

# Big data driven supply chain design and applications for using case study approach

Omega

102, 102452

DOI: [10.1016/j.omega.2021.102452](https://doi.org/10.1016/j.omega.2021.102452)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Applications of Blockchain Technology in Sustainable Manufacturing and Supply Chain Management: A Systematic Review. Sustainability, 2021, 13, 7870.	3.2	97
2	Leveraging Capabilities of Technology into a Circular Supply Chain to Build Circular Business Models: A State-of-the-Art Systematic Review. Sustainability, 2021, 13, 8997.	3.2	16
3	The ethics of action research participation. Information Systems Journal, 2022, 32, 573-594.	6.9	6
4	Fast, furious and focused approach to Covid-19 response: an examination of the financial and business resilience of the UAE logistics industry. Journal of Financial Services Marketing, 2021, 26, 237-258.	3.4	12
5	High Level Petri Nets Application for Reliability Visualization on Multi Echelon Supply Chain. Communications in Computer and Information Science, 2021, , 43-52.	0.5	0
6	Correlation mechanism between smart technology and smart supply chain innovation performance: A multi-case study from China's companies with Physical Internet. International Journal of Production Economics, 2022, 245, 108394.	8.9	10
7	A taxonomy study on securing Blockchain-based Industrial applications: An overview, application perspectives, requirements, attacks, countermeasures, and open issues. Journal of Industrial Information Integration, 2022, 26, 100312.	6.4	20
8	A Data-Driven Packaging Efficiency Optimization Method for a Low Carbon System in Agri-Products Cold Chain. Sustainability, 2022, 14, 858.	3.2	3
9	Modeling the blockchain readiness challenges for product recovery system. Annals of Operations Research, 2022, , 1-45.	4.1	13
10	Pricing strategies of dual-channel green supply chain considering Big Data information inputs. Soft Computing, 2022, 26, 2981-2999.	3.6	10
12	Solving the Logistics Companies'™ Development Problems Using Information Technology. Lecture Notes in Networks and Systems, 2022, , 790-798.	0.7	1
13	Establishing a Novel Algorithm for Highly Responsive Storage Space Allocation Based on NAR and Improved NSGA-III. Complexity, 2022, 2022, 1-12.	1.6	1
14	Measuring the Supply Chain Performance of the Floricultural Sector Using the SCOR Model and a Multicriteria Decision-Making Method. Horticulturae, 2022, 8, 168.	2.8	8
15	Influence of blockchain technology in SME internationalization: Evidence from high-tech SMEs in India. Technovation, 2022, 115, 102518.	7.8	24
16	Blockchain in supply chain management: a grounded theory-based analysis. Kybernetes, 2023, 52, 1425-1444.	2.2	4
17	Success Management " From theory to practice. International Journal of Project Management, 2022, 40, 481-498.	5.6	19
18	A review of supply chain coordination management based on bibliometric data. AEJ - Alexandria Engineering Journal, 2022, 61, 10837-10850.	6.4	10
19	Big data utilisation and its effect on supply chain resilience in Emirati companies. International Journal of Logistics Research and Applications, 2023, 26, 1334-1358.	8.8	8

#	ARTICLE	IF	CITATIONS
20	Subsidy and pricing strategies of an agri-food supply chain considering the application of Big Data and blockchain. <i>RAIRO - Operations Research</i> , 2022, 56, 1995-2014.	1.8	8
21	From Industry 4.0 to Supply Chain 4.0: A Systematic Review. , 0, , .		0
22	Artificial intelligence-driven risk management for enhancing supply chain agility: A deep-learning-based dual-stage PLS-SEM-ANN analysis. <i>International Journal of Production Research</i> , 0, , 1-21.	7.5	45
23	Enhancing Digital Innovation for the Sustainable Transformation of Manufacturing Industry: A Pressure-State-Response System Framework to Perceptions of Digital Green Innovation and Its Performance for Green and Intelligent Manufacturing. <i>Systems</i> , 2022, 10, 72.	2.3	100
24	Blockchain Technology in Operations & Supply Chain Management: A Content Analysis. <i>Sustainability</i> , 2022, 14, 6192.	3.2	22
25	Blockchain Adoption for Sustainable Supply Chain Management: Economic, Environmental, and Social Perspectives. <i>Frontiers in Energy Research</i> , 0, 10, .	2.3	29
26	Sustainable Manufacturing Evaluation Based on Enterprise Industry 4.0 Technologies. <i>Sustainability</i> , 2022, 14, 7376.	3.2	2
27	Interactive Design and Management Method of Art Teaching System in Colleges and Universities under the Background of Big Data. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-10.	1.1	1
28	Blockchain and Artificial Intelligence Feasibility, Implementation and Sustainability in Supply Chain. , 2022, , .		5
29	Uncovering dimensions of the impact of blockchain technology in supply chain management. <i>Operations Management Research</i> , 2023, 16, 99-125.	8.5	12
30	Lean supply chain management and Industry 4.0 interrelationships: the status quo and future perspectives. <i>International Journal of Lean Six Sigma</i> , 2023, 14, 335-367.	3.3	9
31	Information technology-driven operational decisions in a supply chain with random demand disruption and reference effect. <i>Computers and Industrial Engineering</i> , 2022, 171, 108377.	6.3	9
32	Transportation planning for sustainable supply chain network using big data technology. <i>Information Sciences</i> , 2022, 609, 781-798.	6.9	26
33	Gyan Fresh: Digital Transformation of Dairy Business with Resilience and Technology Innovation. <i>FIIB Business Review</i> , 2023, 12, 20-30.	3.1	6
34	Quantitative Analysis and Research on the Multicast Algorithm of Distributed Blockchain-oriented e-commerce System in Village Revitalization. , 2022, , .		0
35	The role of big data analytics and decision-making in achieving project success. <i>Journal of Engineering and Technology Management - JET-M</i> , 2022, 65, 101697.	2.7	12
37	Big Data Logistics Service Supply Chain Innovation Model Based on Artificial Intelligence and Blockchain. <i>Mobile Information Systems</i> , 2022, 2022, 1-9.	0.6	1
38	Blockchain in sustainable supply chain management: an application of the analytical hierarchical process (AHP) methodology. <i>Business Process Management Journal</i> , 2022, 28, 1277-1300.	4.2	14

#	ARTICLE	IF	CITATIONS
39	An Overview of Technologies for Improving Storage Efficiency in Blockchain-Based IIoT Applications. Electronics (Switzerland), 2022, 11, 2513.	3.1	4
40	A data-driven, comparative review of the academic literature and news media on blockchain-enabled supply chain management: Trends, gaps, and research needs. Computers in Industry, 2022, 143, 103769.	9.9	15
41	The Role of Big Data Analytics and Decision-Making in Achieving Project Success. SSRN Electronic Journal, 0, , .	0.4	0
42	Sustainability and the Digital Supply Chain. , 2022, , 1-20.		0
43	Power Battery Echelon Utilization and Recycling Strategy for New Energy Vehicles Based on Blockchain Technology. Sustainability, 2022, 14, 11835.	3.2	1
44	Blockchain-Based Supply Chain System in Automotive Industry for Small-and Medium-Sized Manufacturing. , 2023, , 151-171.		1
46	Evolution of digital transformation in traditional enterprises: evidence from China. Technology Analysis and Strategic Management, 0, , 1-21.	3.5	7
47	The implications of blockchain-coordinated information sharing within a supply chain: A simulation study. Blockchain: Research and Applications, 2023, 4, 100110.	6.7	4
48	Blockchain Teknolojisi ve Sürdürülebilir Lojistik: Dönüştürülebilir Ekonomik Entegrasyonu. , 0, , .		0
49	Fulfilment of last-mile urban logistics for sustainable and inclusive smart cities: a case study conducted in Portugal. International Journal of Logistics Research and Applications, 0, , 1-28.	8.8	4
50	The Interaction between Dual Sourcing and Blockchain Adoption under Yield Uncertainty. IFAC-PapersOnLine, 2022, 55, 1998-2004.	0.9	0
51	A Machine Learning Algorithm for Supplier Credit Risk Assessment Based on Supply Chain Management. International Transactions on Electrical Energy Systems, 2022, 2022, 1-11.	1.9	6
52	Blockchain technology: Applied to big data in collaborative edges. Measurement: Sensors, 2022, 24, 100521.	1.7	15
53	Analysis of a maritime transport chain with information asymmetry and disruption risk. Ocean and Coastal Management, 2023, 231, 106405.	4.4	5
54	Blockchain Technology for Supply Chain Resilience. , 2022, , .		2
55	Knowledge Mapping Visualization Analysis of Research on Blockchain in Management and Economics. Sustainability, 2022, 14, 14971.	3.2	4
56	Blockchain technology in supply chain management: an organizational theoretic overview and research agenda. Annals of Operations Research, 0, , .	4.1	13
57	Improving Supply Chain Management Performance with Blockchain Technology. , 2023, , 327-344.		1

#	ARTICLE	IF	CITATIONS
58	Influence of big data analytical capability on new product performance – the effects of collaboration capability and team collaboration in high-tech firm. Chinese Management Studies, 2024, 18, 1-23.	1.4	1
59	Enhancing supply chain flows through blockchain: a comprehensive literature review. International Journal of Production Research, 2023, 61, 4503-4524.	7.5	7
60	Public versus private information: The impact of quality information sharing on competition under different channel structures. Computers and Industrial Engineering, 2023, 176, 108937.	6.3	3
61	The role of technology in supply chain decarbonisation: towards an integrated conceptual framework. Supply Chain Management, 2023, 28, 803-824.	6.4	9
62	Cases of application of blockchain on the supply chain: a literature review. Procedia Computer Science, 2023, 217, 1416-1426.	2.0	6
63	Technical challenges of blockchain technology for sustainable manufacturing paradigm in Industry 4.0 era using a fuzzy decision support system. Technological Forecasting and Social Change, 2023, 188, 122275.	11.6	20
64	Managing the supply chain. , 2023, , 101-152.		3
65	Explore the Application of Big Data Technology in Modern Enterprise Logistics Management. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 150-161.	0.7	3
66	The influence of carbon emission reduction instruments on blockchain technology adoption in recycling batteries of the new energy vehicles. International Journal of Production Research, 2024, 62, 891-908.	7.5	3
67	A blockchain-based data-driven trustworthy approval process system. International Journal of Information Management Data Insights, 2023, 3, 100162.	9.7	8
68	Integration of blockchain-enabled closed-loop supply chain and robust product portfolio design. Computers and Industrial Engineering, 2023, 179, 109211.	6.3	20
69	Impact of Government Subsidies, Competition, and Blockchain on Green Supply Chain Decisions. Sustainability, 2023, 15, 3633.	3.2	3
70	Mapping the Landscape of Blockchain Technology Knowledge: A Patent Co-Citation and Semantic Similarity Approach. Systems, 2023, 11, 111.	2.3	2
71	Sürdürülebilir İşletmeler İçin Yeni Bir Blok Zinciri Teknolojisi Üzerine Sistematik Bir İnceleme. İzmir İktisat Dergisi, 0, , .	0.6	0
72	Logistics 4.0 in the agri-food supply chain with blockchain: a case study. International Journal of Logistics Research and Applications, 0, , 1-21.	8.8	1
73	Application and Research of Logistics Information Platform Based on Blockchain Technology. , 2022, , .		0
74	Blockchain in Supply Chain Management. Studies in Big Data, 2023, , 61-98.	1.1	0
75	TruCert: Blockchain-based trustworthy product certification within autonomous automotive supply chains. Computers and Electrical Engineering, 2023, 109, 108738.	4.8	6

#	ARTICLE	IF	CITATIONS
76	Moderating Role of Supplier Coordination Level in Relation to Data-Driven Supply Chain and Supply Chain Coordination Capability. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2023, , 254-272.	0.4	0
77	The role of blockchain technology in the sustainability of supply chain management: Grey based dematel implementation. <i>Cleaner Logistics and Supply Chain</i> , 2023, 8, 100113.	6.0	6
78	Supply Chain Scheduling Method for the Coordination of Agile Production and Port Delivery Operation. <i>Mathematics</i> , 2023, 11, 3276.	2.2	0
79	Blockchain Technology Based Privacy Protection Scheme for Large-Scale Distributed Systems. , 2023, , .		0
80	Freshness-Keeping Strategy of Logistics Service Providers: The Role of the Interaction between Blockchain and Overconfidence. <i>Mathematics</i> , 2023, 11, 3723.	2.2	2
81	Achieving competitive advantage through technology-driven proactive supply chain risk management: an empirical study. <i>Annals of Operations Research</i> , 2024, 332, 149-190.	4.1	1
82	Post-pandemic opportunities for&B green supply chains and&supply chain viability: the moderate effect of blockchains and&big data analytics. <i>European Journal of Innovation Management</i> , 0, , .	4.6	1
83	Logistics Flow Improvement in a Leather Goods Industry. <i>Lecture Notes in Mechanical Engineering</i> , 2024, , 1066-1073.	0.4	0
84	Exploring Big Data Usage to Predict Supply Chain Effectiveness: A Moderated and Mediated Model Linkage. <i>Global Business Review</i> , 0, , .	3.1	0
85	Blockchain adoption for sustainable development in developing countries: Challenges and opportunities in the banking sector. <i>International Journal of Information Management Data Insights</i> , 2023, 3, 100199.	9.7	4
86	Sustainable and Smart Supply Chains in China. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2023, , 179-197.	0.4	4
87	No-one left behind: An open access approach to estimating the carbon footprint of a Danish clothing company. <i>Journal of Cleaner Production</i> , 2023, 426, 139126.	9.3	2
88	The impact of intelligent manufacturing on labor productivity: An empirical analysis of Chinese listed manufacturing companies. <i>International Journal of Production Economics</i> , 2024, 267, 109070.	8.9	7
90	Decarbonization investment in a supply chain with a retail platform based on blockchain technology. <i>Annals of Operations Research</i> , 0, , .	4.1	0
91	The use of virtual reality as e-training tool for dies&™ changeover in stamping presses: a case study on automotive industry. <i>International Journal of Lean Six Sigma</i> , 0, , .	3.3	0
92	Advancing sustainable financial management in greening companies through big data technology innovation. <i>Environmental Science and Pollution Research</i> , 0, , .	5.3	0
93	Blockchain adoption in supply chains: implications for sustainability. <i>Production Planning and Control</i> , 0, , 1-24.	8.8	0
94	Assessing and managing risks in the oil and gas industry with machine learning and digital technologies. <i>E3S Web of Conferences</i> , 2024, 474, 02011.	0.5	0

#	ARTICLE	IF	CITATIONS
95	The relationship between information processing capabilities, Net-Zero capability and supply chain performance. Supply Chain Management, 2024, 29, 351-370.	6.4	0
96	Sustainability and the Digital Supply Chain. , 2024, , 1467-1485.		0
97	Logistics outsourcing strategy with online freight platforms. Omega, 2024, 125, 103042.	5.9	0
98	Big Data-Driven Digital Economic Industry Based on Innovation Path of Manufacturing. IEEE Access, 2024, 12, 24104-24115.	4.2	0
99	Blockchain and agricultural sustainability in South America: a systematic review. Frontiers in Sustainable Food Systems, 0, 8, .	3.9	0
100	Development of Open Education Resources to Teach Oral History: Perspectives of a Sports Heritage-Engaged Scholarship Initiative in Gauteng, South Africa. Mousaion South African Journal of Information Studies, 2024, 42, .	0.1	0
101	Dynamic game strategies and coordination of closed-loop supply chain considering product remanufacturing and goodwill in the big data environment. Environment, Development and Sustainability, 0, , .	5.0	0
102	Promoting blockchain technology in low-carbon management to achieve firm performance from a socio-economic perspective: Empirical evidence from China. Journal of Cleaner Production, 2024, 448, 141686.	9.3	0
103	A Review on Environmental Parameters Monitoring Systems for Power Generation Estimation from Renewable Energy Systems. BioNanoScience, 0, , .	3.5	0