple effect and supply chain disruption management: new trends and research directions. <i>International Journal of Production Research</i> , <b>2021</b> , 59, 102-109	7.8	61
180	Managing Supply Chain Resilience. <i>Classroom Companion: Business</i> , <b>2021</b> , 29-61	0.1	2
179	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> , <b>2021</b> , 1-11	2.6	18
178	Modeling Supply Chain Resilience. <i>Classroom Companion: Business</i> , <b>2021</b> , 63-92	0.1	

177	Measuring Supply Chain Resilience. <i>Classroom Companion: Business</i> , <b>2021</b> , 93-126	0.1	
176	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> , <b>2021</b> , 51, 97-103	5.2	17
175	Lean resilience: AURA (Active Usage of Resilience Assets) framework for post-COVID-19 supply chain management. <i>International Journal of Logistics Management</i> , <b>2021</b> , ahead-of-print,	4.5	61
174	Machine learning in manufacturing and industry 4.0 applications. <i>International Journal of Production Research</i> , <b>2021</b> , 59, 4773-4778	7.8	31
173	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> , <b>2021</b> , 152, 102412	9	62
172	Introduction to Supply Chain Resilience. <i>Classroom Companion: Business</i> , <b>2021</b> ,	0.1	23
171	Optimal Core Acquisition and Remanufacturing Decisions With Discrete Core Quality Grades. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-20	2.6	0
170	Supply Chain Risks, Disruptions, and Ripple Effect. <i>Classroom Companion: Business</i> , <b>2021</b> , 1-28	0.1	1
169	Supply Chain Viability. <i>Classroom Companion: Business</i> , <b>2021</b> , 127-145	0.1	
168	Reconfigurable supply chain: the X-network. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 4138-4163	7.8	146
167	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> , <b>2020</b> , 1-38	3.2	256
166	Bayesian networks for supply chain risk, resilience and ripple effect analysis: A literature review. <i>Expert Systems With Applications</i> , <b>2020</b> , 161, 113649	7.8	77
165	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> , <b>2020</b> , 136, 101922	9	716
164	Increasing flexibility and productivity in Industry 4.0 production networks with autonomous mobile robots and smart intralogistics. <i>Annals of Operations Research</i> , <b>2020</b> , 1	3.2	90
163	Manufacturing modelling, management and control: IFAC TC 5.2 past, present and future. <i>Annual Reviews in Control</i> , <b>2020</b> , 49, 258-263	10.3	2
162	Integrated Scheduling of Information Services and Logistics Flows in the Omnichannel System. <i>Profiles in Operations Research</i> , <b>2020</b> , 125-140	1	
161	Introduction to Scheduling in Industry 4.0 and Cloud Manufacturing Systems. <i>Profiles in Operations Research</i> , <b>2020</b> , 1-9	1	5
160	Proactive Scheduling and Reactive Real-Time Control in Industry 4.0. <i>Profiles in Operations Research</i> , <b>2020</b> , 11-37	1	4

159	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> , <b>2020</b> , 1-21	3.2	284
158	Dual sourcing under supply disruption with risk-averse suppliers in the sharing economy. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 291-307	7.8	41
157	Coronavirus (COVID-19/SARS-CoV-2) and supply chain resilience: a research note. <i>International Journal of Integrated Supply Management</i> , <b>2020</b> , 13, 90	3.8	168
156	Combined approach to the complex objects control and stability analysis of management decisions. <i>International Journal of Risk Assessment and Management</i> , <b>2020</b> , 23, 106	0.9	4
155	Conceptualization and Measurement of Supply Chain Resilience in an Open-System Context. <i>IEEE Transactions on Engineering Management</i> , <b>2020</b> , 1-16	2.6	39
154	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> , <b>2020</b> , 291, 387-407	3.2	54
153	Blockchain-oriented dynamic modelling of smart contract design and execution in the supply chain. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 2184-2199	7.8	187
152	A blessing in disguise or is it wasn't hard enough already? reciprocal and aggravate vulnerabilities in the supply chain. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 3252-3262	7.8	51
151	Does the ripple effect influence the bullwhip effect? An integrated analysis of structural and operational dynamics in the supply chain. This is an extended version of the conference paper: Rozhkov M., B., and D. Ivanov. 2018. Contingency Production-Inventory Control Policies for Capacity Disruptions in the Retail Supply Chain with Perishable Products. 6th IFAC Symposium on	7.8	140
150	Optimal divestment time in supply chain redesign under oligopoly: evidence from shale oil production plants. <i>International Transactions in Operational Research</i> , <b>2020</b> , 27; 2559-2583	2.9	1
149	Ripple effect quantification by supplier risk exposure assessment. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 5559-5578	7.8	63
148	Ripple effect modelling of supplier disruption: integrated Markov chain and dynamic Bayesian network approach. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 3284-3303	7.8	78
147	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> , <b>2020</b> , 58, 2904-2915	7.8	495
146	A utility adjusted newsvendor model with stochastic demand. <i>International Journal of Production Economics</i> , <b>2019</b> , 211, 154-165	9.3	5
145	Disruption Tails and Revival Policies in the Supply Chain. <i>Profiles in Operations Research</i> , <b>2019</b> , 229-260	1	0
144	Ripple Effect in the Supply Chain: Definitions, Frameworks and Future Research Perspectives. <i>Profiles in Operations Research</i> , <b>2019</b> , 1-33	1	12
143	Entropy-Based Analysis and Quantification of Supply Chain Recoverability. <i>Profiles in Operations Research</i> , <b>2019</b> , 193-208	1	
142	Managing Disruptions and the Ripple Effect in Digital Supply Chains: Empirical Case Studies. <i>Profiles in Operations Research</i> , <b>2019</b> , 261-285	1	12

141	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> , <b>2019</b> , 309-332	1	45
140	Performance Impact Analysis of Disruption Propagations in the Supply Chain. <i>Profiles in Operations Research</i> , <b>2019</b> , 163-180	1	
139	Simultaneous structural-operational control of supply chain dynamics and resilience. <i>Annals of Operations Research</i> , <b>2019</b> , 283, 1191-1210	3.2	37
138	A Model of an Integrated Analytics Decision Support System for Situational Proactive Control of Recovery Processes in Service-Modularized Supply Chain. <i>Profiles in Operations Research</i> , <b>2019</b> , 129-144 <sup>1</sup>	1	
137	Resilient supplier selection and optimal order allocation under disruption risks. <i>International Journal of Production Economics</i> , <b>2019</b> , 213, 124-137	9.3	130
136	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> , <b>2019</b> , 1	3.2	61
135	Review of quantitative methods for supply chain resilience analysis. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2019</b> , 125, 285-307	9	343
134	A supervised machine learning approach to data-driven simulation of resilient supplier selection in digital manufacturing. <i>International Journal of Information Management</i> , <b>2019</b> , 49, 86-97	16.4	148
133	Case studies of the digital technology impacts on supply chain disruption risk management <b>2019</b> , 23-52		4
132	Multiple-Model Description and Control Construction Algorithm of Supply Chain. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 102-108	0.4	1
131	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> , <b>2019</b> , 57, 829-846	7.8	549
130	A real-option approach to mitigate disruption risk in the supply chain. <i>Omega</i> , <b>2019</b> , 88, 133-149	7.2	60
129	A new resilience measure for supply networks with the ripple effect considerations: a Bayesian network approach. <i>Annals of Operations Research</i> , <b>2019</b> , 1	3.2	55
128	Optimal overbooking strategies in the airlines using dynamic programming approach in continuous time. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2019</b> , 128, 384-399	9	5
127	Building resilience and managing post-disruption supply chain recovery: Lessons from the information and communication technology industry. <i>International Journal of Information Management</i> , <b>2019</b> , 49, 330-342	16.4	52
126	Integrated detection of disruption scenarios, the ripple effect dispersal and recovery paths in supply chains. <i>Annals of Operations Research</i> , <b>2019</b> , 1	3.2	40
125	Basics of Supply Chain and Operations Management. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 3-16.3	0.3	5
124	Inventory Management. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 361-406	0.3	0

123	Processes, Systems, and Models. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 45-78	0.3	
122	Production Strategy. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 135-154	0.3	
121	Distribution and Transportation Network Design. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 203-245	0.3	
120	Routing and Scheduling. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 407-452	0.3	
119	Sourcing Strategy. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 111-134	0.3	
118	Global Supply Chain and Operations Management. <i>Springer Texts in Business and Economics</i> , <b>2019</b> ,	0.3	27
117	Demand Forecasting. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 319-333	0.3	1
116	Digital Supply Chain, Smart Operations and Industry 4.0. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 481-526	0.3	13
115	Operations and Supply Chain Strategy. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 81-110	0.3	2
114	Facility Location Planning and Network Design. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 155-202	0.3	1
113	Challenges for the cyber-physical manufacturing enterprises of the future. <i>Annual Reviews in Control</i> , <b>2019</b> , 47, 200-213	10.3	154
112	New disruption risk management perspectives in supply chains: digital twins, the ripple effect, and resilience. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 337-342	0.7	32
111	Disruption tails and post-disruption instability mitigation in the supply chain. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 343-348	0.7	3
110	Intellectualization of control: cyber-physical supply chain risk analytics. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 355-360	0.7	4
109	A multi-layer congested facility location problem with consideration of impatient customers in a queuing system. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 2279-2284	0.7	1
108	Managing the risk of supply chain bankruptcy in supply chain network redesign. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 2431-2436	0.7	1
107	Design redundancy in agile and resilient humanitarian supply chains. <i>Annals of Operations Research</i> , <b>2019</b> , 1	3.2	11
106	Low-Certainty-Need (LCN) supply chains: a new perspective in managing disruption risks and resilience. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 5119-5136	7.8	156

105	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> , <b>2019</b> , 127, 558-570	6.4	94
104	Supply Chain Risk Management and Resilience. <i>Springer Texts in Business and Economics</i> , <b>2019</b> , 455-479	0.3	1
103	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> , <b>2019</b> , 57, 411-432	7.8	142
102	. <i>IEEE Transactions on Engineering Management</i> , <b>2018</b> , 65, 303-315	2.6	74
101	Revealing interfaces of supply chain resilience and sustainability: a simulation study. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 3507-3523	7.8	178
100	Ripple effect in the supply chain: an analysis and recent literature. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 414-430	7.8	316
99	Optimal Control Algorithms and Their Analysis for Short-Term Scheduling in Manufacturing Systems. <i>Algorithms</i> , <b>2018</b> , 11, 57	1.8	17
98	Structural Dynamics and Resilience in Supply Chain Risk Management. <i>Profiles in Operations Research</i> , <b>2018</b> ,	1	91
97	Simulation Vs. Optimization Approaches to Ripple Effect Modelling in the Supply Chain. <i>Lecture Notes in Logistics</i> , <b>2018</b> , 34-39	0.5	4
96	Scheduling of recovery actions in the supply chain with resilience analysis considerations. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 6473-6490	7.8	64
95	Supply Chain Management and Structural Dynamics Control. <i>Profiles in Operations Research</i> , <b>2018</b> , 1-18	1	5
94	New Drivers for Supply Chain Structural Dynamics and Resilience: Sustainability, Industry 4.0, Self-Adaptation. <i>Profiles in Operations Research</i> , <b>2018</b> , 293-313	1	7
93	Supply Chain Risk Management: Bullwhip Effect and Ripple Effect. <i>Profiles in Operations Research</i> , <b>2018</b> , 19-44	1	5
92	Supply Chain Resilience: Modelling, Management, and Control. <i>Profiles in Operations Research</i> , <b>2018</b> , 45-89	1	3
91	Principles and Methods of Model-Based Decision-Making in the Supply Chain. <i>Profiles in Operations Research</i> , <b>2018</b> , 91-114	1	
90	OR/MS Methods for Structural Dynamics in Supply Chain Risk Management. <i>Profiles in Operations Research</i> , <b>2018</b> , 115-159	1	3
89	Hybrid Multi-objective Mathematical Optimization: Optimal Control Model for Proactive Supply Chain Recovery Planning. <i>Profiles in Operations Research</i> , <b>2018</b> , 161-201	1	
88	Control-Theoretic Models and Algorithms for Supply Chain Scheduling with Capacity Disruption and Recovery Considerations. <i>Profiles in Operations Research</i> , <b>2018</b> , 203-241	1	



87	Simulation Applications to Structural Dynamics in Service and Manufacturing Supply Chain Risk Management. <i>Profiles in Operations Research</i> , <b>2018</b> , 243-274	1	0
86	Entropy-Based Supply Chain Structural Complexity Analysis. <i>Profiles in Operations Research</i> , <b>2018</b> , 275-292		
85	CONTROL THEORY APPLICATIONS TO OPERATIONS SYSTEMS, SUPPLY CHAIN MANAGEMENT AND INDUSTRY 4.0 NETWORKS. <i>IFAC-PapersOnLine</i> , <b>2018</b> , 51, 1536-1541	0.7	13
84	CONTINGENCY PRODUCTION-INVENTORY CONTROL POLICY FOR CAPACITY DISRUPTIONS IN THE RETAIL SUPPLY CHAIN WITH PERISHABLE PRODUCTS. <i>IFAC-PapersOnLine</i> , <b>2018</b> , 51, 1448-1452	0.7	7
83	A survey on control theory applications to operational systems, supply chain management, and Industry 4.0. <i>Annual Reviews in Control</i> , <b>2018</b> , 46, 134-147	10.3	97
82	Minimization of disruption-related return flows in the supply chain. <i>International Journal of Production Economics</i> , <b>2017</b> , 183, 503-513	9.3	55
81	Simulation-based ripple effect modelling in the supply chain. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 2083-2101	7.8	146
80	Literature review on disruption recovery in the supply chain*. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 6158-6174	7.8	296
79	Competitive energy consumption under transmission constraints in a multi-supplier power grid system. <i>International Journal of Systems Science</i> , <b>2017</b> , 48, 994-1001	2.3	11
78	Optimal control representation of the mathematical programming model for supply chain dynamic reconfiguration. <i>IFAC-PapersOnLine</i> , <b>2017</b> , 50, 4994-4999	0.7	4
77	Natural Disasters and Supply Chain Disruption Management <b>2017</b> , 245-271		2
76	A Dynamic Approach to Multi-stage Job Shop Scheduling in an Industry 4.0-Based Flexible Assembly System. <i>IFIP Advances in Information and Communication Technology</i> , <b>2017</b> , 475-482	0.5	8
75	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> , <b>2017</b> , 11, 24	3.8	51
74	Routing and Scheduling. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 389-434	0.3	
73	Examples from Different Industries, Services and Continents. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 15-36	0.3	1
72	Processes, Systems, and Models. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 37-67	0.3	1
71	Operations and Supply Chain Strategy. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 69-96	0.3	2
70	Sourcing Strategy. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 97-119	0.3	

69	Basics of Supply Chain and Operations Management. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 1-140.	0.3	0
68	Production Strategy. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 121-140	0.3	1
67	Facility Location Planning and Network Design. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 141-187	0.3	0
66	Distribution and Transportation Network Design. <i>Springer Texts in Business and Economics</i> , <b>2017</b> , 189-232.	0.3	0
65	Global Supply Chain and Operations Management. <i>Springer Texts in Business and Economics</i> , <b>2017</b> ,	0.3	39
64	Capacity planning on key work stations in a hybrid MTO-ETO production system: a case-study on Siemens AG. <i>International Journal of Inventory Research</i> , <b>2017</b> , 4, 214	0.4	3
63	Closed-loop supply chain simulation with disruption considerations: a case-study on Tesla. <i>International Journal of Inventory Research</i> , <b>2017</b> , 4, 257	0.4	20
62	Control Theory Application to Complex Technical Objects Scheduling Problem Solving. <i>Advances in Intelligent Systems and Computing</i> , <b>2017</b> , 172-179	0.4	0
61	Structural quantification of the ripple effect in the supply chain. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 152-169	7.8	100
60	Schedule coordination in cyber-physical supply networks Industry 4.0. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 839-844	7.8	32
59	Exact and heuristic methods for integrated supply chain design reliability analysis. <i>International Journal of Integrated Supply Management</i> , <b>2016</b> , 10, 206	3.8	9
58	Flexible flow shop scheduling for continuous production. <i>International Journal of Service and Computing Oriented Manufacturing</i> , <b>2016</b> , 2, 189	0	1
57	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> , <b>2016</b> , 54, 386-402	7.8	338
56	Schedule robustness analysis with the help of attainable sets in continuous flow problem under capacity disruptions. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 3397-3413	7.8	26
55	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> , <b>2016</b> , 90, 7-24	9	101
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