

Alexandre Dolgui

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.

392
papers

11,842
citations

51
h-index

96
g-index

437
ext. papers

14,691
ext. citations

4.7
avg, IF

7.88
L-index

#	Paper	IF	Citations
392	Expected trends in production networks for mass personalization in the cloud technology era 2022 , 13-37		3
391	OR and analytics for digital, resilient, and sustainable manufacturing 4.0. <i>Annals of Operations Research</i> , 2022 , 310, 1	3.2	5
390	Stochastic program for disassembly lot-sizing under uncertain component refurbishing lead times. <i>European Journal of Operational Research</i> , 2022 ,	5.6	2
389	Applying integrated Blockchain and Big Data technologies to improve supply chain traceability and information sharing in the textile sector. <i>Journal of Industrial Information Integration</i> , 2022 , 28, 100345	7	3
388	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	9	20
387	Model-dependent task assignment in multi-manned mixed-model assembly lines with walking workers. <i>Omega</i> , 2022 , 102688	7.2	0
386	An optimization approach for multi-echelon supply chain viability with disruption risk minimization. <i>Omega</i> , 2022 , 112, 102683	7.2	5
385	ASSISTANT: Learning and Robust Decision Support System for Agile Manufacturing Environments. <i>IFAC-PapersOnLine</i> , 2021 , 54, 641-646	0.7	1
384	Advancing Circular Economy: Research Roadmap for Circular Integrated Production Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 789-796	0.5	
383	Cross-dock distribution and operation planning for overseas delivery consolidation: A case study in the automotive industry. <i>CIRP Journal of Manufacturing Science and Technology</i> , 2021 , 33, 71-81	3.4	4
382	Profitability of a multi-model manufacturing line versus multiple dedicated lines. <i>International Journal of Production Economics</i> , 2021 , 236, 108113	9.3	0
381	Solving robust bin-packing problems with a branch-and-price approach. <i>European Journal of Operational Research</i> , 2021 ,	5.6	1
380	A control approach to scheduling flexibly configurable jobs with dynamic structural-logical constraints. <i>IIE Transactions</i> , 2021 , 53, 21-38	3.3	33
379	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	4.3	238
378	Financing the newsvendor with preferential credit: bank vs. manufacturer. <i>International Journal of Production Research</i> , 2021 , 59, 4228-4247	7.8	15
377	Service-oriented bi-objective robust collection-disassembly problem with equipment selection. <i>International Journal of Production Research</i> , 2021 , 59, 1676-1690	7.8	3
376	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	9.3	130

375	Robust balancing of transfer lines with blocks of uncertain parallel tasks under fixed cycle time and space restrictions. <i>European Journal of Operational Research</i> , 2021 , 290, 946-955	5.6	2
374	A two-phase sequential approach to design bioenergy supply chains under uncertainty and social concerns. <i>Computers and Chemical Engineering</i> , 2021 , 145, 107131	4	7
373	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	7.8	123
372	Digital Twin Framework for Reconfigurable Manufacturing Systems: Challenges and Requirements. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 553-562	0.5	0
371	Ripple effect and supply chain disruption management: new trends and research directions. <i>International Journal of Production Research</i> , 2021 , 59, 102-109	7.8	61
370	Multi-period Multi-sourcing Supply Planning with Stochastic Lead-Times, Quantity-Dependent Pricing, and Delivery Flexibility Costs. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 511-518	0.5	
369	Designing Bioenergy Supply Chains Under Social Constraints. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 387-396	0.5	
368	Implementing Industry 4.0 principles. <i>Computers and Industrial Engineering</i> , 2021 , 158, 107379	6.4	18
367	Machine learning in manufacturing and industry 4.0 applications. <i>International Journal of Production Research</i> , 2021 , 59, 4773-4778	7.8	31
366	Genetic algorithm and Monte Carlo simulation for a stochastic capacitated disassembly lot-sizing problem under random lead times. <i>Computers and Industrial Engineering</i> , 2021 , 159, 107468	6.4	6
365	Dynamic innovation and pricing decisions in a supply-Chain. <i>Omega</i> , 2021 , 103, 102423	7.2	8
364	Design of reconfigurable machining lines: A novel comprehensive optimisation method. <i>CIRP Annals - Manufacturing Technology</i> , 2021 , 70, 393-398	4.9	0
363	A Model for a Multi-level Disassembly System Under Random Disassembly Lead Times. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 39-47	0.5	
362	A Digital Twin-Driven Methodology for Material Resource Planning Under Uncertainties. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 321-329	0.5	3
361	Optimization for Lot-Sizing Problems Under Uncertainty: A Data-Driven Perspective. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 703-709	0.5	
360	Mathematical Model for Processing Multiple Parts on Multi-positional Reconfigurable Machines with Turrets. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 563-573	0.5	0
359	A Robust Data Driven Approach to Supply Planning. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 169-178	0.5	
358	Integrated Workforce Allocation and Scheduling in a Reconfigurable Manufacturing System Considering Cloud Manufacturing. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 535-543	0.5	

357	Raptor Feeding Characterization and Dynamic System Simulation Applied to Airport Falconry. <i>Sustainability</i> , 2020 , 12, 8920	3.6	
356	Structural-Parametric Optimization of a Complex of Intersecting Sets of Operations under Nonstationary Demand. <i>Automation and Remote Control</i> , 2020 , 81, 791-802	0.6	
355	New mixed integer approach to solve a multi-level capacitated disassembly lot-sizing problem with defective items and backloging. <i>Journal of Manufacturing Systems</i> , 2020 , 56, 50-57	9.1	10
354	Reconfigurable supply chain: the X-network. <i>International Journal of Production Research</i> , 2020 , 58, 4138-4163	7.8	146
353	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> , 2020 , 1-38	3.2	256
352	Supplier Replacement Model in a One-Level Assembly System under Lead-Time Uncertainty. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3366	2.6	1
351	Optimal cost design of flow lines with reconfigurable machines for batch production. <i>International Journal of Production Research</i> , 2020 , 58, 2937-2952	7.8	19
350	Manufacturing modelling, management and control: IFAC TC 5.2 past, present and future. <i>Annual Reviews in Control</i> , 2020 , 49, 258-263	10.3	2
349	Blockchain in transport and logistics paradigms and transitions. <i>International Journal of Production Research</i> , 2020 , 58, 2054-2062	7.8	77
348	Minimizing task reassignments in the design of reconfigurable manufacturing lines with space restrictions. <i>IFAC-PapersOnLine</i> , 2020 , 53, 10437-10442	0.7	
347	The Impact of Dynamic Tasks Assignment in Paced Mixed-Model Assembly Line with Moving Workers. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 509-517	0.5	
346	Introduction to Scheduling in Industry 4.0 and Cloud Manufacturing Systems. <i>Profiles in Operations Research</i> , 2020 , 1-9	1	5
345	Proactive Scheduling and Reactive Real-Time Control in Industry 4.0. <i>Profiles in Operations Research</i> , 2020 , 11-37	1	4
344	A Stochastic Model for a Two-Level Disassembly Lot-Sizing Problem Under Random Lead Time. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 275-283	0.5	1
343	A Digital Twin Modular Framework for Reconfigurable Manufacturing Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2020 , 493-500	0.5	2
342	Operations management issues in design and control of hybrid human-robot collaborative manufacturing systems: a survey. <i>Annual Reviews in Control</i> , 2020 , 49, 264-276	10.3	34
341	A Newsboy formulae to optimize planned lead times for two-level disassembly systems. <i>IFAC-PapersOnLine</i> , 2020 , 53, 10816-10821	0.7	2
340	A General Outline of a Sustainable Supply Chain 4.0. <i>Sustainability</i> , 2020 , 12, 7978	3.6	12

339	Reconfigurable manufacturing systems from an optimisation perspective: a focused review of literature. <i>International Journal of Production Research</i> , 2020 , 1-19	7.8	28
338	Workforce reconfiguration strategies in manufacturing systems: a state of the art. <i>International Journal of Production Research</i> , 2020 , 1-24	7.8	21
337	A hybrid genetic algorithm for a multilevel assembly replenishment planning problem with stochastic lead times. <i>Computers and Industrial Engineering</i> , 2020 , 149, 106794	6.4	4
336	CF-NN: a novel decision support model for borrower identification on the peer-to-peer lending platform. <i>International Journal of Production Research</i> , 2020 , 1-12	7.8	2
335	Pricing strategy for B&M store in a dual-channel supply chain based on hotelling model. <i>International Journal of Production Research</i> , 2020 , 1-14	7.8	3
334	Integrated production planning and quality control for linear production systems under uncertainties of cycle time and finished product quality. <i>International Journal of Production Research</i> , 2020 , 58, 1144-1160	7.8	13
333	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	7.8	187
332	Optimisation of the aggregation and execution rates for intersecting operation sets: an example of machining process design. <i>International Journal of Production Research</i> , 2020 , 58, 2658-2676	7.8	13
331	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 Information Control Problems in Manufacturing INCOM 2018, IFAC-PapersOnLine 51 (11): 1448-1452. View all notes. <i>International Journal of Production Research</i> , 2020 , 58, 1285-1301	7.8	140
330	Three parallel task assignment problems with shared resources. <i>IJSE Transactions</i> , 2020 , 52, 478-485	3.3	1
329	Ripple effect quantification by supplier risk exposure assessment. <i>International Journal of Production Research</i> , 2020 , 58, 5559-5578	7.8	63
328	A rolling horizon simulation approach for managing demand with lead time variability. <i>International Journal of Production Research</i> , 2020 , 58, 3800-3820	7.8	6
327	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	7.8	78
326	Option contracts for online celebrities as retailers in supply chains. <i>International Journal of Production Research</i> , 2020 , 58, 4215-4232	7.8	8
325	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	7.8	495
324	Optimization of multi-period supply planning under stochastic lead times and a dynamic demand. <i>International Journal of Production Economics</i> , 2019 , 218, 106-117	9.3	12
323	Ripple Effect in the Supply Chain: Definitions, Frameworks and Future Research Perspectives. <i>Profiles in Operations Research</i> , 2019 , 1-33	1	12
322	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	1	45

321	Review of quantitative methods for supply chain resilience analysis. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2019 , 125, 285-307	9	343
320	Minimizing the number of workers in a paced mixed-model assembly line. <i>European Journal of Operational Research</i> , 2019 , 272, 188-194	5.6	14
319	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	7.8	549
318	Simulation to reallocate supply to committed orders under shortage. <i>International Journal of Production Research</i> , 2019 , 57, 1552-1570	7.8	2
317	Integrated detection of disruption scenarios, the ripple effect dispersal and recovery paths in supply chains. <i>Annals of Operations Research</i> , 2019 , 1	3.2	40
316	Decision Support System for Joint Product Design and Reconfiguration of Production Systems. <i>IFIP Advances in Information and Communication Technology</i> , 2019 , 231-238	0.5	2
315	New disruption risk management perspectives in supply chains: digital twins, the ripple effect, and resilience. <i>IFAC-PapersOnLine</i> , 2019 , 52, 337-342	0.7	32
314	Intellectualization of control: cyber-physical supply chain risk analytics. <i>IFAC-PapersOnLine</i> , 2019 , 52, 355-360	0.7	4
313	Disassembly scheduling problem: literature review and future research directions. <i>IFAC-PapersOnLine</i> , 2019 , 52, 601-606	0.7	11
312	Mathematical model for dynamic suppliers selection strategy in multi-period supply planning with lead-times uncertainty. <i>IFAC-PapersOnLine</i> , 2019 , 52, 1040-1044	0.7	2
311	A literature review of optimization problems for reconfigurable manufacturing systems. <i>IFAC-PapersOnLine</i> , 2019 , 52, 433-438	0.7	12
310	Scenario-based stochastic linear programming model for multi-period disassembly lot-sizing problems under random lead time. <i>IFAC-PapersOnLine</i> , 2019 , 52, 595-600	0.7	7
309	Workforce planning and assignment in mixed-model assembly lines as a factor of line reconfigurability: state of the art. <i>IFAC-PapersOnLine</i> , 2019 , 52, 2746-2751	0.7	9
308	Can a Branch and Bound algorithm solve all instances of SALBP-1 efficiently?. <i>IFAC-PapersOnLine</i> , 2019 , 52, 2788-2791	0.7	0
307	A Review on Robust Assembly Line Balancing Approaches. <i>IFAC-PapersOnLine</i> , 2019 , 52, 987-991	0.7	10
306	Sample average approximation for multi-vehicle collection/disassembly problem under uncertainty. <i>International Journal of Production Research</i> , 2019 , 57, 2409-2428	7.8	14
305	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	7.8	156
304	User activity measurement in rating-based online-to-offline (O2O) service recommendation. <i>Information Sciences</i> , 2019 , 479, 180-196	7.7	23

303	The stability radius of an optimal line balance with maximum efficiency for a simple assembly line. <i>European Journal of Operational Research</i> , 2019 , 274, 466-481	5.6	16
302	Optimal maintenance plan for two-level assembly system and risk study of machine failure. <i>International Journal of Production Research</i> , 2019 , 57, 2446-2463	7.8	9
301	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	7.8	142
300	Evaluation of solution approaches for a stochastic lot-sizing and sequencing problem. <i>International Journal of Production Economics</i> , 2018 , 199, 179-192	9.3	4
299	Simple paths with exact and forbidden lengths. <i>Naval Research Logistics</i> , 2018 , 65, 78-85	1.5	1
298	General parametric scheme for the online uniform machine scheduling problem with two different speeds. <i>Information Processing Letters</i> , 2018 , 134, 18-23	0.8	2
297	Recent advances and opportunities in sustainable food supply chain: a model-oriented review. <i>International Journal of Production Research</i> , 2018 , 56, 5700-5722	7.8	94
296	Profit-oriented partial disassembly line design: dealing with hazardous parts and task processing times uncertainty. <i>International Journal of Production Research</i> , 2018 , 56, 7220-7242	7.8	44
295	Dynamic optimisation for highly agile supply chains in e-procurement context. <i>International Journal of Production Research</i> , 2018 , 56, 5904-5929	7.8	10
294	Optimal order release dates for two-level assembly systems with stochastic lead times at each level. <i>International Journal of Production Research</i> , 2018 , 56, 4226-4242	7.8	14
293	. <i>IEEE Transactions on Engineering Management</i> , 2018 , 65, 303-315	2.6	74
292	Optimal workforce assignment to operations of a paced assembly line. <i>European Journal of Operational Research</i> , 2018 , 264, 200-211	5.6	24
291	Ripple effect in the supply chain: an analysis and recent literature. <i>International Journal of Production Research</i> , 2018 , 56, 414-430	7.8	316
290	Optimal Control Algorithms and Their Analysis for Short-Term Scheduling in Manufacturing Systems. <i>Algorithms</i> , 2018 , 11, 57	1.8	17
289	Optimization of Two-Level Disassembly/Remanufacturing/Assembly System with an Integrated Maintenance Strategy. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 666	2.6	16
288	Simulation Vs. Optimization Approaches to Ripple Effect Modelling in the Supply Chain. <i>Lecture Notes in Logistics</i> , 2018 , 34-39	0.5	4
287	Planned lead times optimization for multi-level assembly systems under uncertainties. <i>Omega</i> , 2018 , 78, 39-56	7.2	14
286	Scheduling of recovery actions in the supply chain with resilience analysis considerations. <i>International Journal of Production Research</i> , 2018 , 56, 6473-6490	7.8	64

285	Optimising integrated inventory policy for perishable items in a multi-stage supply chain. <i>International Journal of Production Research</i> , 2018 , 56, 902-925	7.8	41
284	Optimal due date quoting for a risk-averse decision-maker under CVaR. <i>International Journal of Production Research</i> , 2018 , 56, 1934-1959	7.8	7
283	Design for manufacturing and assembly/disassembly: joint design of products and production systems. <i>International Journal of Production Research</i> , 2018 , 56, 7181-7189	7.8	32
282	CONTROL THEORY APPLICATIONS TO OPERATIONS SYSTEMS, SUPPLY CHAIN MANAGEMENT AND INDUSTRY 4.0 NETWORKS. <i>IFAC-PapersOnLine</i> , 2018 , 51, 1536-1541	0.7	13
281	Data Mining-Based Prediction of Manufacturing Situations. <i>IFAC-PapersOnLine</i> , 2018 , 51, 316-321	0.7	9
280	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	10.3	97
279	Comparative Analysis of Heuristic Algorithms Used for Solving a Production and Maintenance Planning Problem (PMPP). <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1088	2.6	4
278	Complexity of Bi-objective Buffer Allocation Problem in Systems with Simple Structure. <i>Communications in Computer and Information Science</i> , 2018 , 278-287	0.3	0
277	Knapsack problem with objective value gaps. <i>Optimization Letters</i> , 2017 , 11, 31-39	1.1	1
276	Using common weights and efficiency invariance principles for resource allocation and target setting. <i>International Journal of Production Research</i> , 2017 , 55, 4982-4997	7.8	29
275	Supply chain coordination through integration of innovation effort and advertising support. <i>Applied Mathematical Modelling</i> , 2017 , 49, 108-123	4.5	36
274	Literature review on disruption recovery in the supply chain*. <i>International Journal of Production Research</i> , 2017 , 55, 6158-6174	7.8	296
273	A multi-period inventory transportation model for tactical planning of food grain supply chain. <i>Computers and Industrial Engineering</i> , 2017 , 110, 379-394	6.4	59
272	Some new ideas for assembly line balancing research. <i>IFAC-PapersOnLine</i> , 2017 , 50, 2255-2259	0.7	7
271	Optimal control representation of the mathematical programming model for supply chain dynamic reconfiguration. <i>IFAC-PapersOnLine</i> , 2017 , 50, 4994-4999	0.7	4
270	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> , 2017 , 475-482	0.5	8
269	Scheduling of truck arrivals, truck departures and shop-floor operation in a cross-dock platform, based on trucks loading plans. <i>International Journal of Production Economics</i> , 2017 , 194, 102-112	9.3	32
268	Analysis of a multicriterial buffer capacity optimization problem for a production line. <i>Automation and Remote Control</i> , 2017 , 78, 1276-1289	0.6	13

267	An efficient two-phase iterative heuristic for Collection-Disassembly problem. <i>Computers and Industrial Engineering</i> , 2017 , 110, 505-514	6.4	21
266	Minimizing the number of stations and station activation costs for a production line. <i>Computers and Operations Research</i> , 2017 , 79, 131-139	4.6	6
265	Integrated process planning and system configuration for mixed-model machining on rotary transfer machine. <i>International Journal of Computer Integrated Manufacturing</i> , 2017 , 30, 910-925	4.3	12
264	Decision support for design of reconfigurable rotary machining systems for family part production. <i>International Journal of Production Research</i> , 2017 , 55, 1368-1385	7.8	38
263	Collection-disassembly problem in reverse supply chain. <i>International Journal of Production Economics</i> , 2017 , 183, 334-344	9.3	38
262	Identification and simulation models in logistics control systems for production processes and freighting. <i>IFAC-PapersOnLine</i> , 2017 , 50, 14638-14643	0.7	4
261	Random lead times in replenishment planning for single-level assembly systems: The value of information. <i>IFAC-PapersOnLine</i> , 2017 , 50, 1205-1210	0.7	
260	Structural quantification of the ripple effect in the supply chain. <i>International Journal of Production Research</i> , 2016 , 54, 152-169	7.8	100
259	A review on the buyer-supplier dyad relationships in sustainable procurement context: past, present and future. <i>International Journal of Production Research</i> , 2016 , 54, 1443-1462	7.8	52
258	Lateral inventory transshipment problem in online-to-offline supply chain. <i>International Journal of Production Research</i> , 2016 , 54, 1951-1963	7.8	61
257	Stability radii of optimal assembly line balances with a fixed workstation set. <i>International Journal of Production Economics</i> , 2016 , 182, 356-371	9.3	20
256	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	7.8	338
255	Schedule robustness analysis with the help of attainable sets in continuous flow problem under capacity disruptions. <i>International Journal of Production Research</i> , 2016 , 54, 3397-3413	7.8	26
254	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	9	101
253	Robust dynamic schedule coordination control in the supply chain. <i>Computers and Industrial Engineering</i> , 2016 , 94, 18-31	6.4	31
252	Cost optimization for series-parallel execution of a collection of intersecting operation sets. <i>Engineering Optimization</i> , 2016 , 48, 756-771	2	2
251	Component replenishment planning for a single-level assembly system under random lead times: A chance constrained programming approach. <i>International Journal of Production Economics</i> , 2016 , 181, 79-86	9.3	13
250	Towards green automated production line with rotary transfer and turrets: a multi-objective approach using a binary scatter tabu search procedure. <i>International Journal of Computer Integrated Manufacturing</i> , 2016 , 29, 768-785	4.3	11

249	Single-period inventory model for one-level assembly system with stochastic lead times and demand. <i>International Journal of Production Research</i> , 2016 , 54, 186-203	7.8	20
248	Optimization Approaches for Multi-level Assembly Systems Under Stochastic Lead Times. <i>Operations Research/ Computer Science Interfaces Series</i> , 2016 , 93-107	0.3	1
247	Ergonomics in assembly line balancing based on energy expenditure: a multi-objective model. <i>International Journal of Production Research</i> , 2016 , 54, 824-845	7.8	76
246	A new effective dynamic program for an investment optimization problem. <i>Automation and Remote Control</i> , 2016 , 77, 1633-1648	0.6	2
245	Optimal supply planning for two-levels assembly system with stochastic lead-times and maintenance actions 2016 ,		1
244	Low carbon economy and equitable society: production, supply chain, and operations management perspectives. <i>Journal of Cleaner Production</i> , 2016 , 117, 7-9	10.3	6
243	Dynamic recovery policies for time-critical supply chains under conditions of ripple effect. <i>International Journal of Production Research</i> , 2016 , 54, 7245-7258	7.8	64
242	Maximizing the robustness for simple assembly lines with fixed cycle time and limited number of workstations. <i>Discrete Applied Mathematics</i> , 2016 , 208, 123-136	1	11
241	Optimization of the Structure and Execution Modes of Intersecting Operation Sets. <i>IFAC-PapersOnLine</i> , 2016 , 49, 105-110	0.7	4
240	Cross-docking Operation Scheduling: Truck Arrivals, Shop-Floor Activities and Truck Departures. <i>IFAC-PapersOnLine</i> , 2016 , 49, 1353-1358	0.7	3
239	Design of a Multi-agent System to Manage Relay Intercity Freightling. <i>IFAC-PapersOnLine</i> , 2016 , 49, 1656-1661	0.7	2
238	A solution approach based on beam search algorithm for disassembly line balancing problem. <i>Journal of Manufacturing Systems</i> , 2016 , 41, 188-200	9.1	54
237	Heuristics for Batch Machining at Reconfigurable Rotary Transfer Machines. <i>IFAC-PapersOnLine</i> , 2016 , 49, 491-496	0.7	2
236	Disruptions in supply chains and recovery policies: state-of-the art review. <i>IFAC-PapersOnLine</i> , 2016 , 49, 1436-1441	0.7	24
235	A multi-objective approach for design of reconfigurable transfer lines. <i>IFAC-PapersOnLine</i> , 2016 , 49, 509-514	0.7	12
234	Cash flow risk in dual-channel supply chain. <i>International Journal of Production Research</i> , 2015 , 53, 3678-3691	10.3	15
233	A decomposition based solution algorithm for U-type assembly line balancing with interval data. <i>Computers and Operations Research</i> , 2015 , 59, 126-131	4.6	37
232	Cooperative control in production and logistics. <i>Annual Reviews in Control</i> , 2015 , 39, 12-29	10.3	55

231	Workforce minimization for a mixed-model assembly line in the automotive industry. <i>International Journal of Production Economics</i> , 2015 , 170, 489-500	9.3	32
230	Two-station single-track railway scheduling problem with trains of equal speed. <i>Computers and Industrial Engineering</i> , 2015 , 85, 260-267	6.4	13
229	Variety-oriented design of rotary production systems. <i>CIRP Annals - Manufacturing Technology</i> , 2015 , 64, 411-414	4.9	5
228	Second order conic approximation for disassembly line design with joint probabilistic constraints. <i>European Journal of Operational Research</i> , 2015 , 247, 957-967	5.6	55
227	A bibliographic review of production line design and balancing under uncertainty. <i>IFAC-PapersOnLine</i> , 2015 , 48, 70-75	0.7	27
226	Assembly line balancing with ergonomics paradigms: two alternative methods. <i>IFAC-PapersOnLine</i> , 2015 , 48, 586-591	0.7	28
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