Jagjit Singh Srai

List of Publications by Year
in descending order

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68 papers	2,482 citations	236612 25 h-index	214527 47 g-index
69 all docs	69 docs citations	69 times ranked	2228 citing authors

#	Article	IF	Citations
1	Distributed manufacturing: scope, challenges and opportunities. International Journal of Production Research, 2016, 54, 6917-6935.	4.9	219
2	Consumer-driven e-commerce. International Journal of Physical Distribution and Logistics Management, 2018, 48, 308-332.	4.4	194
3	A supply network configuration perspective on international supply chain development. International Journal of Operations and Production Management, 2008, 28, 386-411.	3.5	168
4	Supply chain evolution â€“ theory, concepts and science. International Journal of Operations and Production Management, 2016, 36, 1696-1718.	3.5	161
5	Developing design principles for the digitalisation of purchasing and supply management. Journal of Purchasing and Supply Management, 2019, 25, 78-98.	3.1	132
6	Intelligent Autonomous Vehicles in digital supply chains: A framework for integrating innovations towards sustainable value networks. Journal of Cleaner Production, 2018, 181, 60-71.	4.6	105
7	Future Supply Chains Enabled by Continuous Processingâ€"Opportunities Challenges May 20â€"21 2014 Continuous Manufacturing Symposium. Journal of Pharmaceutical Sciences, 2015, 104, 840-849.	1.6	100
8	Manufacturing in the world: where next?. International Journal of Operations and Production Management, 2015, 35, 1253-1274.	3.5	95
9	How will smart city production systems transform supply chain design: a product-level investigation. International Journal of Production Research, 2016, 54, 7181-7192.	4.9	73
10	Institutional and strategic operations perspectives on manufacturing reshoring. International Journal of Production Research, 2016, 54, 7193-7211.	4.9	72
11	Pharmaceutical supply chain models: A synthesis from a systems view of operations research. Operations Research Perspectives, 2017, 4, 74-95.	1.2	66
12	Enabling precision manufacturing of active pharmaceutical ingredients: workflow for seeded cooling continuous crystallisations. Molecular Systems Design and Engineering, 2018, 3, 518-549.	1.7	66
13	Hierarchical modelling of Last Mile logistic distribution system. International Journal of Advanced Manufacturing Technology, 2014, 70, 1053-1061.	1.5	50
14	Emerging market characteristics and supply network adjustments in internationalising food supply chains. International Journal of Production Economics, 2013, 145, 220-232.	5.1	49
15	Renewable chemical feedstock supply network design: The case of terpenes. Journal of Cleaner Production, 2019, 222, 802-822.	4.6	48
16	Examining the anatomy of last-mile distribution in e-commerce omnichannel retailing. International Journal of Operations and Production Management, 2018, 38, 1735-1764.	3.5	47
17	Identifying design criteria for urban system â€˜last-mileâ€™ solutions â€“ a multi-stakeholder perspective. Production Planning and Control, 2016, 27, 456-476.	5.8	46
18	Evaluating the potential for the continuous processing of pharmaceutical productsâ€"a supply network perspective. Chemical Engineering and Processing: Process Intensification, 2015, 97, 248-258.	1.8	42

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19	Research priorities for managing the impacts and dependencies of business upon food, energy, water and the environment. Sustainability Science, 2017, 12, 319-331.	2.5	41
20	Developing distributed manufacturing strategies from the perspective of a product-process matrix. International Journal of Production Economics, 2020, 219, 1-17.	5.1	41
21	Rethinking supply chains in the age of digitalization. Production Planning and Control, 2020, 31, 93-95.	5.8	39
22	Environmental management: the role of supply chain capabilities in the auto sector. Supply Chain Management, 2016, 21, 1-19.	3.7	38
23	Characteristics of redistributed manufacturing systems: a comparative study of emerging industry supply networks. International Journal of Production Research, 2016, 54, 6936-6955.	4.9	35
24	A relational embeddedness perspective on dynamic capabilities: A grounded investigation of buyer-supplier routines. Industrial Marketing Management, 2020, 85, 110-125.	3.7	29
25	Reconfiguring global pharmaceutical value networks through targeted technology interventions. International Journal of Production Research, 2017, 55, 1471-1487.	4.9	27
26	Cluster analysis application for understanding SME manufacturing strategies. Expert Systems With Applications, 2016, 66, 176-188.	4.4	26
27	The impact of product attributes and emerging technologies on firmsâ€™ international configuration. Journal of International Business Studies, 2016, 47, 610-618.	4.6	24
28	Structuring the phenomenon of procurement digitalisation: contexts, interventions and mechanisms. International Journal of Operations and Production Management, 2021, 41, 157-192.	3.5	24
29	Digital Technologies Towards Resource Efficiency in the Agrifood Sector: Key Challenges in Developing Countries. Sustainability, 2018, 10, 4850.	1.6	22
30	Blue Water Footprint Management in a UK Poultry Supply Chain under Environmental Regulatory Constraints. Sustainability, 2018, 10, 625.	1.6	21
31	Intelligent autonomous vehicles in digital supply chains. Business Process Management Journal, 2019, 25, 414-437.	2.4	21
32	Sustainability Performance in Food Supply Networks: Insights from the UK Industry. Sustainability, 2018, 10, 3148.	1.6	20
33	Sustainable water use through multiple cropping systems and precision irrigation. Journal of Cleaner Production, 2022, 333, 130117.	4.6	20
34	Value Chain Reconfiguration in Highly Disaggregated Industrial Systems: Examining the Emergence of Health Care Diagnostics. Global Strategy Journal, 2013, 3, 88-108.	4.4	19
35	Mapping supply dynamics in renewable feedstock enabled industries: A systems theory perspective on â€˜greenâ€™ pharmaceuticals. Operations Management Research, 2018, 11, 83-104.	5.0	19
36	Do makerspaces represent scalable production models of community-based redistributed manufacturing?. Production Planning and Control, 2019, 30, 540-554.	5.8	18

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37	Digital supply network design: a Circular Economy 4.0 decision-making system for real-world challenges. Production Planning and Control, 2023, 34, 941-966.	5.8	18
38	Distributed manufacturing: a new form of localised production?. International Journal of Operations and Production Management, 2020, 40, 697-727.	3.5	17
39	Circular supply chains and renewable chemical feedstocks: a network configuration analysis framework. Production Planning and Control, 2018, 29, 464-482.	5.8	16
40	Defining product-service network configurations and location roles: a current and future state analysis framework for international engineering operations. International Journal of Product Development, 2012, 17, 228.	0.2	15
41	Managing distance in international purchasing and supply: a systematic review of literature from the resource-based view perspective. International Business Review, 2018, 27, 339-354.	2.6	15
42	Integrated Supply Network Maturity Model: Water Scarcity Perspective. Sustainability, 2018, 10, 896.	1.6	15
43	Sensor Applications in Agrifood Systems: Current Trends and Opportunities for Water Stewardship. Climate, 2019, 7, 44.	1.2	15
44	EXPLORING EMERGING ECOSYSTEM BOUNDARIES: DEFINING â€˜THE GAMEâ€™. International Journal of Innovation Management, 2018, 22, 1840012.	0.7	14
45	Risk management in plant investment decisions: risk typology, dimensions and process. Production Planning and Control, 2016, 27, 761-773.	5.8	11
46	Mapping industrial systems - a supply network perspective on enabling technologies, processes and actors. International Journal of Manufacturing Technology and Management, 2017, 31, 82.	0.1	11
47	Network integration for international mergers and acquisitions. European Journal of International Management, 2010, 4, 56.	0.1	10
48	An operations process framework for international M&A value creation. European Journal of International Management, 2010, 4, 3.	0.1	9
49	Designing a â€˜concept of operationsâ€™ architecture for next-generation multi-organisational service networks. AI and Society, 2016, , 1.	3.1	9
50	Automotive leaf spring design and manufacturing process improvement using failure mode and effects analysis (FMEA). International Journal of Engineering Business Management, 2020, 12, 184797902094243.	2.1	9
51	Interplay between Competing and Coexisting Policy Regimens within Supply Chain Configurations. Production and Operations Management, 2022, 31, 457-477.	2.1	9
52	Supply network integration in multi-organisational network systems. International Journal of Manufacturing Research, 2011, 6, 122.	0.1	8
53	Synergy from configuration of global production networks: drivers, mechanisms, and outcomes. Production Planning and Control, 2019, 30, 179-196.	5.8	7
54	Industrial system dynamics for environmental sustainability: a case study on the UK medical technology sector. International Journal of Manufacturing Technology and Management, 2017, 31, 100.	0.1	7

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55	Knowledge management in SMEs and MNCs: matching knowledge mobility mechanisms to supply network configuration profiles. Production Planning and Control, 2019, 30, 971-994.	5.8	6
56	Exploring Environmental Supply Chain Innovation in M&A. Sustainability, 2020, 12, 10105.	1.6	6
57	Understanding stages of supply network emergence in technology commercialisation. International Journal of Manufacturing Technology and Management, 2017, 31, 4.	0.1	5
58	Inventory planning and control in â€˜greenâ€™ pharmacies supply chains â€“ A System Dynamics modelling perspective. Computer Aided Chemical Engineering, 2017, , 1285-1290.	0.3	5
59	Understanding stages of supply network emergence in technology commercialisation. International Journal of Manufacturing Technology and Management, 2016, 1, 1.	0.1	5
60	Evaluating the Business Case for Continuous Manufacturing of Pharmaceuticals: A Supply Network Perspective. AAPS Advances in the Pharmaceutical Sciences Series, 2020, , 477-512.	0.2	4
61	Towards an Ontological Backbone for Pharmaceutical Digital Supply Chains. Computer Aided Chemical Engineering, 2017, 40, 2329-2334.	0.3	3
62	Emerging product-process archetypes in oncology: informing the sustainable provision of next-generation medicines. International Journal of Healthcare Technology and Management, 2018, 17, 97.	0.1	3
63	Supply chain constraints, opportunities, and adjustments in emerging markets. Benchmarking, 2012, 19, .	2.9	3
64	Continuous manufacturing technologies in upstream pharmaceutical supply chains: Combining engineering and managerial criteria. Journal of Multi-Criteria Decision Analysis, 2022, 29, 298-312.	1.0	3
65	Local water stress impacts on global supply chains. Journal of Advances in Management Research, 2016, 13, 368-391.	1.6	2
66	Exploring interfaces: making the case for interdisciplinary research. International Journal of Operations and Production Management, 2013, 33, .	3.5	2
67	Supply network configuration archetypes for the circular exploitation of solid waste. International Journal of Integrated Supply Management, 2020, 13, 302.	0.2	1
68	Where have all the equations gone? A unified view on semi-quantitative problem structuring and modelling. Journal of the Operational Research Society, 2023, 74, 290-309.	2.1	1