Alexandre Dolgui

List of Publications by Year
in descending order

416 papers	18,091 citations	20817 60 h-index	19190 118 g-index
437 all docs	437 docs citations	437 times ranked	6924 citing authors

#	Article	IF	Citations
1	In-house versus outsourcing collection in a closed-loop supply chain with remanufacturing technology development. International Journal of Production Research, 2023, 61, 1720-1735.	7.5	12
2	Integrated detection of disruption scenarios, the ripple effect dispersal and recovery paths in supply chains. Annals of Operations Research, 2022, 319, 609-631.	4.1	63
3	Impacts of epidemic outbreaks on supply chains: mapping a research agenda amid the COVID-19 pandemic through a structured literature review. Annals of Operations Research, 2022, 319, 1159-1196.	4.1	497
4	State of the art, conceptual framework and simulation analysis of the ripple effect on supply chains. International Journal of Production Research, 2022, 60, 2044-2066.	7.5	49
5	Stress testing supply chains and creating viable ecosystems. Operations Management Research, 2022, 15, 475-486.	8.5	70
6	Solving robust bin-packing problems with a branch-and-price approach. European Journal of Operational Research, 2022, 297, 831-843.	5.7	10
7	Integrated stochastic disassembly line balancing and planning problem with machine specificity. International Journal of Production Research, 2022, 60, 1688-1708.	7.5	15
8	Financing with preferential credit to coordinate the capital-constraint supply chain. International Journal of Production Research, 2022, 60, 6391-6412.	7.5	8
9	Expected trends in production networks for mass personalization in the cloud technology era. , 2022, , 13-37.		4
10	OR and analytics for digital, resilient, and sustainable manufacturing 4.0. Annals of Operations Research, 2022, 310, 1-6.	4.1	31
11	Editorial board contributions celebrating the 60th anniversary of IJPR: parts 1 and 2. International Journal of Production Research, 2022, 60, 1-7.	7.5	2
12	On lower and upper bounds for single machine parallel batch scheduling. Optimization Letters, 2022, 16, 2557-2567.	1.6	2
13	Stochastic program for disassembly lot-sizing under uncertain component refurbishing lead times. European Journal of Operational Research, 2022, 303, 1183-1198.	5.7	11
14	Applying integrated Blockchain and Big Data technologies to improve supply chain traceability and information sharing in the textile sector. Journal of Industrial Information Integration, 2022, 28, 100345.	6.4	27
15	Cloud supply chain: Integrating Industry 4.0 and digital platforms in the â€œSupply Chain-as-a-Serviceâ€. Transportation Research, Part E: Logistics and Transportation Review, 2022, 160, 102676.	7.4	109
16	Workforce planning and production scheduling in a reconfigurable manufacturing system facing the COVID-19 pandemic. Journal of Manufacturing Systems, 2022, 63, 563-574.	13.9	15
17	Stability factor for robust balancing of simple assembly lines under uncertainty. Discrete Applied Mathematics, 2022, 318, 113-132.	0.9	4
18	Model-dependent task assignment in multi-manned mixed-model assembly lines with walking workers. Omega, 2022, 113, 102688.	5.9	4

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19	An optimization approach for multi-echelon supply chain viability with disruption risk minimization. Omega, 2022, 112, 102683.	5.9	19
20	Optimal trade credit coordination policy in dual-channel supply chain with consumer transfer. International Journal of Production Research, 2022, 60, 4641-4653.	7.5	14
21	Reconfigurable manufacturing systems from an optimisation perspective: a focused review of literature. International Journal of Production Research, 2021, 59, 6400-6418.	7.5	81
22	Workforce reconfiguration strategies in manufacturing systems: a state of the art. International Journal of Production Research, 2021, 59, 6721-6744.	7.5	50
23	CF-NN: a novel decision support model for borrower identification on the peer-to-peer lending platform. International Journal of Production Research, 2021, 59, 6963-6974.	7.5	9
24	Pricing strategy for B&M store in a dual-channel supply chain based on hotelling model. International Journal of Production Research, 2021, 59, 5578-5591.	7.5	20
25	A control approach to scheduling flexibly configurable jobs with dynamic structural-logical constraints. IISE Transactions, 2021, 53, 21-38.	2.4	52
26	A digital supply chain twin for managing the disruption risks and resilience in the era of Industry 4.0. Production Planning and Control, 2021, 32, 775-788.	8.8	545
27	Financing the newsvendor with preferential credit: bank vs. manufacturer. International Journal of Production Research, 2021, 59, 4228-4247.	7.5	34
28	Service-oriented bi-objective robust collection-disassembly problem with equipment selection. International Journal of Production Research, 2021, 59, 1676-1690.	7.5	6
29	OR-methods for coping with the ripple effect in supply chains during COVID-19 pandemic: Managerial insights and research implications. International Journal of Production Economics, 2021, 232, 107921.	8.9	293
30	Robust balancing of transfer lines with blocks of uncertain parallel tasks under fixed cycle time and space restrictions. European Journal of Operational Research, 2021, 290, 946-955.	5.7	7
31	A two-phase sequential approach to design bioenergy supply chains under uncertainty and social concerns. Computers and Chemical Engineering, 2021, 145, 107131.	3.8	21
32	Researchers' perspectives on Industry 4.0: multi-disciplinary analysis and opportunities for operations management. International Journal of Production Research, 2021, 59, 2055-2078.	7.5	248
33	Digital Twin Framework for Reconfigurable Manufacturing Systems: Challenges and Requirements. IFIP Advances in Information and Communication Technology, 2021, , 553-562.	0.7	5
34	Ripple effect and supply chain disruption management: new trends and research directions. International Journal of Production Research, 2021, 59, 102-109.	7.5	163
35	Multi-period Multi-sourcing Supply Planning with Stochastic Lead-Times, Quantity-Dependent Pricing, andÂDelivery Flexibility Costs. IFIP Advances in Information and Communication Technology, 2021, , 511-518.	0.7	1
36	Designing Bioenergy Supply Chains Under Social Constraints. IFIP Advances in Information and Communication Technology, 2021, , 387-396.	0.7	0

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37	The supply chain effects on order strategy of cross-shareholdings. International Journal of Production Research, 2021, 59, 6848-6863.	7.5	10
38	Cross-dock distribution and operation planning for overseas delivery consolidation: A case study in the automotive industry. CIRP Journal of Manufacturing Science and Technology, 2021, 33, 71-81.	4.5	9
39	Profitability of a multi-model manufacturing line versus multiple dedicated lines. International Journal of Production Economics, 2021, 236, 108113.	8.9	7
40	Implementing Industry 4.0 principles. Computers and Industrial Engineering, 2021, 158, 107379.	6.3	69
41	Machine learning in manufacturing and industry 4.0 applications. International Journal of Production Research, 2021, 59, 4773-4778.	7.5	167
42	Genetic algorithm and Monte Carlo simulation for a stochastic capacitated disassembly lot-sizing problem under random lead times. Computers and Industrial Engineering, 2021, 159, 107468.	6.3	20
43	Dynamic innovation and pricing decisions in a supply-Chain. Omega, 2021, 103, 102423.	5.9	29
44	Design of reconfigurable machining lines: A novel comprehensive optimisation method. CIRP Annals - Manufacturing Technology, 2021, 70, 393-398.	3.6	6
45	A Model for a Multi-level Disassembly System Under Random Disassembly Lead Times. IFIP Advances in Information and Communication Technology, 2021, , 39-47.	0.7	0
46	A Digital Twin-Driven Methodology for Material Resource Planning Under Uncertainties. IFIP Advances in Information and Communication Technology, 2021, , 321-329.	0.7	7
47	Mathematical Model for Processing Multiple Parts on Multi-positional Reconfigurable Machines with Turrets. IFIP Advances in Information and Communication Technology, 2021, , 563-573.	0.7	2
48	A Robust Data Driven Approach to Supply Planning. IFIP Advances in Information and Communication Technology, 2021, , 169-178.	0.7	1
49	Integrated Workforce Allocation and Scheduling in a Reconfigurable Manufacturing System Considering Cloud Manufacturing. IFIP Advances in Information and Communication Technology, 2021, , 535-543.	0.7	1
50	ASSISTANT: Learning and Robust Decision Support System for Agile Manufacturing Environments. IFAC-PapersOnLine, 2021, 54, 641-646.	0.9	9
51	Advancing Circular Economy: Research Roadmap for Circular Integrated Production Systems. IFIP Advances in Information and Communication Technology, 2021, , 789-796.	0.7	0
52	Integrated production planning and quality control for linear production systems under uncertainties of cycle time and finished product quality. International Journal of Production Research, 2020, 58, 1144-1160.	7.5	17
53	Blockchain-oriented dynamic modelling of smart contract design and execution in the supply chain. International Journal of Production Research, 2020, 58, 2184-2199.	7.5	315
54	Optimisation of the aggregation and execution rates for intersecting operation sets: an example of machining process design. International Journal of Production Research, 2020, 58, 2658-2676.	7.5	16

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55	Does the ripple effect influence the bullwhip effect? An integrated analysis of structural and operational dynamics in the supply chain. International Journal of Production Research, 2020, 58, 1285-1301.	7.5	211
56	Three parallel task assignment problems with shared resources. IISE Transactions, 2020, 52, 478-485.	2.4	1
57	Ripple effect quantification by supplier risk exposure assessment. International Journal of Production Research, 2020, 58, 5559-5578.	7.5	108
58	A rolling horizon simulation approach for managing demand with lead time variability. International Journal of Production Research, 2020, 58, 3800-3820.	7.5	9
59	Ripple effect modelling of supplier disruption: integrated Markov chain and dynamic Bayesian network approach. International Journal of Production Research, 2020, 58, 3284-3303.	7.5	124
60	Option contracts for online celebrities as retailers in supply chains. International Journal of Production Research, 2020, 58, 4215-4232.	7.5	16
61	A General Outline of a Sustainable Supply Chain 4.0. Sustainability, 2020, 12, 7978.	3.2	30
62	A hybrid genetic algorithm for a multilevel assembly replenishment planning problem with stochastic lead times. Computers and Industrial Engineering, 2020, 149, 106794.	6.3	10
63	Exploring supply chain structural dynamics: New disruptive technologies and disruption risks. International Journal of Production Economics, 2020, 229, 107886.	8.9	74
64	Raptor Feeding Characterization and Dynamic System Simulation Applied to Airport Falconry. Sustainability, 2020, 12, 8920.	3.2	0
65	Structural-Parametric Optimization of a Complex of Intersecting Sets of Operations under Nonstationary Demand. Automation and Remote Control, 2020, 81, 791-802.	0.8	0
66	New mixed integer approach to solve a multi-level capacitated disassembly lot-sizing problem with defective items and backlogging. Journal of Manufacturing Systems, 2020, 56, 50-57.	13.9	23
67	Reconfigurable supply chain: the X-network. International Journal of Production Research, 2020, 58, 4138-4163.	7.5	261
68	Supplier Replacement Model in a One-Level Assembly System under Lead-Time Uncertainty. Applied Sciences (Switzerland), 2020, 10, 3366.	2.5	1
69	Optimal cost design of flow lines with reconfigurable machines for batch production. International Journal of Production Research, 2020, 58, 2937-2952.	7.5	35
70	Manufacturing modelling, management and control: IFAC TC 5.2 past, present and future. Annual Reviews in Control, 2020, 49, 258-263.	7.9	4
71	Blockchain in transport and logistics â€" paradigms and transitions. International Journal of Production Research, 2020, 58, 2054-2062.	7.5	146
72	Viability of intertwined supply networks: extending the supply chain resilience angles towards survivability. A position paper motivated by COVID-19 outbreak. International Journal of Production Research, 2020, 58, 2904-2915.	7.5	985

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73	Introduction to Scheduling in Industry 4.0 and Cloud Manufacturing Systems. Profiles in Operations Research, 2020, , 1-9.	0.4	8
74	Proactive Scheduling and Reactive Real-Time Control in Industry 4.0. Profiles in Operations Research, 2020, , 11-37.	0.4	9
75	A Stochastic Model for a Two-Level Disassembly Lot-Sizing Problem Under Random Lead Time. IFIP Advances in Information and Communication Technology, 2020, , 275-283.	0.7	2
76	A Digital Twin Modular Framework for Reconfigurable Manufacturing Systems. IFIP Advances in Information and Communication Technology, 2020, , 493-500.	0.7	8
77	Operations management issues in design and control of hybrid human-robot collaborative manufacturing systems: a survey. Annual Reviews in Control, 2020, 49, 264-276.	7.9	73
78	A Newsboy formulae to optimize planned lead times for two-level disassembly systems. IFAC-PapersOnLine, 2020, 53, 10816-10821.	0.9	4
79	Approches d'optimisation pour un problème de planification de désassemblage sous incertitude des délais de désassemblage. Génie Industriel Et Productique, 2020, 3, .	0.4	1
80	Diagnosis on Energy and Sustainability of Reconfigurable Manufacturing System (RMS) Design: A Bi-level Decomposition Approach. , 2020, , .		4
81	Minimizing task reassignments in the design of reconfigurable manufacturing lines with space restrictions. IFAC-PapersOnLine, 2020, 53, 10437-10442.	0.9	0
82	The Impact of Dynamic Tasks Assignment in Paced Mixed-Model Assembly Line with Moving Workers. IFIP Advances in Information and Communication Technology, 2020, , 509-517.	0.7	0
83	Minimizing the number of workers in a paced mixed-model assembly line. European Journal of Operational Research, 2019, 272, 188-194.	5.7	19
84	The impact of digital technology and Industry 4.0 on the ripple effect and supply chain risk analytics. International Journal of Production Research, 2019, 57, 829-846.	7.5	965
85	Simulation to reallocate supply to committed orders under shortage. International Journal of Production Research, 2019, 57, 1552-1570.	7.5	8
86	Selected surveys on cutting edge problems in Production Research. International Journal of Production Research, 2019, 57, 4621-4626.	7.5	5
87	Optimization of multi-period supply planning under stochastic lead times and a dynamic demand. International Journal of Production Economics, 2019, 218, 106-117.	8.9	20
88	Ripple Effect in the Supply Chain: Definitions, Frameworks and Future Research Perspectives. Profiles in Operations Research, 2019, , 1-33.	0.4	18
89	Digital Supply Chain Twins: Managing the Ripple Effect, Resilience, and Disruption Risks by Data-Driven Optimization, Simulation, and Visibility. Profiles in Operations Research, 2019, , 309-332.	0.4	81
90	Review of quantitative methods for supply chain resilience analysis. Transportation Research, Part E: Logistics and Transportation Review, 2019, 125, 285-307.	7.4	654

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91	New disruption risk management perspectives in supply chains: digital twins, the ripple effect, and resileanness. IFAC-PapersOnLine, 2019, 52, 337-342.	0.9	62
92	Intellectualization of control: cyber-physical supply chain risk analytics. IFAC-PapersOnLine, 2019, 52, 355-360.	0.9	6
93	Disassembly scheduling problem: literature review and future research directions. IFAC-PapersOnLine, 2019, 52, 601-606.	0.9	16
94	Mathematical model for dynamic suppliers' selection strategy in multi-period supply planning with lead-times uncertainty. IFAC-PapersOnLine, 2019, 52, 1040-1044.	0.9	3
95	A literature review of optimization problems for reconfigurable manufacturing systems. IFAC-PapersOnLine, 2019, 52, 433-438.	0.9	20
96	Scenario-based stochastic linear programming model for multi-period disassembly lot-sizing problems under random lead time. IFAC-PapersOnLine, 2019, 52, 595-600.	0.9	15
97	Workforce planning and assignment in mixed-model assembly lines as a factor of line reconfigurability: state of the art. IFAC-PapersOnLine, 2019, 52, 2746-2751.	0.9	11
98	Can a Branch and Bound algorithm solve all instances of SALBP-1 efficiently?. IFAC-PapersOnLine, 2019, 52, 2788-2791.	0.9	2
99	A Review on Robust Assembly Line Balancing Approaches. IFAC-PapersOnLine, 2019, 52, 987-991.	0.9	14
100	Sample average approximation for multi-vehicle collection–disassembly problem under uncertainty. International Journal of Production Research, 2019, 57, 2409-2428.	7.5	27
101	Low-Certainty-Need (LCN) supply chains: a new perspective in managing disruption risks and resilience. International Journal of Production Research, 2019, 57, 5119-5136.	7.5	220
102	User activity measurement in rating-based online-to-offline (O2O) service recommendation. Information Sciences, 2019, 479, 180-196.	6.9	37
103	The stability radius of an optimal line balance with maximum efficiency for a simple assembly line. European Journal of Operational Research, 2019, 274, 466-481.	5.7	22
104	Optimal maintenance plan for two-level assembly system and risk study of machine failure. International Journal of Production Research, 2019, 57, 2446-2463.	7.5	12
105	Scheduling in production, supply chain and Industry 4.0 systems by optimal control: fundamentals, state-of-the-art and applications. International Journal of Production Research, 2019, 57, 411-432.	7.5	206
106	Decision Support System for Joint Product Design and Reconfiguration of Production Systems. IFIP Advances in Information and Communication Technology, 2019, , 231-238.	0.7	2
107	Evaluation of solution approaches for a stochastic lot-sizing and sequencing problem. International Journal of Production Economics, 2018, 199, 179-192.	8.9	5
108	Simple paths with exact and forbidden lengths. Naval Research Logistics, 2018, 65, 78-85.	2.2	1

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109	General parametric scheme for the online uniform machine scheduling problem with two different speeds. Information Processing Letters, 2018, 134, 18-23.	0.6	3
110	Recent advances and opportunities in sustainable food supply chain: a model-oriented review. International Journal of Production Research, 2018, 56, 5700-5722.	7.5	155
111	Profit-oriented partial disassembly line design: dealing with hazardous parts and task processing times uncertainty. International Journal of Production Research, 2018, 56, 7220-7242.	7.5	69
112	Dynamic optimisation for highly agile supply chains in e-procurement context. International Journal of Production Research, 2018, 56, 5904-5929.	7.5	13
113	Leading scholars in Production Research for the 55th volume anniversary of IJPR. International Journal of Production Research, 2018, 56, 1-9.	7.5	114
114	Optimal order release dates for two-level assembly systems with stochastic lead times at each level. International Journal of Production Research, 2018, 56, 4226-4242.	7.5	20
115	Hybrid fuzzy-probabilistic approach to supply chain resilience assessment. IEEE Transactions on Engineering Management, 2018, 65, 303-315.	3.5	100
116	Optimal workforce assignment to operations of a paced assembly line. European Journal of Operational Research, 2018, 264, 200-211.	5.7	39
117	Ripple effect in the supply chain: an analysis and recent literature. International Journal of Production Research, 2018, 56, 414-430.	7.5	495
118	Planned lead times optimization for multi-level assembly systems under uncertainties. Omega, 2018, 78, 39-56.	5.9	18
119	Scheduling of recovery actions in the supply chain with resilience analysis considerations. International Journal of Production Research, 2018, 56, 6473-6490.	7.5	86
120	Optimising integrated inventory policy for perishable items in a multi-stage supply chain. International Journal of Production Research, 2018, 56, 902-925.	7.5	58
121	Optimal due date quoting for a risk-averse decision-maker under CVaR. International Journal of Production Research, 2018, 56, 1934-1959.	7.5	9
122	Design for manufacturing and assembly/disassembly: joint design of products and production systems. International Journal of Production Research, 2018, 56, 7181-7189.	7.5	48
123	CONTROL THEORY APPLICATIONS TO OPERATIONS SYSTEMS, SUPPLY CHAIN MANAGEMENT AND INDUSTRY 4.0 NETWORKS. IFAC-PapersOnLine, 2018, 51, 1536-1541.	0.9	21
124	Data Mining-Based Prediction of Manufacturing Situations. IFAC-PapersOnLine, 2018, 51, 316-321.	0.9	13
125	A survey on control theory applications to operational systems, supply chain management, and Industry 4.0. Annual Reviews in Control, 2018, 46, 134-147.	7.9	151
126	Comparative Analysis of Heuristic Algorithms Used for Solving a Production and Maintenance Planning Problem (PMPP). Applied Sciences (Switzerland), 2018, 8, 1088.	2.5	5

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127	Complexity of Bi-objective Buffer Allocation Problem in Systems with Simple Structure. Communications in Computer and Information Science, 2018, , 278-287.	0.5	2
128	Optimal Control Algorithms and Their Analysis for Short-Term Scheduling in Manufacturing Systems. Algorithms, 2018, 11, 57.	2.1	20
129	Optimization of Two-Level Disassembly/Remanufacturing/Assembly System with an Integrated Maintenance Strategy. Applied Sciences (Switzerland), 2018, 8, 666.	2.5	21
130	Simulation Vs. Optimization Approaches to Ripple Effect Modelling in the Supply Chain. Lecture Notes in Logistics, 2018, , 34-39.	0.8	5
131	Knapsack problem with objective value gaps. Optimization Letters, 2017, 11, 31-39.	1.6	1
132	55th anniversary of Production Research. International Journal of Production Research, 2017, 55, 1-2.	7.5	120
133	Using common weights and efficiency invariance principles for resource allocation and target setting. International Journal of Production Research, 2017, 55, 4982-4997.	7.5	39
134	Supply chain coordination through integration of innovation effort and advertising support. Applied Mathematical Modelling, 2017, 49, 108-123.	4.2	56
135	Literature review on disruption recovery in the supply chain. International Journal of Production Research, 2017, 55, 6158-6174.	7.5	444
136	A multi-period inventory transportation model for tactical planning of food grain supply chain. Computers and Industrial Engineering, 2017, 110, 379-394.	6.3	74
137	Some new ideas for assembly line balancing research. IFAC-PapersOnLine, 2017, 50, 2255-2259.	0.9	11
138	Optimal control representation of the mathematical programming model for supply chain dynamic reconfiguration. IFAC-PapersOnLine, 2017, 50, 4994-4999.	0.9	8
139	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
140	Scheduling of truck arrivals, truck departures and shop-floor operation in a cross-dock platform, based on trucks loading plans. International Journal of Production Economics, 2017, 194, 102-112.	8.9	45
141	Analysis of a multicriterial buffer capacity optimization problem for a production line. Automation and Remote Control, 2017, 78, 1276-1289.	0.8	17
142	An efficient two-phase iterative heuristic for Collection-Disassembly problem. Computers and Industrial Engineering, 2017, 110, 505-514.	6.3	28
143	Minimizing the number of stations and station activation costs for a production line. Computers and Operations Research, 2017, 79, 131-139.	4.0	9
144	Integrated process planning and system configuration for mixed-model machining on rotary transfer machine. International Journal of Computer Integrated Manufacturing, 2017, 30, 910-925.	4.6	16

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145	Decision support for design of reconfigurable rotary machining systems for family part production. International Journal of Production Research, 2017, 55, 1368-1385.	7.5	53
146	Collection-disassembly problem in reverse supply chain. International Journal of Production Economics, 2017, 183, 334-344.	8.9	48
147	Identification and simulation models in logistics control systems for production processes and freighting. IFAC-PapersOnLine, 2017, 50, 14638-14643.	0.9	4
148	Random lead times in replenishment planning for single-level assembly systems: The value of information. IFAC-PapersOnLine, 2017, 50, 1205-1210.	0.9	0
149	A new effective dynamic program for an investment optimization problem. Automation and Remote Control, 2016, 77, 1633-1648.	0.8	2
150	Optimal supply planning for two-levels assembly system with stochastic lead-times and maintenance actions. , 2016, , .		2
151	Low carbon economy and equitable society: production, supply chain, and operations management perspectives. Journal of Cleaner Production, 2016, 117, 7-9.	9.3	8
152	Dynamic recovery policies for time-critical supply chains under conditions of ripple effect. International Journal of Production Research, 2016, 54, 7245-7258.	7.5	73
153	Maximizing the robustness for simple assembly lines with fixed cycle time and limited number of workstations. Discrete Applied Mathematics, 2016, 208, 123-136.	0.9	20
154	Optimization of the Structure and Execution Modes of Intersecting Operation Sets. IFAC-PapersOnLine, 2016, 49, 105-110.	0.9	4
155	Cross-docking Operation Scheduling: Truck Arrivals, Shop-Floor Activities and Truck Departures. IFAC-PapersOnLine, 2016, 49, 1353-1358.	0.9	5
156	Design of a Multi-agent System to Manage Relay Intercity Freighting. IFAC-PapersOnLine, 2016, 49, 1656-1661.	0.9	2
157	A solution approach based on beam search algorithm for disassembly line balancing problem. Journal of Manufacturing Systems, 2016, 41, 188-200.	13.9	65
158	Heuristics for Batch Machining at Reconfigurable Rotary Transfer Machines. IFAC-PapersOnLine, 2016, 49, 491-496.	0.9	2
159	Disruptions in supply chains and recovery policies: state-of-the art review. IFAC-PapersOnLine, 2016, 49, 1436-1441.	0.9	32
160	A multi-objective approach for design of reconfigurable transfer lines. IFAC-PapersOnLine, 2016, 49, 509-514.	0.9	19
161	Stability radii of optimal assembly line balances with a fixed workstation set. International Journal of Production Economics, 2016, 182, 356-371.	8.9	24
162	A dynamic model and an algorithm for short-term supply chain scheduling in the smart factory industry 4.0. International Journal of Production Research, 2016, 54, 386-402.	7.5	417

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163	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
164	Disruption-driven supply chain (re)-planning and performance impact assessment with consideration of pro-active and recovery policies. Transportation Research, Part E: Logistics and Transportation Review, 2016, 90, 7-24.	7.4	123
165	Robust dynamic schedule coordination control in the supply chain. Computers and Industrial Engineering, 2016, 94, 18-31.	6.3	35
166	Cost optimization for series–parallel execution of a collection of intersecting operation sets. Engineering Optimization, 2016, 48, 756-771.	2.6	2
167	Component replenishment planning for a single-level assembly system under random lead times: A chance constrained programming approach. International Journal of Production Economics, 2016, 181, 79-86.	8.9	17
168	Towards green automated production line with rotary transfer and turrets: a multi-objective approach using a binary scatter tabu search procedure. International Journal of Computer Integrated Manufacturing, 2016, 29, 768-785.	4.6	13
169	Single-period inventory model for one-level assembly system with stochastic lead times and demand. International Journal of Production Research, 2016, 54, 186-203.	7.5	24
170	Ergonomics in assembly line balancing based on energy expenditure: a multi-objective model. International Journal of Production Research, 2016, 54, 824-845.	7.5	112
171	Structural quantification of the ripple effect in the supply chain. International Journal of Production Research, 2016, 54, 152-169.	7.5	114
172	A review on the buyer–supplier dyad relationships in sustainable procurement context: past, present and future. International Journal of Production Research, 2016, 54, 1443-1462.	7.5	73
173	Lateral inventory transshipment problem in online-to-offline supply chain. International Journal of Production Research, 2016, 54, 1951-1963.	7.5	76
174	Prise en compte de l'état des produits pour la planification de leur désassemblage. Journal Europeen Des Systemes Automatises, 2016, 49, 579-605.	0.4	3
175	Workforce planning for cyclic production of multiple parts. , 2016, , .		0
176	Workforce planning for cyclic production of multiple parts. , 2016, , .		0
177	Approvisionnement d'une chaîne logistique agile. Une approche d'optimisation dynamique. Journal Europeen Des Systemes Automatises, 2016, 49, 749-768.	0.4	0
178	Supply planning for multi-levels assembly system under random lead times. IFAC-PapersOnLine, 2015, 48, 254-259.	0.9	1
179	Ripple Effect in the Time-Critical Food Supply Chains and Recovery Policies. IFAC-PapersOnLine, 2015, 48, 1682-1687.	0.9	9
180	Optimizing Series-Parallel Execution of Intersecting Blocks of Operations. IFAC-PapersOnLine, 2015, 48, 1785-1789.	0.9	0

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181	Minimizing the number of workers for one cycle of a paced production line. IFAC-PapersOnLine, 2015, 48, 2281-2286.	0.9	1
182	Flow line balancing problem: A survey. , 2015, , .		6
183	A supply chain dynamics model for managing perishable products under different e-business scenarios. , 2015, , .		2
184	Coordination of Collection and Disassembly Planning for End-of-Life ProductÃ•. IFAC-PapersOnLine, 2015, 48, 76-80.	0.9	1
185	Re-balancing problem for assembly lines: new mathematical model and exact solution method. Assembly Automation, 2015, 35, 16-21.	1.7	31
186	A memetic algorithm for a stochastic lot-sizing and sequencing problem. IFAC-PapersOnLine, 2015, 48, 1809-1814.	0.9	0
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