

# Manoj Kumar Tiwari

## 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.

225  
papers

6,222  
citations

39  
h-index

67  
g-index

238  
ext. papers

7,625  
ext. citations

5.7  
avg, IF

6.81  
L-index

#	Paper	IF	Citations
225	A hybrid ensemble learning-based prediction model to minimise delay in air cargo transport using bagging and stacking. <i>International Journal of Production Research</i> , <b>2022</b> , 60, 644-660	7.8	0
224	Exploring the key facets of leakage dynamics in water distribution networks: Experimental verification, hydraulic modeling, and sensitivity analysis. <i>Journal of Cleaner Production</i> , <b>2022</b> , 132236	10.3	0
223	IoT and Semantic-Based Manufacturing System in the Era of Industry 4.0. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 35-45	0.4	
222	Stochastic batch dispersion model to optimize traceability and enhance transparency using Blockchain. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 154, 107134	6.4	9
221	IE Tools for Boosting Competitiveness in Iron and Steel Industry: A Review. <i>Transactions of the Indian Institute of Metals</i> , <b>2021</b> , 74, 1065	1.2	0
220	Unpacking the role of primary packaging material in designing green supply chains: An integrated approach. <i>International Journal of Production Economics</i> , <b>2021</b> , 236, 108133	9.3	1
219	High-rate blackwater anaerobic digestion under septic tank conditions with the amendment of biosolids-derived biochar synthesized at different temperatures. <i>Bioresource Technology</i> , <b>2021</b> , 331, 125052	11	3
218	Impact of COVID-19 on logistics systems and disruptions in food supply chain. <i>International Journal of Production Research</i> , <b>2021</b> , 59, 1993-2008	7.8	203
217	A reinforcement learning-based algorithm for the aircraft maintenance routing problem. <i>Expert Systems With Applications</i> , <b>2021</b> , 169, 114399	7.8	4
216	Bunkering policies for a fuel bunker management problem for liner shipping networks. <i>European Journal of Operational Research</i> , <b>2021</b> , 289, 927-939	5.6	29
215	Fuel Bunker Management Strategies Within Sustainable Container Shipping Operation Considering Disruption and Recovery Policies. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 68, 1089-1111	2.6	31
214	A new case of rank reversal in analytic hierarchy process due to aggregation of cost and benefit criteria. <i>Operations Research Perspectives</i> , <b>2021</b> , 8, 100185	2.1	3
213	Smart Integration of Blockchain in Air Cargo Handling for Profit Maximization. <i>IFIP Advances in Information and Communication Technology</i> , <b>2021</b> , 107-114	0.5	
212	Digitization of Real-Time Predictive Maintenance for High Speed Machine Equipment. <i>IFIP Advances in Information and Communication Technology</i> , <b>2021</b> , 132-140	0.5	
211	Assembly Design of Additive Manufacturing Products: A Computational Framework for Part Separation. <i>Procedia CIRP</i> , <b>2021</b> , 96, 121-126	1.8	1
210	Bilevel Programming for Manufacturers Operating in an Omnichannel Retailing Environment. <i>IEEE Transactions on Engineering Management</i> , <b>2021</b> , 1-18	2.6	
209	Identifying Myocardial Infarction Using Hierarchical Template Matching-Based Myocardial Strain: Algorithm Development and Usability Study. <i>JMIR Medical Informatics</i> , <b>2021</b> , 9, e22164	3.6	

208	A bespoke PSS development roadmap for construction OEMs. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2021</b> , 46, 1	1	0
207	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
206	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 5772-5782	6.1	22
205	Performance indicators-based energy sustainability in urban water distribution networks: A state-of-art review and conceptual framework. <i>Sustainable Cities and Society</i> , <b>2021</b> , 72, 103036	10.1	4
204	Optimal allocation of near-expiry food in a retailer-foodbank supply network with economic and environmental considerations: An aggregator's perspective. <i>Journal of Cleaner Production</i> , <b>2021</b> , 318, 128481	10.3	2
203	Learning curve based integrated procurement and project scheduling of multiple sister ships project. <i>Computers and Industrial Engineering</i> , <b>2021</b> , 162, 107691	6.4	
202	Hydraulic performance benchmarking for effective management of water distribution networks: An innovative composite index-based approach. <i>Journal of Environmental Management</i> , <b>2021</b> , 299, 113603	7.9	2
201	Energy Analysis of Wastewater Infrastructure. <i>Energy, Environment, and Sustainability</i> , <b>2021</b> , 209-229	0.8	
200	Liner Ship Freight Revenue and Fleet Deployment for Single Service. <i>IFIP Advances in Information and Communication Technology</i> , <b>2021</b> , 123-131	0.5	
199	A lean approach to healthcare management using multi criteria decision making. <i>Opsearch</i> , <b>2021</b> , 58, 610-635	1.6	9
198	Ensemble-learning based neural networks for novelty detection in multi-class systems. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 93, 106396	7.5	5
197	Quantitative approaches for the integration of production and distribution planning in the supply chain: a systematic literature review. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 3527-3553	7.8	19
196	Green food supply chain design considering risk and post-harvest losses: a case study. <i>Annals of Operations Research</i> , <b>2020</b> , 295, 257-284	3.2	23
195	Assessment of pre and post-disaster supply chain resilience based on network structural parameters with CVaR as a risk measure. <i>International Journal of Production Economics</i> , <b>2020</b> , 227, 107655	9.3	48
194	Emerging technologies-based and digital twin driven inclusive manufacturing system. <i>International Journal of Integrated Supply Management</i> , <b>2020</b> , 13, 353	3.8	2
193	Low-Cost Adsorptive Removal Techniques for Pharmaceuticals and Personal Care Products. <i>Energy, Environment, and Sustainability</i> , <b>2020</b> , 397-421	0.8	4
192	A review of leakage detection strategies for pressurised pipeline in steady-state. <i>Engineering Failure Analysis</i> , <b>2020</b> , 109, 104264	3.2	43
191	Exploring the effect of dynamic seed activation in social networks. <i>International Journal of Information Management</i> , <b>2020</b> , 51, 102039	16.4	1

190	Multi-objective particle swarm optimisation based integrated production inventory routing planning for efficient perishable food logistics operations. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 5155-5174	7.8	18
189	Optimization of vehicle speed for batches to minimize supply chain cost under uncertain demand. <i>Information Sciences</i> , <b>2020</b> , 515, 26-43	7.7	8
188	The impact of the Internet of Things (IoT) on servitization: an exploration of changing supply relationships. <i>Production Planning and Control</i> , <b>2020</b> , 31, 203-219	4.3	12
187	Effect of carbon tax on reverse logistics network design. <i>Computers and Industrial Engineering</i> , <b>2020</b> , 139, 106184	6.4	20
186	Copula-based probabilistic spectral algorithms for high-frequent streamflow estimation. <i>Remote Sensing of Environment</i> , <b>2020</b> , 251, 112092	13.2	8
185	Mitigating demand risk of durable goods in online retailing. <i>International Journal of Retail and Distribution Management</i> , <b>2020</b> , 49, 165-186	3.5	5
184	Impact of financial risk on supply chains: a manufacturer-supplier relational perspective. <i>International Journal of Production Research</i> , <b>2020</b> , 1-16	7.8	6
183	A methodology for determining the optimal reverse flow capacities and the breakeven period for a multi products-component remanufacturing problem of an OEM. <i>Operations Management Research</i> , <b>2020</b> , 13, 233-248	3.6	1
182	A hybrid dynamic berth allocation planning problem with fuel costs considerations for container terminal port using chemical reaction optimization approach. <i>Annals of Operations Research</i> , <b>2020</b> , 290, 783-811	3.2	20
181	Project portfolio selection and scheduling optimization based on risk measure: a conditional value at risk approach. <i>Annals of Operations Research</i> , <b>2020</b> , 285, 9-33	3.2	24
180	Hybridizing Basic Variable Neighborhood Search With Particle Swarm Optimization for Solving Sustainable Ship Routing and Bunker Management Problem. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 21, 986-997	6.1	34
179	A framework for understanding institutional factors affecting the success and failure of offshoring models in India. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 5911-5928	7.8	0
178	Modelling of sustainable food grain supply chain distribution system: a bi-objective approach. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 5521-5544	7.8	34
177	Modelling supply chain network for procurement of food grains in India. <i>International Journal of Production Research</i> , <b>2020</b> , 58, 6493-6512	7.8	15
176	Estimation and maximization of user influence in social networks. <i>International Journal of Information Management</i> , <b>2019</b> , 47, 44-51	16.4	12
175	Hierarchical Template Matching for 3D Myocardial Tracking and Cardiac Strain Estimation. <i>Scientific Reports</i> , <b>2019</b> , 9, 12450	4.9	1
174	Ecosystem service assessment of selected wetlands of Kolkata and the Indian Gangetic Delta: multi-beneficial systems under differentiated management stress. <i>Wetlands Ecology and Management</i> , <b>2019</b> , 27, 405-426	2.1	25
173	Activity scheduling and resource allocation with uncertainties and learning in activities. <i>Industrial Management and Data Systems</i> , <b>2019</b> , 119, 1289-1320	3.6	3

172	Enhancing supply chain resilience using ontology-based decision support system. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2019</b> , 32, 642-657	4.3	25
171	Part segregation based on particle swarm optimisation for assembly design in additive manufacturing. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2019</b> , 32, 705-722	4.3	7
170	Integrated approach for optimizing quality control in international manufacturing networks. <i>Production Planning and Control</i> , <b>2019</b> , 30, 225-238	4.3	10
169	Multi-period price optimization problem for omnichannel retailers accounting for customer heterogeneity. <i>International Journal of Production Economics</i> , <b>2019</b> , 212, 155-167	9.3	24
168	Exploiting co-existence and co-evolution of mutualistic communities: A stable algorithm based on the plant-pollinator interactions. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 128, 637-650	6.4	
167	A multi-objective meta-heuristic approach for transit network design and frequency setting problem in a bus transit system. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 130, 166-186	6.4	36
166	Asset liability management model with decision support system for life insurance companies: Computational results. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 128, 985-998	6.4	9
165	Sustainable procurement performance of large enterprises across supply chain tiers and geographic regions. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 764-778	7.8	27
164	Knowledge management based collaboration moderator services to support SMEs in virtual organizations. <i>Production Planning and Control</i> , <b>2019</b> , 30, 951-970	4.3	8
163	Mine sludge waste recycling as bio-stimulant for applications in anaerobic wastewater treatment. <i>Water Science and Technology</i> , <b>2019</b> , 79, 425-434	2.2	9
162	An integrated recommender system for improved accuracy and aggregate diversity. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 130, 187-197	6.4	24
161	Digital Twin Driven Inclusive Manufacturing Using Emerging Technologies. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 2225-2230	0.7	8
160	Modeling for deployment of digital technologies in the cold chain. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 1192-1197	0.7	6
159	Optimal Control of Production and Maintenance Operations in Smart Custom Manufacturing Systems with Multiple Machines. <i>IFAC-PapersOnLine</i> , <b>2019</b> , 52, 241-246	0.7	6
158	Sample average approximation for multi-vehicle collection and disassembly problem under uncertainty. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 2409-2428	7.8	14
157	Next generation smart manufacturing and service systems using big data analytics. <i>Computers and Industrial Engineering</i> , <b>2019</b> , 128, 905-910	6.4	34
156	Framework and modelling of inclusive manufacturing system. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2019</b> , 32, 105-123	4.3	30
155	Multiple criteria risk averse model for multi-product newsvendor problem using conditional value at risk constraints. <i>Information Sciences</i> , <b>2019</b> , 478, 595-605	7.7	10

154	A noise correction-based approach to support a recommender system in a highly sparse rating environment. <i>Decision Support Systems</i> , <b>2019</b> , 118, 46-57	5.6	26
153	An efficient recommendation generation using relevant Jaccard similarity. <i>Information Sciences</i> , <b>2019</b> , 483, 53-64	7.7	83
152	Optimising online review inspired product attribute classification using the self-learning particle swarm-based Bayesian learning approach. <i>International Journal of Production Research</i> , <b>2019</b> , 57, 3099-3120	7.8	10
151	Predicting the consumer's purchase intention of durable goods: An attribute-level analysis. <i>Journal of Business Research</i> , <b>2019</b> , 94, 408-419	8.7	36
150	. <i>IEEE Transactions on Engineering Management</i> , <b>2019</b> , 66, 35-51	2.6	45
149	An integrated decision support system for strategic supply chain optimisation in process industries: the case of a zinc company. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 5866-5882	7.8	5
148	Grain silo location-allocation problem with dwell time for optimization of food grain supply chain network. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2018</b> , 111, 40-69	9	61
147	Decision support system for Pradhan Mantri Ujjwala Yojana. <i>Energy Policy</i> , <b>2018</b> , 118, 455-461	7.2	10
146	A Novel Hierarchical Template Matching Model for Cardiac Motion Estimation. <i>Scientific Reports</i> , <b>2018</b> , 8, 4475	4.9	2
145	Rule based optimization for a bulk handling port operations. <i>Journal of Intelligent Manufacturing</i> , <b>2018</b> , 29, 287-311	6.7	20
144	An MINLP model to support the movement and storage decisions of the Indian food grain supply chain. <i>Control Engineering Practice</i> , <b>2018</b> , 70, 98-113	3.9	29
143	Markov random field segmentation for industrial computed tomography with metal artefacts. <i>Journal of X-Ray Science and Technology</i> , <b>2018</b> , 26, 573-591	2.1	3
142	Dual Market Facility Network Design under Bounded Rationality. <i>Algorithms</i> , <b>2018</b> , 11, 54	1.8	9
141	Modeling, analysis, and improvement of integrated productivity and energy consumption in a serial manufacturing system. <i>Journal of Cleaner Production</i> , <b>2018</b> , 199, 296-304	10.3	13
140	New decision support system for strategic planning in process industries: Computational results. <i>Computers and Industrial Engineering</i> , <b>2018</b> , 124, 36-47	6.4	6
139	Bayesian network modelling for supply chain risk propagation. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 5795-5819	7.8	118
138	Reduction of carbon emission and total late work criterion in job shop scheduling by applying a multi-objective imperialist competitive algorithm. <i>International Journal of Computational Intelligence Systems</i> , <b>2018</b> , 11, 805	3.4	5
137	Optimising integrated inventory policy for perishable items in a multi-stage supply chain. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 902-925	7.8	41

136	Design for manufacturing and assembly/disassembly: joint design of products and production systems. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 7181-7189	7.8	32
135	Station Dispatching Problem for a Large Terminal: A Constraint Programming Approach. <i>Interfaces</i> , <b>2018</b> , 48, 510-528	0.7	2
134	Solving closed-loop supply chain problems using game theoretic particle swarm optimisation. <i>International Journal of Production Research</i> , <b>2018</b> , 56, 5836-5853	7.8	20
133	Designing multi-period supply chain network considering risk and emission: a multi-objective approach. <i>Annals of Operations Research</i> , <b>2017</b> , 250, 427-461	3.2	25
132	Closed loop supply chain networks: Designs for energy and time value efficiency. <i>International Journal of Production Economics</i> , <b>2017</b> , 183, 382-393	9.3	49
131	An integrated decision support system for berth and ship unloader allocation in bulk material handling port. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 106, 386-399	6.4	32
130	A Multi-Agent System based simulation approach for planning procurement operations and scheduling with multiple cross-docks. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 107, 289-300	6.4	15
129	A multi-period inventory transportation model for tactical planning of food grain supply chain. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 110, 379-394	6.4	59
128	An integrated framework for product line design for modular products: product attribute and functionality-driven perspective. <i>International Journal of Production Research</i> , <b>2017</b> , 55, 3862-3885	7.8	20
127	Sustainable maritime inventory routing problem with time window constraints. <i>Engineering Applications of Artificial Intelligence</i> , <b>2017</b> , 61, 77-95	7.2	80
126	Bulk wheat transportation and storage problem of public distribution system. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 104, 80-97	6.4	62
125	An evolutionary algorithmic approach to determine the Nash equilibrium in a duopoly with nonlinearities and constraints. <i>Expert Systems With Applications</i> , <b>2017</b> , 74, 29-40	7.8	3
124	Big-data analytics framework for incorporating smallholders in sustainable palm oil production. <i>Production Planning and Control</i> , <b>2017</b> , 28, 1365-1377	4.3	27
123	Urban air quality forecasting based on multi-dimensional collaborative Support Vector Regression (SVR): A case study of Beijing-Tianjin-Shijiazhuang. <i>PLoS ONE</i> , <b>2017</b> , 12, e0179763	3.7	42
122	Demand prediction and price optimization for semi-luxury supermarket segment. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 113, 91-102	6.4	10
121	Effects of demand forecast and resource sharing on collaborative new product development in supply chain. <i>International Journal of Production Economics</i> , <b>2017</b> , 193, 207-221	9.3	15
120	Feasibility study for the introduction of synchromodal freight transportation concept. <i>Cogent Engineering</i> , <b>2017</b> , 4, 1305649	1.5	9
119	Humanitarian relief supply chain: a multi-objective model and solution. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2017</b> , 42, 1167-1174	1	11

118	Traceability using RFID and its formulation for a kiwifruit supply chain. <i>Computers and Industrial Engineering</i> , <b>2017</b> , 103, 46-58	6.4	38
117	Multi-objective modeling of production and pollution routing problem with time window: A self-learning particle swarm optimization approach. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 99, 29-40	6.4	84
116	Two-echelon fuzzy stochastic supply chain for the manufacturer-buyer integrated production-inventory system. <i>Journal of Intelligent Manufacturing</i> , <b>2016</b> , 27, 875-888	6.7	29
115	Two Stage Indian Food Grain Supply Chain Network Transportation-Allocation Model. <i>IFAC-PapersOnLine</i> , <b>2016</b> , 49, 1767-1772	0.7	25
114	Characteristics of redistributed manufacturing systems: a comparative study of emerging industry supply networks. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 6936-6955	7.8	31
113	Impact of replenishment strategies on supply chain performance under e-shopping scenario. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 102, 78-87	6.4	9
112	A techno-economic assessment of the liquefied natural gas (LNG) production facilities in Western Canada. <i>Sustainable Energy Technologies and Assessments</i> , <b>2016</b> , 18, 140-152	4.7	21
111	A Hybrid Territory Defined evolutionary algorithm approach for closed loop green supply chain network design. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 99, 432-447	6.4	20
110	Vibration suppression of a tool in a lathe machine through contract-based design. <i>International Journal of Advanced Manufacturing Technology</i> , <b>2016</b> , 86, 1763-1773	3.2	0
109	Performance measures based optimization of supply chain network resilience: A NSGA-II + Co-Kriging approach. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 93, 205-214	6.4	36
108	Bi-objective optimization of three echelon supply chain involving truck selection and loading using NSGA-II with heuristics algorithm. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 38, 978-987	7.5	23
107	An efficient ICA-DW-SVDD fault detection and diagnosis method for non-Gaussian processes. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 5208-5218	7.8	14
106	Integration of process planning and scheduling using mobile-agent based approach in a networked manufacturing environment. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 94, 63-73	6.4	32
105	An integrated inventory optimization model for facility location-allocation problem. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 3640-3658	7.8	16
104	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> , <b>2016</b> , 29, 768-785	4.3	11
103	Mining consumer reviews to generate ratings of different product attributes while producing feature-based review-summary. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 3272-3286	2.3	26
102	Integrated scheduling of rake and stockyard management with ship berthing: a block based evolutionary algorithm. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 4182-4204	7.8	21
101	Unequal-area stochastic facility layout problems: solutions using improved covariance matrix adaptation evolution strategy, particle swarm optimisation, and genetic algorithm. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 799-823	7.8	13

100	Interpretive structural modeling-analytic network process integrated framework for evaluating sustainable supply chain management alternatives. <i>Applied Mathematical Modelling</i> , <b>2016</b> , 40, 3671-3687	4.5	50
99	Distributed manufacturing: scope, challenges and opportunities. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 6917-6935	7.8	160
98	Intelligent search techniques for network-based manufacturing systems: multi-objective formulation and solutions. <i>International Journal of Computer Integrated Manufacturing</i> , <b>2016</b> , 29, 850-864	4.3	14
97	The Self-Learning Particle Swarm Optimization approach for routing pickup and delivery of multiple products with material handling in multiple cross-docks. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , <b>2016</b> , 91, 208-226	9	31
96	VMI versus information sharing: an analysis under static uncertainty strategy with fill rate constraints. <i>International Journal of Production Research</i> , <b>2016</b> , 54, 3978-3993	7.8	8
95	Composite particle algorithm for sustainable integrated dynamic ship routing and scheduling optimization. <i>Computers and Industrial Engineering</i> , <b>2016</b> , 96, 201-215	6.4	90
94	Facility location for a closed-loop distribution network: a hybrid approach. <i>International Journal of Retail and Distribution Management</i> , <b>2016</b> , 44, 884-902	3.5	10
93	An optimization model for a monopolistic firm serving an environmentally conscious market: Use of chemical reaction optimization algorithm. <i>International Journal of Production Economics</i> , <b>2015</b> , 164, 409-420	9.3	18
92	Product feature and functionality driven integrated framework for product commercialization in presence of qualitative consumer reviews. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 4769-4788	7.8	11
91	A biased random key genetic algorithm approach for inventory-based multi-item lot-sizing problem. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , <b>2015</b> , 229, 157-171	2.4	14
90	A Pareto block-based estimation and distribution algorithm for multi-objective permutation flow shop scheduling problem. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 793-834	7.8	20
89	Minimizing delay of ships in bulk terminals by simultaneous ship scheduling, stockyard planning and train scheduling. <i>Maritime Economics and Logistics</i> , <b>2015</b> , 17, 464-492	2.6	14
88	Multivariate optimization for electrochemical oxidation of methyl orange: Pathway identification and toxicity analysis. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2015</b> , 50, 301-10	2.3	22
87	Solving Quality and Reliability Optimization Problems for MEMS with Degradation Data <b>2015</b> , 381-399		
86	A supply chain network equilibrium model for operational and opportunism risk mitigation. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 5685-5715	7.8	28
85	Decision Support System for Discrete Robust Berth Allocation. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 875-880	0.7	15
84	Key characteristics-based sensor distribution in multi-station assembly processes. <i>Journal of Intelligent Manufacturing</i> , <b>2015</b> , 26, 43-58	6.7	19
83	Tactical production planning in a hybrid Make-to-Stock/Make-to-Order environment under supply, process and demand uncertainties: a robust optimisation model. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 1358-1386	7.8	18

82	Multi-objective process planning and scheduling using controlled elitist non-dominated sorting genetic algorithm. <i>International Journal of Production Research</i> , <b>2015</b> , 53, 1712-1735	7.8	47
81	The robust quay crane allocation for a discrete bulk material handling port <b>2015</b> ,		6
80	Robust Formulation for Optimizing Sustainable Ship Routing and Scheduling Problem. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 368-373	0.7	17
79	Introduction: Sustainable shipping and transport logistics in developing economies. <i>International Journal of Shipping and Transport Logistics</i> , <b>2015</b> , 7, 649	1	1
78	Development of an Effective Cost Minimization Model for Food Grain Shipments. <i>IFAC-PapersOnLine</i> , <b>2015</b> , 48, 881-886	0.7	18
77	Novel fuzzy hybrid multi-criteria group decision making approaches for the strategic supplier selection problem. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 3342-3356	7.8	70
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