Supplementary File S3. Coding Results and Included Studies List

Table S1. Coding results for studies included in the DT–SCR meta-analysis

Author-year	DT dimension	SCR dimension	Firm size	Firm age	Industry type	Development level	Power Distance	Individualism	Uncertainty Avoidance	Long-Term Orientation	*N*
A.S and Ramanathan	Capa	Overall	Large	Mature	Mixed	Developing	NA	NA	NA	NA	313
Abdalatif and Yamin	Capa	Overall	NA	NA	Mixed	Developing	NA	NA	NA	NA	329
Abdulameer and Ibrahim	Tech	Overall	Large	Mature	Manu	Developing	NA	NA	NA	NA	426
Abourokbah et al. (2023)	Capa	Overall	Large	Mature	Mixed	Developing	NA	NA	NA	NA	116
Ahatsi and Olanrewaju	Tech	Overall	NA	NA	Mixed	MIX	MIX	MIX	MIX	MIX	200
Ahmed et al. (2025)	Capa/Tech	Overall	SME	NA	Manu	Developing	Low	Low	High	Low	261
Akhtar et al. (2024)	Combined	Reactive	SME	NA	Services	Developing	High	Low	Low	NA	157
Alfaqiyah et al. (2025)	Tech	Overall	SME	Mature	Manu	Developing	High	Low	High	Low	273
Alhaderi (2025)	Capa	Overall	NA	NA	Mixed	Developing	NA	NA	NA	NA	329
Alheet (2026)	Tech	Overall	NA	NA	Manu	Developing	NA	NA	NA	NA	415
Ali et al. (2025)	Combined	Overall	NA	NA	Manu	Developing	High	Low	High	NA	261
Ali Shah Banuri et al.	Tech	Overall	SME	NA	Mixed	Developing	Low	Low	High	Low	132
Almheiri et al. (2025)	Capa	Overall	Large	NA	Mixed	Developing	NA	NA	NA	NA	400
Alsmairat (2023)	Capa	Overall	NA	NA	NA	Developing	NA	NA	NA	NA	340
Alvarenga et al. (2023)	Tech	Reactive	SME	NA	Mixed	MIX	NA	NA	NA	NA	257
Aziz and Qazi (2026)	Capa/Tech	Overall	NA	NA	Manu	Developing	High	Low	Low	High	316
Bag et al. (2023)	Capa	Overall	NA	NA	Mixed	MIX	NA	NA	NA	Low	224
Bag et al. (2024)	Capa	Overall	NA	NA	Services	MIX	NA	NA	NA	Low	190
Bahrami and Shokouhyar	Capa	Reactive	Large	NA	Mixed	Developing	High	High	High	Low	167
Bahrami et al. (2022)	Capa	Reactive	Large	NA	Manu	Developing	High	High	High	Low	187
Barhmi et al. (2024)	Capa	Reactive	SME	NA	Manu	Developing	High	High	High	NA	200
Barhmi and Laghzaoui	Capa	Overall	SME	NA	Manu	Developing	High	High	High	Low	203
Belhadi et al. (2024)	Capa	Overall	NA	NA	Mixed	MIX	NA	NA	NA	NA	279
Ceptureanu et al. (2025)	Tech	Overall	SME	NA	Manu	Developing	High	Low	High	Low	197
Chatterjee et al. (2024)	Tech	Overall	Large	NA	NA	Developing	High	High	Low	Low	318
Dai et al. (2024)	Capa	Overall	Large	Mature	Manu	Developing	High	Low	Low	High	170

Dakhli et al. (2026)	Capa	Overall	NA	NA	Mixed	Developing	High	High	High	Low	250
Deng et al. (2025)	Capa/Tech	Overall	NA	NA	Manu	Developing	High	Low	Low	High	366
Dennehy et al. (2021)	Capa	Overall	SME	NA	NA	MIX	NA	NA	NA	NA	135
Dey et al. (2024)	Capa	Overall	SME	NA	Manu	Developing	High	Low	Low	Low	280
Dixit et al. (2026)	Capa/Tech	Overall	SME	NA	Mixed	MIX	MIX	MIX	MIX	MIX	316
Dou et al. (2026)	Tech	Overall	NA	Mature	Manu	Developing	High	Low	Low	High	251
Dubey et al. (2021)	Capa	Reactive	Large	NA	Mixed	Developing	High	High	Low	Low	213
Dubey et al. (2023)	Capa	Overall	SME	NA	Manu	Developing	High	High	Low	Low	203
El Baz and Ruel (2024)	Capa	Overall	SME	Mature	Mixed	Advanced	High	High	High	High	199
Faruquee et al. (2021)	Combined	Overall	Large	Mature	Manu	Advanced	NA	NA	NA	NA	291
Li et al. (2022)	Capa	Proactive/Reactive	Large	Mature	Manu	Developing	High	Low	Low	High	262
Gani et al. (2023)	Capa	Overall	SME	Young	Services	Developing	High	Low	High	Low	310
Gani and Mithila (2026)	Combined	Overall	SME	NA	Mixed	Developing	High	High	Low	Low	201
Gu et al. (2021)	Capa	Overall	Large	NA	Manu	Developing	High	Low	Low	High	206
Gupta et al. (2022)	Tech	Reactive	NA	NA	Mixed	Developing	High	High	Low	Low	190
Hamdy (2024)	Combined	Overall	Large	NA	Manu	Developing	NA	NA	NA	NA	311
Hossain et al. (2025)	Tech	Overall	SME	NA	Manu	Developing	High	Low	High	Low	200
Huang et al. (2023)	Tech	Reactive	Large	Mature	Manu	Developing	High	Low	Low	High	408
Hussain et al. (2026)	Capa	Overall	Large	NA	Manu	MIX	MIX	MIX	MIX	MIX	325
Iftikhar et al. (2023)	Capa	Overall	Large	NA	Mixed	Developing	Low	Low	High	Low	166
Iftikhar et al. (2025)	Capa	Overall	Large	NA	Manu	Developing	Low	Low	High	NA	188
Jafari et al. (2026)	Capa/Tech	Overall	SME	Mature	Mixed	Developing	High	High	High	Low	189
Jiang et al. (2025)	Capa	Proactive/Reactive	Large	NA	Manu	Developing	High	Low	Low	High	277
Ju et al. (2021)	Combined	Proactive/Reactive	SME	Young	Services	Developing	High	Low	Low	High	278
Jum'a et al. (2025)	Combined	Overall	SME	NA	Manu	Developing	NA	NA	NA	NA	374
Kang et al. (2024)	Capa	Overall	NA	NA	Manu	Advanced	High	Low	High	High	76
Khan et al. (2025)	Tech	Overall	SME	NA	Manu	Developing	Low	Low	High	Low	326
Kitcharoen (2025)	Combined	Overall	SME	NA	Services	Developing	High	Low	High	Low	415
Kokkinou et al. (2025)	Tech	Proactive/Reactive	Large	NA	Mixed	MIX	MIX	MIX	MIX	MIX	175
Kong and Feng (2025)	Capa	Reactive	Large	NA	Manu	Developing	High	Low	Low	High	277
Li et al. (2022)	Combined	Overall	Large	Mature	Manu	Developing	High	Low	Low	High	162

Le and Behl (2024)	Capa	Overall	SME	Mature	Manu	Developing	High	Low	Low	Low	477
Lee et al. (2024)	Capa	Overall	SME	Mature	Manu	Developing	High	Low	Low	Low	308
Leoni et al. (2022)	Tech	Overall	Large	NA	Mixed	Advanced	Low	High	High	Low	120
Li et al. (2023)	Tech	Overall	Large	NA	Manu	Developing	High	Low	Low	High	290
Li et al. (2025)	Tech	Reactive	NA	NA	Mixed	Developing	High	Low	Low	High	285
Lin et al. (2024)	Combined	Overall	SME	NA	Manu	Developing	High	Low	Low	High	121
Liu et al. (2023)	Capa	Overall	Large	NA	Manu	Developing	High	Low	Low	High	260
Liu et al. (2024)	Tech	Proactive/Reactive	NA	NA	Mixed	Developing	High	Low	Low	High	317
Lu et al. (2026)	Tech	Reactive	NA	NA	Mixed	Developing	High	Low	Low	High	287
Mandal (2019a)	Capa	Reactive	NA	NA	Services	Developing	High	High	Low	Low	221
Mandal (2019b)	Capa	Proactive/Reactive	NA	NA	Mixed	Developing	High	High	Low	Low	249
Mandal (2020)	Capa	Overall	NA	NA	Mixed	Developing	High	High	Low	Low	176
Manikas et al. (2023)	Capa	Proactive/Reactive	NA	NA	NA	MIX	NA	NA	NA	NA	128
Mehmood et al. (2026)	Tech	Reactive	NA	Mature	Manu	Developing	High	Low	Low	High	409
Metwally et al. (2024)	Tech	Reactive	NA	NA	Manu	Developing	NA	NA	NA	NA	292
Mohamed et al. (2023)	Tech	Overall	SME	NA	Services	Developing	NA	NA	NA	NA	603
Munir et al. (2022)	Capa	Overall	Large	NA	Manu	Developing	Low	Low	High	Low	206
Nakandala et al. (2023)	Capa	Overall	SME	Mature	Mixed	Advanced	Low	High	High	Low	117
Nakandala et al. (2024)	Capa	Overall	NA	NA	Mixed	Advanced	Low	High	High	Low	626
Nath and Sulthana (2025)	Tech	Proactive/Reactive	NA	NA	Manu	Developing	High	High	Low	Low	200
Nayal et al. (2024)	Capa	Overall	SME	Mature	Mixed	Developing	High	High	Low	Low	310
Ngo et al. (2026)	Capa	Proactive	NA	NA	Mixed	Developing	High	Low	Low	Low	879
Ning et al. (2023)	Capa	Reactive	Large	Mature	Manu	Developing	High	Low	Low	High	264
Nong and Ha (2025)	Tech	Reactive	NA	NA	Mixed	Developing	High	Low	Low	Low	217
Pan et al. (2025)	Combined	Overall	NA	Mature	Manu	Developing	High	Low	Low	High	284
Pellegrino and Gaudenzi	Tech	Overall	NA	NA	Mixed	Advanced	Low	High	High	Low	164
Piprani et al. (2024)	Tech	Reactive	NA	NA	Mixed	Developing	Low	Low	High	Low	193
Piprani et al. (2025)	Capa	Overall	NA	NA	Manu	Developing	High	Low	Low	Low	123
Poku et al. (2025)	Tech	Overall	NA	Mature	Manu	Developing	NA	NA	NA	Low	247
Poku et al. (2025)	Tech	Overall	NA	Mature	Manu	Developing	NA	NA	NA	Low	247
Pu et al. (2026)	Tech	Overall	Large	Mature	Manu	Developing	High	Low	Low	High	214

Qader et al. (2022)	Tech	Overall	NA	NA	Mixed	Developing	Low	Low	High	Low	458
Rahmoune (2026)	Combined	Overall	NA	NA	Mixed	NA	NA	NA	NA	NA	120
Rezaei et al. (2022)	Capa	Reactive	NA	NA	Manu	Developing	High	High	High	Low	207
Rodriguez-Gonzalez et al.	Combined	Overall	SME	NA	Manu	Developing	High	Low	High	Low	304
Ruamchart (2023)	Combined	Reactive	SME	NA	Mixed	Developing	High	Low	High	Low	426
Sadha et al. (2024)	Capa	Reactive	NA	NA	Mixed	Developing	High	Low	High	High	104
Sadia et al. (2024)	Capa	Overall	SME	NA	Manu	Developing	High	Low	High	High	321
Samadhiya et al. (2023)	Tech	Overall	NA	NA	Services	Developing	High	High	Low	High	335
Setiawan et al. (2023)	Combined	Reactive	NA	NA	Manu	Developing	High	Low	High	High	108
Sharma et al. (2024)	Capa	Overall	SME	Mature	Services	Developing	High	High	Low	High	267
Shi et al. (2023)	Combined	Overall	NA	NA	Manu	Developing	High	Low	Low	High	96
Shokoohyar et al. (2022)	Capa	Overall	Large	NA	Mixed	Developing	High	High	High	Low	236
Singh and Singh (2019)	Capa	Overall	Large	NA	Mixed	Advanced	NA	NA	NA	High	225
Singh et al. (2023)	Capa	Overall	NA	NA	Manu	Developing	High	High	Low	High	203
Singh (2025)	Tech	Overall	NA	NA	Services	NA	NA	NA	NA	NA	267
Tetteh et al. (2024)	Capa	Reactive	NA	NA	NA	Developing	NA	NA	NA	NA	127
Tetteh and Owusu	Combined	Overall	NA	NA	Manu	Developing	NA	NA	NA	NA	311
Tiwari (2026)	Tech	Overall	NA	NA	Services	Developing	High	High	Low	Low	229
Tortorella et al. (2024)	Tech	Proactive/Reactive	Large	NA	Services	MIX	NA	NA	NA	NA	179
Tran et al. (2026)	Tech	Overall	NA	NA	Manu	Developing	High	Low	Low	Low	379
Ul Akram et al. (2024)	Capa	Overall	NA	NA	Manu	Advanced	NA	NA	NA	NA	282
Wang et al. (2024)	Combined	Overall	SME	NA	Mixed	Developing	High	Low	Low	High	570
Wu et al. (2024)	Combined	Overall	Large	NA	Manu	Developing	High	Low	Low	High	257
Xie et al. (2026)	Tech	Overall	NA	NA	Manu	Developing	High	Low	Low	High	231
Xu et al. (2024)	Combined	Overall	NA	NA	Mixed	Developing	High	Low	Low	High	2486
Yamin et al. (2024)	Capa	Overall	NA	NA	Manu	Developing	NA	NA	NA	NA	221
Yang et al. (2024)	Capa	Overall	Large	Mature	Mixed	Developing	High	Low	Low	High	249
Yao et al. (2026)	Capa	Overall	NA	NA	Manu	Developing	High	Low	Low	High	245
Yasin et al. (2025)	Tech	Proactive/Reactive	NA	NA	Mixed	Developing	NA	NA	NA	NA	255
Yuan et al. (2024)	Combined	Overall	SME	NA	NA	Developing	High	Low	Low	High	216
Yue et al. (2025)	Tech	Proactive/Reactive	NA	NA	Manu	Developing	High	Low	Low	High	285

Zhang (2025)	Combined	Overall	NA	NA	Services	Developing	High	Low	Low	High	212
Zhao et al. (2023)	Combined	Proactive/Reactive	Large	NA	Manu	Developing	High	Low	Low	High	210
Zhou et al. (2023)	Combined	Reactive	SME	Mature	Mixed	Developing	High	Low	Low	High	215
Zhou et al. (2024)	Combined	Overall	NA	Mature	Mixed	Developing	High	Low	Low	High	371
Zouari et al. (2021)	Tech	Overall	SME	NA	Mixed	Advanced	High	High	High	High	300

Note: Capa = digital capabilities; Tech = digital technologies; Combined = measures including both technology and capability dimensions or measures that did not clearly distinguish between them; SCR = supply chain resilience; SME = small and medium-sized enterprises; Manu = manufacturing; NA = not available or not reported; Mixed = mixed or unclear sample category.

Table S2. Coding results for studies included in the SCR–PERF meta-analysis

Author-year	N	Firm performance
Abdulameer and Ibrahim (2026)	426	Overall Performance
Abeysekara et al. (2019)	89	Overall Performance
Afraz et al. (2021)	210	Operational Performance
Alhaderi (2025)	329	Overall Performance
Alheet (2026)	415	Overall Performance
Ali and Gossaye (2023)	248	Operational Performance
Ali et al. (2018)	249	Overall Performance
Ali et al. (2022)	231	Market Performance
Ali et al. (2025)	261	Financial Performance
Almheiri et al. (2025)	400	Market Performance
Alshahrani and Salam (2022)	255	Operational Performance
Alshurideh et al. (2023)	303	Operational Performance
Alsmairat et al. (2023)	255	Operational Performance
Altay et al. (2018)	335	Operational Performance
Alvarenga et al. (2023)	290	Operational Performance
Asamoah et al. (2020)	110	Market Performance
Bahrami and Shokouhyar (2022)	167	Overall Performance
Barhmi (2023)	160	Operational Performance
Belhadi et al. (2021)	279	Operational Performance
Bhuiyan et al. (2025)	336	Overall Performance
Birkie and Trucco (2020)	71	Overall Performance
Can Saglam et al. (2020)	127	Financial Performance
Can Saglam et al. (2022)	156	Operational Performance
Chatterjee et al. (2023)	312	Operational Performance
Chotia et al. (2026)	290	Overall Performance
Chowdhury and Quaddus (2016)	272	Overall Performance

Chowdhury et al. (2019)	274	Overall Performance
Chowdhury et al. (2023)	274	Overall Performance
Chunsheng et al. (2020)	203	Financial Performance
Cui et al. (2023)	322	Overall Performance
Dat et al. (2026)	555	Overall Performance
Dickens et al. (2023)	298	Overall Performance
Dixit et al. (2026)	316	Overall Performance
Dou et al. (2026)	251	Market Performance
Dubey et al. (2021)	213	Overall Performance
El Baz et al. (2023)	289	Financial Performance
Ferdy et al. (2026)	210	Overall Performance
Gani and Mithila (2026)	201	Overall Performance
Gölgeci and Kuivalainen (2020)	265	Financial Performance
Gonul Kochan et al. (2026)	174	Operational Performance
Gu et al. (2021)	206	Operational Performance
Guo et al. (2025)	1914	Financial Performance
Gupta et al. (2022)	190	Operational Performance
Hadi and Herianingrum (2020)	280	Overall Performance
Haldar et al. (2026)	194	Overall Performance
Hasanein et al. (2026)	325	Market Performance
Hendijani and Norouzi (2023)	94	Operational Performance
Hsieh et al. (2023)	416	Operational Performance
Hussain et al. (2023)	214	Operational Performance
Iftikhar et al. (2025)	188	Financial Performance
Inman et al. (2024)	184	Operational Performance
Juan and Li (2023)	158	Financial Performance
Juan et al. (2022)	113	Overall Performance
Jum'a et al. (2025)	374	Overall Performance

Junaid et al. (2023)	325	Operational Performance
Kedzia and Staniec (2022)	500	Overall Performance
Khan et al. (2025)	326	Overall Performance
Kitcharoen (2025)	415	Operational Performance
Kumar and Anbanandam (2020)	112	Financial Performance
Kumar and Raj (2025)	1891	Overall Performance
Kumar et al. (2023)	199	Operational Performance
Kwak et al. (2018)	174	Operational Performance
Laguir et al. (2023)	405	Operational Performance
Leoni et al. (2022)	120	Overall Performance
Li and Liu (2023)	349	Operational Performance
Li et al. (2017)	77	Financial Performance
Liu et al. (2018)	253	Overall Performance
Mandal (2017)	155	Operational Performance
Mandal and Dubey (2020)	302	Operational Performance
Mishra et al. (2023)	237	Overall Performance
Mohamed et al. (2023)	603	Operational Performance
Mukherjee et al. (2023)	312	Operational Performance
Nath and Sulthana (2025)	200	Operational Performance
Nguyen et al. (2021)	389	Overall Performance
Nong and Ha (2025)	217	Market Performance
Piprani et al. (2025)	143	Overall Performance
Pu et al. (2023)	326	Operational Performance
Pu et al. (2023)	305	Financial Performance
Qader et al. (2022)	458	Financial Performance
Rana et al. (2025)	252	Operational Performance
Rezaei et al. (2022)	450	Overall Performance
Riaz et al. (2025)	510	Overall Performance

Rodríguez-González et al. (2023)	304	Overall Performance
Shaikh and Ahmed (2022)	144	Overall Performance
Srimarut and Mekhum (2020)	302	Financial Performance
Stentoft et al. (2023)	174	Financial Performance
Sturm et al. (2022)	89	Financial Performance
Sturm et al. (2023)	168	Financial Performance
Tetteh and Owusu Kwateng (2026)	300	Overall Performance
Tran et al. (2026)	379	Overall Performance
Tukamuhabwa (2023)	247	Operational Performance
Wang et al. (2026)	264	Financial Performance
Wieland and Wallenburg (2013)	270	Market Performance
Wong et al. (2020)	203	Financial Performance
Xie et al. (2022)	422	Operational Performance
Yamin (2021)	309	Operational Performance
Yang and Hsu (2018)	285	Operational Performance
Yang and Zhang (2025)	240	Market Performance
Yasin et al. (2025)	255	Operational Performance
Yimer et al. (2026)	306	Financial Performance
Yu et al. (2019)	241	Financial Performance
Zhou et al. (2022)	216	Financial Performance
Zhou et al. (2023)	215	Operational Performance
Zhu and Wu (2022)	200	Overall Performance

References for Included Studies

A.S, B., & Ramanathan, U. (2021). The role of digital technologies in supply chain resilience for emerging markets' automotive sector. *Supply Chain Management: An International Journal*, *26*(6), 654-671. https://doi.org/10.1108/SCM-07-2020-0342

Abdalatif, O. A., & Yamin, M. A. (2022). Enhancing Value Co-Creation Through the Lens of DART Model, Innovation, and Digital Technology: An Integrative Supply Chain Resilient Model. *MARKETING AND MANAGEMENT OF INNOVATIONS*, *13*(4), 30-44. https://doi.org/10.21272/mmi.2022.4-04

Abdulameer, S. S., & Ibrahim, Y. M. (2025). Nexus Industry 4.0 technologies and sustainable performance in the manufacturing industry with circular economy, supply chain integration, resilience and environmental dynamism. Journal of Manufacturing Technology Management, 37(2), 367?386. https://doi.org/10.1108/jmtm-05-2025-0412

Abeysekara, N., Wang, H., & Kuruppuarachchi, D. (2019). Effect of supply-chain resilience on firm performance and competitive advantage: A study of the Sri Lankan apparel industry. *Business Process Management Journal*, *25*(7), 1673-1695.

Abourokbah, S. H., Mashat, R. M., & Salam, M. A. (2023). Role of Absorptive Capacity, Digital Capability, Agility, and Resilience in Supply Chain Innovation Performance. *Sustainability*, *Vol.15*(No.4), 3636. https://doi.org/10.3390/su15043636

Afraz, M. F., Bhatti, S. H., Ferraris, A., & Couturier, J. (2021). The impact of supply chain innovation on competitive advantage in the construction industry: Evidence from a moderated multi-mediation model. *Technological Forecasting and Social Change*, *Vol.162*, 1-12. https://doi.org/10.1016/j.techfore.2020.120370

Ahatsi, E., & Olanrewaju, O. A. (2025). Enhancing Humanitarian Supply Chain Resilience: Evaluating Artificial Intelligence and Big Data Analytics in Two Nations. Logistics, 9(2), 64. https://doi.org/10.3390/logistics9020064

Ahmed, A., Bhatti, S. H., El Baz, J., Wasim, M., & Ferraris, A. (2025). The impact of digital technologies and capabilities on supply chain resilience through digital agility: An empirical investigation of manufacturing enterprises. European Management Review. Advance online publication. https://doi.org/10.1111/emre.70029

Akhtar, P., Ghouri, A. M., Saha, M., Khan, M. R., Shamim, S., & Nallaluthan, K. (2024). Industrial Digitization, the Use of Real-Time Information, and Operational Agility: Digital and Information Perspectives for Supply Chain Resilience. *Ieee Transactions on Engineering Management*, *Vol.71*, 1-11. https://doi.org/10.1109/tem.2022.3182479

Alfaqiyah, E., Alzubi, A., Aljuhmani, H. Y., & Öz, T. (2025). How Industry 4.0 Technologies Enhance Supply Chain Resilience: The Interplay of Agility, Adaptability, and Customer Integration in Manufacturing Firms. Sustainability, 17(17), 7922. https://doi.org/10.3390/su17177922

Alhaderi, S. M. (2025). The Interaction of Diversification Strategies, Resilience, and Digital Capabilities in Driving Supply Chain Sustainability in Saudi Arabia. Sustainability, 17(18), 8299. https://doi.org/10.3390/su17188299

Alheet, A. F. (2026). AI-Driven Metaverse Integration for Sustainable Manufacturing: The Mediating Role of Digital Supply Chain Resilience in Jordan's Industrial Sector. Logistics, 10(1), 15. https://doi.org/10.3390/logistics10010015

Ali Shah Banuri, S. R., Khurshid, A., Sajid, A., & Hanif, M. S. (2026). Rebooting resilience: examining the role of digital technology and top management support in supply chain performance. Future Business Journal, 12(1), 55. https://doi.org/10.1186/s43093-026-00762-4

Ali, E., & Gossaye, W. (2023). The effects of supply chain viability on supply chain performance and marketing performance in case of large manufacturing firm in Ethiopia.

Brazilian Journal of Operations & Production Management, *Vol.20*(No.2), 1-17. https://doi.org/10.14488/bjopm.1535.2023

Ali, I., Nagalingam, S., & Gurd, B. (2018). A resilience model for cold chain logistics of perishable products. *The International Journal of Logistics Management*, *29*(3), 922-941. https://doi.org/10.1108/ijlm-06-2017-0147

Ali, S. I., Surucu-Balci, E., & Balci, G. (2025). Enhancing supply chain resilience and economic performance through Industry 4.0 and ESG integration: the mediating role of sustainable practices. Journal of Enterprise Information Management, 39(4), 1429?1463. https://doi.org/10.1108/jeim-05-2025-0361

Almheiri, R. K., Jabeen, F., Kazi, M., & Santoro, G. (2025). Big data analytics and competitive performance: the role of environmental uncertainty, managerial support and data-driven culture. Management of Environmental Quality: An International Journal, 36(5), 1071?1094. https://doi.org/10.1108/meq-08-2024-0361

Alshahrani, M. A., & Salam, M. A. (2022). The Role of Supply Chain Resilience on SMEs' Performance: The Case of an Emerging Economy. *Logistics*, *Vol.6*(No.3), 47. https://doi.org/10.3390/logistics6030047

Alshurideh, M. T., Alquqa, E. K., Alzoubi, H. M., Al Kurdi, B., & Alhamad, A. (2023). The impact of cyber resilience and robustness on supply chain performance: Evidence from the UAE chemical industry. *Uncertain Supply Chain Management*, *11*(1), 187-194.

Alsmairat, M. A. K. (2023). Big data analytics capabilities, SC innovation, customer readiness, and digital SC performance: the mediation role of SC resilience. *International Journal of Advanced Operations Management*, *Vol.15*(No.1), 82-97. https://doi.org/10.1504/ijaom.2023.129525

Alsmairat, M. A. K., Mushtaha, A. S., & Hammad, M. S. A. (2023). Understanding the Relationship between Supply Chain Risk and Lean Operations Performance. *Polish Journal of Management Studies*, *27*(1), 7-25. https://doi.org/10.17512/pjms.2023.27.1.01

Altay, N., Gunasekaran, A., Dubey, R., & Childe, S. J. (2018). Agility and resilience as antecedents of supply chain performance under moderating effects of organizational culture within the humanitarian setting: a dynamic capability view(Article). *Production Planning and Control*, *Vol.29*(No.14), 1158-1174. https://doi.org/10.1080/09537287.2018.1542174

Alvarenga, M. Z., Oliveira, M. P. V. d., & Oliveira, T. A. G. F. d. (2023a). Let’s talk about bad experiences instead of forgetting them: An empirical study on the importance of memory for supply chain disruption management. *International Journal of Production Economics*, *Vol.261*(Suppl C), 108872. https://doi.org/10.1016/j.ijpe.2023.108872

Alvarenga, M. Z., Oliveira, M. P. V. d., & Oliveira, T. A. G. F. d. (2023b). The impact of using digital technologies on supply chain resilience and robustness: the role of memory under the covid-19 outbreak. *Supply Chain Management*, *Vol.28*(No.5), 825-842. https://doi.org/10.1108/scm-06-2022-0217

Asamoah, D., Agyei-Owusu, B., & Ashun, E. (2020). Social network relationship, supply chain resilience and customer-oriented performance of small and medium enterprises in a developing economy. *Benchmarking: An International Journal*, *Vol.27*(No.5), 1793-1813. https://doi.org/10.1108/bij-08-2019-0374

Aziz, F., & Qazi, A. (2026). Transforming supply chain resilience in smart manufacturing: unveiling the impact of technological innovation through cIPMA. Journal of Enterprise Information Management. Advance online publication. https://doi.org/10.1108/jeim-11-2025-1185

Bag, S., Dhamija, P., Luthra, S., & Huisingh, D. (2023). How big data analytics can help manufacturing companies strengthen supply chain resilience in the context of the COVID-19 pandemic. *International Journal of Logistics Management*, *Vol.34*(No.4), 1141-1164. https://doi.org/10.1108/ijlm-02-2021-0095

Bag, S., Gupta, S., Gupta, S., Choi, T.-M., & Kumar, A. (2024). Roles of Innovation Leadership on Using Big Data Analytics to Establish Resilient Healthcare Supply Chains to Combat the COVID-19 Pandemic: A Multimethodological Study. *Ieee Transactions on Engineering Management*, *Vol.71*(No.71), 1-14. https://doi.org/10.1109/tem.2021.3101590

Bahrami, M., & Shokouhyar, S. (2021). The role of big data analytics capabilities in bolstering supply chain resilience and firm performance: a dynamic capability view. *Information Technology & People*, *Vol.35*(No.5), 1621-1651. https://doi.org/10.1108/itp-01-2021-0048

Bahrami, M., Shokouhyar, S., & Seifian, A. (2022). Big data analytics capability and supply chain performance: the mediating roles of supply chain resilience and innovation. *Modern Supply Chain Research and Applications*, *Vol.4*(No.1), 62-84. https://doi.org/10.1108/mscra-11-2021-0021

Barhmi, A. (2023). Risk management, robustness and resilience: mechanisms for stabilizing and improving agility performance. *Production / Produção*, *Vol.33*, 1-13. https://doi.org/10.1590/0103-6513.20220119

Barhmi, A., & Laghzaoui, S. (2025). Contribution of big data analytics to risks and disruptions mitigation and agility performance. International Journal of Information Systems and Project Management, 13(4), 1?19. https://doi.org/10.12821/ijispm130402

Barhmi, A., Slamti, F., Laghzaoui, S., & Rouijel, M. R. (2024). Digital learning, big data analytics and mechanisms for stabilizing and improving supply chain performance. *International Journal of Information Systems and Project Management*, *12*(2), 30-47. https://doi.org/10.12821/ijispm120202

Belhadi, A., Mani, V., Kamble, S. S., Khan, S. A. R., & Verma, S. (2024). Artificial intelligence-driven innovation for enhancing supply chain resilience and performance under the effect of supply chain dynamism: an empirical investigation. *Annals of Operations Research*, *333*(2), 627-652. https://doi.org/10.1007/s10479-021-03956-x

Bhuiyan, M. R. I., Akter, M. S., Amin, A., & Hossain, R. (2025). The Mediating Effect of Innovation Capabilities, Information Quality and Supply Chain Resilience in the Relationship Between Big Data Analytics Capability (BDAC) and Healthcare Performance. SAGE Open, 15(3), 21582440251362262. https://doi.org/10.1177/21582440251362262

Birkie, S. E., & Trucco, P. (2020). Do not expect others do what you should! Supply chain complexity and mitigation of the ripple effect of disruptions. *International Journal of Logistics Management*, *Vol.31*(No.1), 123-144. https://doi.org/10.1108/ijlm-10-2018-0273

Can Saglam, Y., Yildiz Cankaya, S., Golgeci, I., Sezen, B., & Zaim, S. (2022). The Role of Communication Quality, Relational Commitment, and Reciprocity in Building Supply Chain Resilience: A Social Exchange Theory Perspective. *Transportation Research: Part E: Logistics and Transportation Review*, *Vol.167*(Suppl C), 102936. https://doi.org/10.1016/j.tre.2022.102936

Can Saglam, Y., Yildiz, Ccedil, ankaya, S., & Sezen, B. (2021). Proactive risk mitigation strategies and supply chain risk management performance: an empirical analysis for manufacturing firms in Turkey. *Journal of Manufacturing Technology Management*, *Vol.32*(No.6), 1224-1244. https://doi.org/10.1108/jmtm-08-2019-0299

Ceptureanu, E. G., Ferraro, G., Ceptureanu, S. I., Lazar, R., Florescu, M., & Matei, A. (2025). Impact of artificial intelligence and blockchain on supply chain resilience under influence of change management. Soft Computing, 29(7), 3617?3625. https://doi.org/10.1007/s00500-025-10564-5

Chatterjee, S., Chaudhuri, R., & Vrontis, D. (2024). Examining the Impact of Adoption of Emerging Technology and Supply Chain Resilience on Firm Performance: Moderating Role of Absorptive Capacity and Leadership Support. *Ieee Transactions on Engineering Management*, *Vol.71*, 1-14. https://doi.org/10.1109/tem.2021.3134188

Chatterjee, S., Chaudhuri, R., Gupta, S., Mangla, S. K., & Kamble, S. (2023). Examining the influence of industry 4.0 in healthcare supply chain performance: Moderating role of environmental dynamism. *Journal of Cleaner Production*, *Vol.427*(suppl-C), 139195. https://doi.org/10.1016/j.jclepro.2023.139195

Chotia, V., Sharma, M., Alghafes, R., & Walsh, S. T. (2026). Driving business performance through green procurement policy: The power of supply chain information sharing for robust supply chain. Technovation, 149, 103358. https://doi.org/10.1016/j.technovation.2025.103358

Chowdhury, M. M. H., & Quaddus, M. (2016). Supply chain readiness, response and recovery for resilience. *Supply Chain Management-an International Journal*, *Vol.21*(No.6), 709-731. https://doi.org/10.1108/scm-12-2015-0463

Chowdhury, M. M. H., Quaddus, M., & Agarwal, R. (2019). Supply chain resilience for performance: role of relational practices and network complexities. *Supply Chain Management: An International Journal*, *Vol.24*(No.5), 659-676. https://doi.org/10.1108/scm-09-2018-0332

Chowdhury, M. M. H., Quaddus, M., & Chowdhury, M. (2023). Managing relational practices for performance improvement in a complex supply chain network: the mediating roles of proactive and reactive resilience in apparel industry of Bangladesh. *International Journal of Logistics Management*, *Vol.34*(No.1), 34-59. https://doi.org/10.1108/ijlm-12-2020-0485

Chunsheng, L., Wong, C. W. Y., Yang, C.-C., Shang, K.-C., & Lirn, T.-c. (2019). Value of supply chain resilience: roles of culture, flexibility, and integration. *International Journal of Physical Distribution & Logistics Management*, *Vol.50*(No.1), 80-100. https://doi.org/10.1108/ijpdlm-02-2019-0041

Cui, L., Jin, Z., Li, Y., & Wang, Y. (2023). Effects of control mechanisms on supply chain resilience and sustainability performance. *Australian Journal of Management*, *Vol.48*(No.2), 323-340. https://doi.org/10.1177/03128962211066532

Dai, J., Geng, R., Xu, D., Shangguan, W., & Shao, J. (2025). Unveiling the impact of the congruence between artificial intelligence and explorative learning on supply chain resilience. *International Journal of Operations and Production Management*, *Vol. 45*(No.2), 570-593. https://doi.org/10.1108/ijopm-12-2023-0990

Dakhli, I., Sedqui, A., & Derrhi, M. (2026). Digital Maturity and Supply Chain Resilience in Emerging Markets: Dynamic Capabilities as Mediators in the Industry 4.0 Transition-Evidence from Morocco. Logistics, 10(6), 133. https://doi.org/10.3390/logistics10060133

Dat, N. T., Giang, N. H., Thao, P. P., & Giang, M. H. (2026). AI-driven digital capability and green innovation strategy for sustainable supply chain performance: Adaptive and structural transformation pathways. Journal of Open Innovation: Technology, Market, and Complexity, 12(3), 100813. https://doi.org/10.1016/j.joitmc.2026.100813

Deng, W., Wang, M., Xing, S., & Jiang, Z. (2025). Influence of digital transformation on the supply chain resilience of Chinese manufacturing enterprises: a mixed-methods perspective. Journal of Business & Industrial Marketing, 40(3), 796?814. https://doi.org/10.1108/jbim-05-2024-0341

Dennehy, D., Oredo, J., Spanaki, K., Despoudi, S., & Fitzgibbon, M. (2021). Supply chain resilience in mindful humanitarian aid organizations: the role of big data analytics. *International Journal of Operations & Production Management*, *Vol.41*(No.9), 1417-1441. https://doi.org/10.1108/ijopm-12-2020-0871

Dey, P. K., Chowdhury, S., Abadie, A., Yaroson, E. V., & Sarkar, S. (2024). Artificial intelligence-driven supply chain resilience in Vietnamese manufacturing small- and medium-sized enterprises [Article]. *International Journal of Production Research*, *62*(15), 5417-5456. https://doi.org/10.1080/00207543.2023.2179859

Dickens, J. M., Anderson, J. R., Reiman, A., Uvet, H., & Nowicki, D. R. (2023). Supply chain resilience: an empirical examination of the bouncing back or forward phenomenon. *International Journal of Logistics Research and Applications*, *Vol.26*(No.2), 190-210. https://doi.org/10.1080/13675567.2021.1944068

Dixit, C., Kumar, R., & Kumar, A. (2026). Developing sustainable and resilient supply chain: Industry 4.0 drivers, dynamic capabilities, and performance evaluation. Production Planning & Control. Advance online publication. https://doi.org/10.1080/09537287.2025.2611895

Dou, J., Tan, C.-N.-L., Chung, H. F., & Liu, D. (2025). Blockchain-driven supply chain resilience and performance from a relational perspective: the role of inter-organizational relationship and systems adaptability. Asia Pacific Journal of Marketing and Logistics. Advance online publication. https://doi.org/10.1108/apjml-04-2025-0812

Dubey, R., Bryde, D. J., Dwivedi, Y. K., Graham, G., Foropon, C., & Papadopoulos, T. (2023). Dynamic digital capabilities and supply chain resilience: The role of government effectiveness. *International Journal of Production Economics*, *Vol.258*(Suppl C), 108790. https://doi.org/10.1016/j.ijpe.2023.108790

Dubey, R., Gunasekaran, A., Childe, S. J., Fosso Wamba, S., Roubaud, D., & Foropon, C. (2021). Empirical investigation of data analytics capability and organizational flexibility as complements to supply chain resilience. *International Journal of Production Research*, *Vol.59*(No.1), 110-128. https://doi.org/10.1080/00207543.2019.1582820

El Baz, J., & Ruel, S. (2024). Achieving social performance through digitalization and supply chain resilience in the COVID-19 disruption era: An empirical examination based on a stakeholder dynamic capabilities view. *Technological Forecasting and Social Change*, *Vol.201*, 123209. https://doi.org/10.1016/j.techfore.2024.123209

El Baz, J., Ruel, S., & Fozouni Ardekani, Z. (2023). Predicting the effects of supply chain resilience and robustness on COVID-19 impacts and performance: Empirical investigation through resources orchestration perspective. *Journal of Business Research*, *164*, 114025. https://doi.org/https://doi.org/10.1016/j.jbusres.2023.114025

Faruquee, M., Paulraj, A., & Irawan, C. A. (2021). Strategic supplier relationships and supply chain resilience: Is digital transformation that precludes trust beneficial? *International Journal of Operations & Production Management*, *Vol.41*(No.7), 1192-1219. https://doi.org/10.1108/ijopm-10-2020-0702

Ferdy, Kaihatu, T. S., Sutrisno, T. F. C. W., & Prasetyo, Y. T. (2026). The green digital-market innovation: How circular supply chain resilience capabilities bridge technology investment and sustainable market performance. Cleaner and Responsible Consumption, 22, 100457. https://doi.org/10.1016/j.clrc.2026.100457

Gani, M. O., & Mithila, F. A. (2026). Leveraging Digital Twin-driven Flexible Supply Chain Practice in Achieving Supply Chain Resilience and Sustainable Supply Chain Performance. Global Business Review, 27(1), 136?157. https://doi.org/10.1177/09721509261417017

Gani, M. O., Yoshi, T., & Rahman, M. S. (2023). Optimizing firm's supply chain resilience in data-driven business environment. *Journal of Global Operations and Strategic Sourcing*, *Vol.16*(No.2), 258-281. https://doi.org/10.1108/JGOSS-02-2022-0013/full/html

Gölgeci, I., & Kuivalainen, O. (2020). Does social capital matter for supply chain resilience? The role of absorptive capacity and marketing-supply chain management alignment. *Industrial Marketing Management*, *Vol.84*, 63-74. https://doi.org/10.1016/j.indmarman.2019.05.006

Gonul Kochan, C., Nowicki, D., & Glassburner, A. (2024). Understanding the influence of cloud-based information and communication technology on supply chain resilience. Benchmarking: An International Journal, 33(1), 237?263. https://doi.org/10.1108/bij-11-2023-0782

Gu, M., Yang, L., & Huo, B. (2021). The impact of information technology usage on supply chain resilience and performance: An ambidexterous view. *International Journal of Production Economics*, *Vol.232*, 107956. https://doi.org/10.1016/j.ijpe.2020.107956

Guo, H., Shen, Z., Chen, Y., & Dong, M. (2025). Analyzing the impact of government R&D subsidy and digital transformation on supply chain risk dynamics management and firm performance in the China's chip industry. International Journal of Production Economics, 281, 109524. https://doi.org/10.1016/j.ijpe.2025.109524

Gupta, S., Bag, S., Modgil, S., Beatriz Lopes de Sousa Jabbour, A., & Kumar, A. (2022). Examining the influence of big data analytics and additive manufacturing on supply chain risk control and resilience: An empirical study. *Computers & Industrial Engineering*, *Vol.172*(Part A), 108629. https://doi.org/10.1016/j.cie.2022.108629

Hadi, N. H., & Herianingrum, S. (2020). The Influence of Supply-Chain Resilience on Competitive Advantage and Firm Performance. *International Journal of Supply Chain Management*, *Vol.9*(No.4), 440-446.

Haldar, D. K., Saha, P., Belal, H., & Kayas, O. G. (2026). An analytical study on integrating Artificial Intelligence and Industry 4.0 technologies for supply chain resilience and sustainability. Supply Chain Analytics, 14, 100209. https://doi.org/10.1016/j.sca.2026.100209

Hamdy, A. (2024). Supply chain capabilities matter: digital transformation and green supply chain management in post-pandemic emerging economies: A case from Egypt. *Operations Management Research*, *Vol.17*(No.3), 963-981. https://doi.org/10.1007/s12063-024-00481-5

Hasanein, A. M., Khairy, H. A., Aljoghaiman, A., & Al-Romeedy, B. S. (2026). Tackling Supply Chain Disruptions Through Digital Agility: Evidence from the Hotel Industry. Logistics, 10(2), 34. https://doi.org/10.3390/logistics10020034

Hendijani, R., & Norouzi, M. (2023). Supply chain integration and firm performance in the COVID-19 era: the mediating role of resilience and robustness. *Journal of Global Operations and Strategic Sourcing*, *Vol.16*(No.2), 337-367. https://doi.org/10.1108/jgoss-03-2022-0022

Hossain, M. I., Talapatra, S., Saha, P., & Belal, H. M. (2024). From Theory to Practice: Leveraging Digital Twin Technologies and Supply Chain Disruption Mitigation Strategies for Enhanced Supply Chain Resilience with Strategic Fit in Focus. Global Journal of Flexible Systems Management, 26(1), 87?109. https://doi.org/10.1007/s40171-024-00424-w

Hsieh, C.-C., Chen, S.-L., & Huang, C.-C. (2023). Investigating the Role of Supply Chain Environmental Risk in Shaping the Nexus of Supply Chain Agility, Resilience, and Performance. *Sustainability*, *15*(20), 15003. https://www.mdpi.com/2071-1050/15/20/15003

Huang, K., Wang, K., Lee, P. K. C., & Yeung, A. C. L. (2023). The impact of industry 4.0 on supply chain capability and supply chain resilience: A resource-based view. *International Journal of Production Economics*, *Vol.262*(Suppl C), 108913. https://doi.org/10.1016/j.ijpe.2023.108913

Hussain, A., Munir, M. A., Bhutta, M. K. S., & Mehmood, A. (2026). Building supply chain resilience: role of organizational data analytics capability, robustness, and social capital. International Journal of System Assurance Engineering and Management. Advance online publication. https://doi.org/10.1007/s13198-026-03268-y

Hussain, G., Nazir, M. S., Rashid, M. A., & Sattar, M. A. (2023). From supply chain resilience to supply chain disruption orientation: the moderating role of supply chain complexity. *Journal of Enterprise Information Management*, *Vol.36*(No.1), 70-90. https://doi.org/10.1108/jeim-12-2020-0558

Iftikhar, A., Do, Q., Stevenson, M., & Aslam, H. (2025). Big data analytics and supply chain learning: A serial mediation model for enhancing resilience and financial performance. European Management Journal. Advance online publication. https://doi.org/10.1016/j.emj.2025.07.004

Iftikhar, A., Purvis, L., Giannoccaro, I., & Wang, Y. (2023). The impact of supply chain complexities on supply chain resilience: the mediating effect of big data analytics. *Production Planning & Control*, *Vol.34*(No.16), 1-21. https://doi.org/10.1080/09537287.2022.2032450

Imran Ali, A. A., Maruf Chowdhury, Zaheer Khan, Shlomo Y Tarba. (2022). Reimagining global food value chains through effective resilience to COVID-19 shocks and similar future events: A dynamic capability perspective. *Journal of Business Research*, *Vol.141*(Suppl C), 1-12. https://doi.org/10.1016/j.jbusres.2021.12.006

Inman, R. A., Green, K. W., & Roberts, M. D. (2024). A COVID replication and extension of firms' resilience to supply chain disruptions. *Supply Chain Management*, *Vol.29*(No.2), 315-327. https://doi.org/10.1108/scm-06-2023-0297

Jafari, M., Akbari, A. H., & Akhavan, P. (2026). Leveraging generative AI to drive supply chain resilience and sustainable performance: A mediation framework for next-generation supply chains. Technology in Society, 88, 103444. https://doi.org/10.1016/j.techsoc.2026.103444

Jiang, W., Feng, T., & Wong, C. Y. (2025). How big data analytics capabilities drive supply chain resilience: the mediating roles of supply chain visibility and flexibility. International Journal of Physical Distribution & Logistics Management, 55(5), 505?539. https://doi.org/10.1108/ijpdlm-07-2024-0252

Ju, Y., Hou, H., & Yang, J. (2021). Integration quality, value co-creation and resilience in logistics service supply chains: moderating role of digital technology. *Industrial Management & Data Systems*, *Vol.121*(No.2), 364-380. https://doi.org/10.1108/imds-08-2020-0445

Juan, S.-J., & Li, E. Y. (2023). Financial performance of firms with supply chains during the COVID-19 pandemic: the roles of dynamic capability and supply chain resilience. *International Journal of Operations & Production Management*, *43*(5), 712-737. https://doi.org/10.1108/ijopm-04-2022-0249

Juan, S.-J., Li, E. Y., & Hung, W.-H. (2021). An integrated model of supply chain resilience and its impact on supply chain performance under disruption. *The International Journal of Logistics Management*, *33*(1), 339-364. https://doi.org/10.1108/ijlm-03-2021-0174

Jum'a, L., Zighan, S., & Alkalha, Z. (2025). Influence of supply chain digitalization on supply chain agility, resilience and performance: environmental dynamism as a moderator. Journal of Manufacturing Technology Management, 36(4), 798?819. https://doi.org/10.1108/jmtm-08-2024-0423

Junaid, M., Zhang, Q., Cao, M., & Luqman, A. (2023). Nexus between technology enabled supply chain dynamic capabilities, integration, resilience, and sustainable performance: An empirical examination of healthcare organizations. *Technological Forecasting and Social Change*, *Vol.196*(Suppl C), 122828. https://doi.org/10.1016/j.techfore.2023.122828

Kang, M., Robb, C. A., Kim, S., & Stephens, A. R. (2024). Digital Technology Adoption for Building Supply Chain Resilience Amid the COVID-19 Pandemic: Evidence from South Korean Manufacturers. *Operations and Supply Chain Management*, *Vol.17*(No.1), 65-76. https://doi.org/10.31387/oscm0560414

Kędzia, G., & Staniec, I. (2022). THE IMPACT OF SUPPLIER INVOLVEMENT IN PRODUCT DEVELOPMENT ON SUPPLY CHAIN RESILIENCE: THE MEDIATING ROLE OF COMMUNICATION. *International Journal for Quality Research*, *Vol.16*(No.4), 973-1000. https://doi.org/10.24874/ijqr16.04-01

Khan, S. A. R., Sheikh, A. A., Shamsi, I. R. A., & Yu, Z. (2025). The Implications of Artificial Intelligence for Small and Medium-Sized Enterprises' Sustainable Development in the Areas of Blockchain Technology, Supply Chain Resilience, and Closed-Loop Supply Chains. Sustainability, 17(1), 334. https://doi.org/10.3390/su17010334

Kitcharoen, K. (2025). Digital Transformation and Process Integration: Enhancing Supply Chain Resilience in Thailand?s Wholesale and Distribution Sector. Journal of Distribution Science, 23(3), 23?33. https://doi.org/10.15722/jds.23.03.202503.23

Kokkinou, A., Mitas, O., & Mandemakers, A. (2025). Leveraging digital transformation to develop a data-driven culture for supply chain resilience: an empirical investigation. Continuity & Resilience Review, 7(2), 79?98. https://doi.org/10.1108/crr-08-2024-0023

Kong, T., & Feng, T. (2025). Enhancing supply chain resilience: the role of big data analytics capability and organizational ambidexterity. Industrial Management & Data Systems, 125(7), 2348?2370. https://doi.org/10.1108/imds-07-2024-0674

Kumar, M., Raut, R. D., Gunasekaran, A., Venkateshwarlu, M., & Choubey, V. K. (2024). Developing Supply Chain Capabilities Through Digitalization and Viability for Controlling the Ripple Effect. *Ieee Transactions on Engineering Management*, *Vol.71*, 1-17. https://doi.org/10.1109/tem.2022.3233860

Kumar, R. R., & Raj, A. (2024). Big data adoption and performance: mediating mechanisms of innovation, supply chain integration and resilience. Supply Chain Management: An International Journal, 30(1), 67?85. https://doi.org/10.1108/scm-03-2024-0186

Kumar, S., & Anbanandam, R. (2020). Impact of risk management culture on supply chain resilience: An empirical study from Indian manufacturing industry. *Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability*, *Vol.234*(No.2), 246-259. https://doi.org/10.1177/1748006x19886718

Kwak, D.-W., Seo, Y.-J., & Mason, R. (2018). Investigating the relationship between supply chain innovation, risk management capabilities and competitive advantage in global supply chains. *International Journal of Operations & Production Management*, *Vol.38*(No.1), 2-21. https://doi.org/10.1108/ijopm-06-2015-0390

Laguir, I., Modgil, S., Bose, I., Gupta, S., & Stekelorum, R. (2023). Performance effects of analytics capability, disruption orientation, and resilience in the supply chain under environmental uncertainty. *Annals of Operations Research*, *Vol.324*(No.1-2), 1269-1293. https://doi.org/10.1007/s10479-021-04484-4

Le, T. T., & Behl, A. (2024). Linking Artificial Intelligence and Supply Chain Resilience: Roles of Dynamic Capabilities Mediator and Open Innovation Moderator. *Ieee Transactions on Engineering Management*, *Vol.71*, 8577-8590. https://doi.org/10.1109/tem.2023.3348274

Lee, V. H., Foo, P.-Y., Cham, T.-H., Hew, T.-S., Tan, G. W.-H., & Ooi, K.-B. (2024). Big data analytics capability in building supply chain resilience: the moderating effect of innovation-focused complementary assets. *Industrial Management & Data Systems*, *Vol.124*(No.3), 1203-1233. https://doi.org/10.1108/imds-07-2022-0411

Leoni, L., Ardolino, M., Baz, J. E., Gueli, G., & Bacchetti, A. (2022). The mediating role of knowledge management processes in the effective use of artificial intelligence in manufacturing firms. *International Journal of Operations & Production Management*, *Vol.42*(No.13), 411-437. https://doi.org/10.1108/ijopm-05-2022-0282

Li, G., Xue, J., Li, N., & Ivanov, D. (2022). Blockchain-supported business model design, supply chain resilience, and firm performance. *Transportation Research Part E-Logistics and Transportation Review*, *Vol.163*(Suppl C), 102773. https://doi.org/10.1016/j.tre.2022.102773

Li, L., Wang, Z., Ye, F., Chen, L., & Zhan, Y. (2022). Digital technology deployment and firm resilience: Evidence from the COVID-19 pandemic. *Industrial Marketing Management*, *Vol.105*(Suppl C), 190-199. https://doi.org/10.1016/j.indmarman.2022.06.002

Li, W., & Liu, Z. (2023). Social, Environmental, and Governance Factors on Supply-Chain Performance with Mediating Technology Adoption. *Sustainability*, *Vol.15*(No.14), 10865. https://doi.org/10.3390/su151410865

Li, X., Wu, Q., Holsapple, C. W., & Goldsby, T. (2017). An empirical examination of firm financial performance along dimensions of supply chain resilience. *Management Research Review*, *Vol.40*(No.3), 254-269. https://doi.org/10.1108/mrr-02-2016-0030

Li, X., Zhao, H., Mehrotra, A., Gugnani, R., & Agarwal, V. (2025). Harmonizing Fintech and Supply Chain Resilience: Unveiling the Role of Blockchain Integration, Incentives, and Resilience. IEEE Transactions on Engineering Management, 72, 2661?2672. https://doi.org/10.1109/tem.2025.3578098

Li, Y., Li, D., Liu, Y., & Shou, Y. (2023). Digitalization for supply chain resilience and robustness: The roles of collaboration and formal contracts. *Frontiers of Engineering Management*, *Vol.10*(No.1), 5-19. https://doi.org/10.1007/s42524-022-0229-x

Lin, Y., Pang, G., Duan, K., Luo, J., Wang, S., & Qu, J. (2025). The impacts of digital and learning orientations on supply chain resilience. *Industrial Management and Data*

Systems, *Vol.125*(No.2), 535-574. https://doi.org/10.1108/imds-04-2024-0379

Liu, C., Shang, K., Lirn, T., Lai, K., & Lun, Y. (2017). Supply chain resilience, firm performance, and management policies in the liner shipping industry. *Transportation research. Part A. Policy and practice*, 2.

Liu, H., Lu, F., Shi, B., Hu, Y., & Li, M. (2023). Big data and supply chain resilience: role of decision-making technology. *Management Decision*, *Vol.61*(No.9), 2792-2808. https://doi.org/10.1108/md-12-2021-1624

Liu, Y., Fang, W., Feng, T., & Xi, M. (2024). Blockchain technology adoption and supply chain resilience: exploring the role of transformational supply chain leadership. *Supply Chain Management*, *Vol.29*(No.2), 371-387. https://doi.org/10.1108/scm-08-2023-0390

Lu, X., Xu, X., Cao, C., & Wu, F. (2026). Strengthening Supply Chain Resilience from Dynamic Capability View: Role of Artificial Intelligence Assimilation. Transportation Research Record: Journal of the Transportation Research Board. Advance online publication. https://doi.org/10.1177/03611981261436639

Mandal, S. (2017). An empirical competence-capability model of supply chain resilience. *INTERNATIONAL JOURNAL OF DISASTER RESILIENCE IN THE BUILT ENVIRONMENT*, *Vol.8*(No.2), 190-208. https://doi.org/10.1108/ijdrbe-02-2015-0003

Mandal, S. (2019a). Exploring the influence of IT capabilities on agility and resilience in tourism [Article]. *Journal of Hospitality and Tourism Technology*, *10*(3), 431-444. https://doi.org/10.1108/jhtt-01-2018-0001

Mandal, S. (2019b). The influence of big data analytics management capabilities on supply chain preparedness, alertness and agility. *Information Technology & People*, *32*(2), 297-318. https://doi.org/10.1108/itp-11-2017-0386

Mandal, S. (2020). Exploring the significance of big data infrastructure in dynamic capability development: a supply chain resilience perspective. *International Journal of Work Organisation and Emotion*, *Vol.11*(No.3), 231-246. https://doi.org/10.1504/ijwoe.2020.111318

Mandal, S., & Dubey, R. K. (2020). Role of tourism IT adoption and risk management orientation on tourism agility and resilience: Impact on sustainable tourism supply chain performance. *International Journal of Tourism Research*, *Vol.22*(No.6), 800-813. https://doi.org/10.1002/jtr.2381

Manikas, I., Sundarakani, B., & Shehabeldin, M. (2023). Big data utilisation and its effect on supply chain resilience in Emirati companies. *International Journal of Logistics: Research & Applications*, *Vol.26*(No.10), 1-25. https://doi.org/10.1080/13675567.2022.2052825

Mehmood, K., Usman, M., Soni, G., Hernandez, J., & Ghani, U. (2026). Catalyzing supply chain resilience through Industry 5.0: The synergistic role of circular economy readiness, remanufacturing capabilities, and strategic orientations. Technovation, 153, 103508. https://doi.org/10.1016/j.technovation.2026.103508

Metwally, A. B. M., Ali, H. A. A., Aly, S. A. S., & Ali, M. A. S. (2024). The Interplay between Digital Technologies, Supply Chain Resilience, Robustness and Sustainable Environmental Performance: Does Supply Chain Complexity Matter? *Sustainability*, *Vol.16*(No.14), 6175. https://doi.org/10.3390/su16146175

Mishra, R., Singh, R. K., & Garza-Reyes, J. A. (2025). Interplay between absorptive capacity, analytics competence and sustainable economic performance of MSMEs in supply chain: the mediating role of risk resilience. *Annals of Operations Research*, *Vol.350*(No.2), 1-25. https://doi.org/10.1007/s10479-023-05733-4

Mohamed, S. K. K., Haddad, S., Barakat, M., & Rosi, B. (2023). Blockchain Technology Adoption for Improved Environmental Supply Chain Performance: The Mediation Effect of Supply Chain Resilience, Customer Integration, and Green Customer Information Sharing. *Sustainability*, *Vol.15*(No.10), 7909.

https://doi.org/10.3390/su15107909

Mukherjee, S., Nagariya, R., Mathiyazhagan, K., & Scuotto, V. (2024). Linking supply chain resilience with knowledge management for achieving supply chain performance. *Journal of Knowledge Management*, *Vol.28*(No.4), 971-993. https://doi.org/10.1108/jkm-12-2022-0985

Munir, M., Jajja, M. S. S., & Chatha, K. A. (2022). Capabilities for enhancing supply chain resilience and responsiveness in the COVID-19 pandemic: exploring the role of improvisation, anticipation, and data analytics capabilities. *International Journal of Operations & Production Management*, *Vol.42*(No.10), 1576-1604. https://doi.org/10.1108/ijopm-11-2021-0677

Nakandala, D., Chen, J., & Chikweche, T. (2024). SME supply chain resilience in disruptive times: the effects of supply chain robustness, access to government assistance and disruption intensity. *Business Process Management Journal*, *Vol.31*(No.2), 467-496. https://doi.org/10.1108/bpmj-02-2024-0073

Nakandala, D., Yang, R., Lau, H., & Weerabahu, S. (2023). Industry 4.0 technology capabilities, resilience and incremental innovation in Australian manufacturing firms: a serial mediation model. *Supply Chain Management*, *Vol.28*(No.4), 760-772. https://doi.org/10.1108/scm-08-2022-0325

Nath, A., & Sulthana, M. N. (2025). Leveraging Digitalization to Strengthen Supply Chain Resilience: Mitigating Disruptions for Enhanced Performance. Journal of Advanced Manufacturing Systems. Advance online publication. https://doi.org/10.1142/s0219686727500259

Nayal, K., Raut, R. D., Queiroz, M. M., & Priyadarshinee, P. (2024). Digital Supply Chain Capabilities: Mitigating Disruptions and Leveraging Competitive Advantage Under COVID-19. *Ieee Transactions on Engineering Management*, *Vol.71*, 1-14. https://doi.org/10.1109/tem.2023.3266151

Ngo, V. M., Nguyen, H. H., & Nguyen, L. H. (2025). Bridging the digital divide: how technological symmetry and collaboration fortify supply chain resilience. Operations Management Research, 19(1), 6. https://doi.org/10.1007/s12063-025-00572-x

Nguyen, X. H., Le, T. A., Nguyen, A. T., Pham, T. T. H., & Tran, T. H. (2021). Supply chain risk, integration, risk resilience and firm performance in global supply chain: Evidence from vietnam pharmaceutical industry. *Uncertain Supply Chain Management*, *Vol.9*(No.4), 779-796. https://doi.org/10.5267/j.uscm.2021.8.010

Nhan Tran, T. T., Duc Do, A., & Nguyen, M. N. (2026). Supply Chain Digitalization and Performance: The Serial Mediation of Visibility and Resilience. Emerging Science Journal, 10(2), 742?759. https://doi.org/10.28991/esj-2026-010-02-08

Ning, Y., Li, L., Xu, S. X., & Yang, S. (2023). How do digital technologies improve supply chain resilience in the COVID-19 pandemic? Evidence from Chinese manufacturing firms. *Frontiers of Engineering Management*, *Vol.10*(No.1), 39-50. https://doi.org/10.1007/s42524-022-0230-4

Nong, N.-M.-T., & Ha, D.-S. (2025). Enhance Competitive Advantage of Vietnamese Enterprises: The Role of Digital Technology and Resilient Supply Chain. Journal of Distribution Science, 23(4), 49?60. https://doi.org/10.15722/jds.23.04.202504.49

Pan, H., Cheng, M., Wang, R., Zou, N., & Liu, D. (2026). Digital transformation and supply chain resilience in Chinese manufacturing: the mediating role of supply chain risk management. Asia Pacific Journal of Marketing and Logistics, 38(7), 2184?2200. https://doi.org/10.1108/apjml-01-2025-0059

Pellegrino, R., & Gaudenzi, B. (2026). Supply chain resilience as a viable way to cope with disruptions: an empirical analysis of Italian firms. Review of Managerial Science, 20(5), 1459?1489. https://doi.org/10.1007/s11846-025-00911-z

Piprani, A. Z., Jaafar, N. I., Ellahi, R. M., Watabe, M., Islam, M. A., & Najmi, A. (2025). Supply Chain Mapping for High Risk Environment: Industry 4.0 and the Quest for

Resilient and Sustainable Supply Chains. Sustainable Development, 33(5), 7441?7458. https://doi.org/10.1002/sd.3522

Piprani, A. Z., Khan, S. A. R., & Yu, Z. (2024). Driving success through digital transformation: influence of Industry 4.0 on lean, agile, resilient, green supply chain practices. *Journal of Manufacturing Technology Management*, *Vol.35*(No.6), 1175-1198. https://doi.org/10.1108/jmtm-05-2023-0179

Piprani, A. Z., Nazir, S., Najmi, A., Watabe, M., & Jaafar, N. I. (2025). Digital Capabilities and Supply Chain Resilience: Is Supply Chain Mapping the Missing Link?. Business Strategy & Development, 8(3), e70148. https://doi.org/10.1002/bsd2.70148

Poku, E., Nuertey, D., Agbemude, S., Owusu, F., & Buabeng, S. (2025). Building resilient supply chains through digitalization: the roles of supply chain traceability and desorptive capacity. Benchmarking: An International Journal. Advance online publication. https://doi.org/10.1108/bij-01-2025-0057

Poku, E., Nuertey, D., Agbemude, S., Owusu, F., & Buabeng, S. (2025). Achieving supply chain resilience through supply chain digitalization: do supply chain ambidexterity and relational governance matter?. Benchmarking: An International Journal. Advance online publication. https://doi.org/10.1108/bij-11-2024-0981

Pu, G., Gao, Y., Wang, Y., & Qiao, J. (2026). Impact of artificial intelligence on supply chain resilience: A dynamic capabilities perspective. Technological Forecasting and Social Change, 230, 124773. https://doi.org/10.1016/j.techfore.2026.124773

Pu, G., Li, S., & Bai, J. (2023). Effect of supply chain resilience on firm's sustainable competitive advantage: a dynamic capability perspective. *Environmental science and pollution research international*, *Vol.30*(No.2), 4881-4898. https://doi.org/10.1007/s11356-022-22483-1

Pu, G., Qiao, W., & Feng, Z. (2023). Antecedents and outcomes of supply chain resilience: Integrating dynamic capabilities and relational perspective. *JOURNAL OF CONTINGENCIES AND CRISIS MANAGEMENT*, *Vol.31*(No.4), 706-726. https://doi.org/10.1111/1468-5973.12473

Qader, G., Junaid, M., Abbas, Q., & Mubarik, M. S. (2022). Industry 4.0 enables supply chain resilience and supply chain performance. *Technological Forecasting and Social Change*, *Vol.185*(Suppl C), 122026. https://doi.org/10.1016/j.techfore.2022.122026

Rahmoune, M. (2026). Integrating corporate social responsibility and digital transformation: evidence on supply chain resilience and sustainability. Management. Advance online publication. https://doi.org/10.58691/man/220742

Rana, J., Daultani, Y., Goswami, M., & Kumar, S. (2025). Exploring the Impact of Supply Chain Digital Transformation on Supply Chain Performance: An Empirical Investigation. Business Strategy and the Environment, 34(3), 3497?3521. https://doi.org/10.1002/bse.4157

Rezaei, G., Hosseini, S. M. H., & Sana, S. S. (2022). Exploring the Relationship between Data Analytics Capability and Competitive Advantage: The Mediating Roles of Supply Chain Resilience and Organization Flexibility. *Sustainability*, *Vol.14*(No.10444), 10444. https://doi.org/10.3390/su141610444

Riaz, A., Rehman, H. M., Sohail, A., & Rehman, M. (2024). Industry 4.0 supply chain nexus: sequential mediating effects of traceability, visibility and resilience on performance. Asia Pacific Journal of Marketing and Logistics. Advance online publication. https://doi.org/10.1108/apjml-02-2024-0202

Rodríguez-González, R. M., Madrid-Guijarro, A., & Maldonado-Guzmán, G. (2023). Digital organizational culture and absorptive capacity as precursors to supply chain resilience and sustainable performance. *Journal of Cleaner Production*, *Vol.420*(No.0), 138411. https://doi.org/10.1016/j.jclepro.2023.138411

Ruamchart, B. (2023). Supply chain resilience after the Covid-19 pandemic in Thai industry. *Uncertain Supply Chain Management*, *11*(4), 1617-1626.

Sadha, M. J., Tarigan, Z. J. H., Siagian, H., & Jie, F. (2024). Exploring the key enabling role of digital technology for enhancing supply chain performance through supply chain

collaboration, inventory management and supply chain resilience. *Uncertain Supply Chain Management*, *Vol.12*(No.3), 1769-1780. https://doi.org/10.5267/j.uscm.2024.3.005

Sadia, U. H., Liu, D., & Irfan, M. (2024). Toward sustainable development: The triple nexus for enhanced supply chain performance through information technology, resilience, and sustainability integration. *Business Strategy & Development*, *Vol.7*(No.3), e70019. https://doi.org/10.1002/bsd2.70019

Samadhiya, A., Yadav, S., Kumar, A., Majumdar, A., Luthra, S., Garza-Reyes, J. A., & Upadhyay, A. (2023). The influence of artificial intelligence techniques on disruption management: Does supply chain dynamism matter? *Technology in Society*, *Vol.75*, 102394. https://doi.org/10.1016/j.techsoc.2023.102394

Setiawan, H., Tarigan, Z., & Siagian, H. (2023). Digitalization and green supply chain integration to build supply chain resilience toward better firm competitive advantage. *Uncertain Supply Chain Management*, *11*(2), 683-696.

Shaikh, A., & Ahmed, W. (2022). Understanding influence of supply chain relationships in retail channels on risk management. *DECISION*, *Vol.49*(No.1), 153-176. https://doi.org/10.1007/s40622-022-00308-x

Sharma, P., Gunasekaran, A., & Subramanian, G. (2024). Enhancing Supply Chain: Exploring and Exploiting AI Capabilities. *Journal of Computer Information Systems*, 1-15. https://doi.org/10.1080/08874417.2024.2386527

Shi, Y., Zheng, X., Venkatesh, V. G., Humdan, E. A., & Paul, S. K. (2022). The impact of digitalization on supply chain resilience: an empirical study of the Chinese manufacturing industry. *Journal of Business & Industrial Marketing*, *Vol.38*(No.1), 1-11. https://doi.org/10.1108/jbim-09-2021-0456

Shokoohyar, S., Shokouhyar, S., & Hakimioun, S. (2022). Explicating the effects of big data analytics capabilities on supply chain resilience dimensions: dynamic capabilities approach and complex adaptive system perspective. *International Journal of Logistics Systems and Management*, *Vol.43*(No.4), 451-483. https://doi.org/10.1504/ijlsm.2020.10036448

Singh, G., Singh, S., Daultani, Y., & Chouhan, M. (2023). Measuring the influence of digital twins on the sustainability of manufacturing supply chain: A mediating role of supply chain resilience and performance. *Computers & Industrial Engineering*, *Vol.186*(Suppl C), 109711. https://doi.org/10.1016/j.cie.2023.109711

Singh, N. P., & Singh, S. (2019). Building supply chain risk resilience: Role of big data analytics in supply chain disruption mitigation. *Benchmarking: An International Journal*, *Vol.26*(No.7), 2318-2342. https://doi.org/10.1108/bij-10-2018-0346

Singh, R. K. (2025). Transforming humanitarian supply chains with digital twin technology: a study on resilience and agility. The International Journal of Logistics Management, 36(4), 1119?1135. https://doi.org/10.1108/ijlm-08-2024-0504

Srimarut, T., & Mekhum, W. (2020). Enhancing Financial Performance through Supply Chain Innovation (SCI) with Mediating Role of Robustness and Resilience Capability in Thailand's Manufacturing Sector. *International Journal of Supply Chain Management*, *Vol.9*(No.1), 175-182.

Stentoft, J., Mikkelsen, O. S., & Wickstrøm, K. A. (2023). Supply chain resilience and absorptive capacity: crisis mitigation and performance effects during Covid-19. *Supply Chain Management*, *Vol.28*(No.6), 975-992. https://doi.org/10.1108/scm-10-2022-0384

Sturm, S., Hohenstein, N.-O., & Hartmann, E. (2023). Linking entrepreneurial orientation and supply chain resilience to strengthen business performance: an empirical analysis. *International Journal of Operations & Production Management*, *Vol.43*(No.9), 1357-1386. https://doi.org/10.1108/IJOPM-07-2022-0418/full/html

Sturm, S., Hohenstein, N.-O., Birkel, H., Kaiser, G., & Hartmann, E. (2022). Empirical research on the relationships between demand- and supply-side risk management practices and their impact on business performance. *Supply Chain Management*, *Vol.27*(No.6), 742-761. https://doi.org/10.1108/scm-08-2020-0403

Tetteh, F. K., & Owusu Kwateng, K. (2026). Supply chain digitalization, process integration and resilience as drivers of supply chain viability in manufacturing: evidence from structural equation modeling and necessary condition analysis. The International Journal of Logistics Management, 37(4), 1170?1205. https://doi.org/10.1108/ijlm-06-2025-0381

Tetteh, F. K., Kwateng, K. O., & Tani, W. (2025). Humanitarian supply chain resilience: does organizational flexibility matter? *Benchmarking: An International Journal*, *Vol.32*(No.8), 2833-2860. https://doi.org/10.1108/bij-10-2023-0763

Tiwari, M. (2026). Artificial intelligence-driven healthcare supply chain resilience: The mediating effect of organisational transparency. Journal of Strategy & Innovation, 37(1), 200572. https://doi.org/10.1016/j.jsinno.2026.200572

Tortorella, G. L., Prashar, A., Antony, J., Fogliatto, F. S., Gonzalez, V., & Godinho, M. (2024). Industry 4.0 adoption for healthcare supply chain performance during COVID-19 pandemic in Brazil and India: the mediating role of resilience abilities development [Article]. *Operations Management Research*, *17*(2), 389-405. https://doi.org/10.1007/s12063-023-00366-z

Tukamuhabwa, B. R. (2023). Supply Chain Orientation and Supply Chain Risk Management Capabilities: Mechanisms for Supply Chain Performance of Agro-Food Processing Firms in Uganda. *Journal of African Business*, *Vol.24*(No.4), 1-24. https://doi.org/10.1080/15228916.2023.2165894

Ul Akram, M., Islam, N., Chauhan, C., & Zafar Yaqub, M. (2024). Resilience and agility in sustainable supply chains: A relational and dynamic capabilities view. *Journal of Business Research*, *Vol.183*, 114855. https://doi.org/10.1016/j.jbusres.2024.114855

Wang, M., Liu, Y., Geng, D., Dora, M., & Hill, A. (2026). Decarbonisation and firm financial performance: The roles of supply chain transparency and resilience. International Journal of Production Economics, 296, 109988. https://doi.org/10.1016/j.ijpe.2026.109988

Wang, X., Ma, L., Niu, Q., & Zhang, Y. (2024). Supply chain digitalization and sports industry performance in Chinese context: a mediated moderated model. *Business Process Management Journal*, *Vol.30*(No.7), 2213-2236. https://doi.org/10.1108/bpmj-10-2023-0776

Wieland, A., Töyli, H. L., Lauri Ojala, J., & Wallenburg, C. M. (2013). The influence of relational competencies on supply chain resilience: a relational view. *International Journal of Physical Distribution & Logistics Management*, *43*(4), 300-320. https://doi.org/10.1108/ijpdlm-08-2012-0243

Wong, C. W. Y., Lirn, T.-C., Yang, C.-C., & Shang, K.-C. (2020). Supply chain and external conditions under which supply chain resilience pays: An organizational information processing theorization. *International Journal of Production Economics*, *226*. https://doi.org/10.1016/j.ijpe.2019.107610

Wu, L., Huang, J., Wang, M., & Kumar, A. (2024). Unleashing supply chain agility: Leveraging data network effects for digital transformation. *International Journal of Production Economics*, *Vol.277*(No.277), 109402. https://doi.org/10.1016/j.ijpe.2024.109402

Xie, J., Yang, S., Shi, Y., Li, Y., & Wang, Y. (2026). The impact of blockchain technology and relational governance on food supply chain resilience. Industrial Management & Data Systems. Advance online publication. https://doi.org/10.1108/imds-08-2025-1177

Xie, X., Wu, Y., & Tejerob, C. B.-G. (2024). How Responsible Innovation Builds Business Network Resilience to Achieve Sustainable Performance During Global Outbreaks:

An Extended Resource-Based View. *Ieee Transactions on Engineering Management*, *Vol.71*, 1-15. https://doi.org/10.1109/tem.2022.3186000

Xu, Y., Jia, F., Wang, L., & Chen, L. (2024). Can digital transformation improve firm resilience to supply chain disruption? The role of diversification strategies. *Journal of Purchasing and Supply Management*, *Vol.30*(No.5), 100952. https://doi.org/10.1016/j.pursup.2024.100952

Yamin, M. A. (2021). Investigating the drivers of supply chain resilience in the wake of the COVID-19 pandemic: Empirical evidence from an emerging economy. *Sustainability (Switzerland)*, *Vol.13*(No.21), 11939. https://doi.org/10.3390/su132111939

Yamin, M. A., Almuteri, S. D., Bogari, K. J., & Ashi, A. K. (2024). The Influence of Strategic Human Resource Management and Artificial Intelligence in Determining Supply Chain Agility and Supply Chain Resilience. *Sustainability*, *Vol.16*(No.7), 1-15. https://doi.org/10.3390/su16072688

Yang, C.-C., & Hsu, W.-L. (2018). Evaluating the impact of security management practices on resilience capability in maritime firms—a relational perspective. *Transportation Research Part A: Policy and Practice*, *Vol.110*, 220-233. https://doi.org/10.1016/j.tra.2017.06.005

Yang, Y., & Zhang, X. (2025). Co-creating value and building resilience: a digital era framework for competitive advantage in electronics retailing. Scientific Reports, 16(1), 2691. https://doi.org/10.1038/s41598-025-32423-x

Yang, Z., Guo, X., Sun, J., Zhang, Y., & Wang, Y. (2022). What Does Not Kill You Makes You Stronger: Supply Chain Resilience and Corporate Sustainability Through Emerging IT Capability. *Ieee Transactions on Engineering Management*, *PP*(No.99), 1-15. https://doi.org/10.1109/tem.2022.3209613

Yao, Q., Chen, H., Zhou, W., & Tang, H. (2026). AI-Driven Big Data Analytics and Supply Chain Resilience in B2B Markets: Insights from the Chinese Manufacturing Sector. Journal of Business-to-Business Marketing. Advance online publication. https://doi.org/10.1080/1051712x.2026.2642248

Yasin, A., Sultan, S., & Jum'a, L. (2025). Strengthening construction supply chain performance through digitalization: the mediating role of resilience capabilities in a developing country context. EuroMed Journal of Business. Advance online publication. https://doi.org/10.1108/emjb-05-2025-0208

Yimer, J. M., Durie, A. D., & Kibiret, A. T. (2026). Green Supply Chain Management Practice and Its Effect on Organizations' Economic Performance With the Mediating Role of Supply Chain Resilience (In the Case of Ethiopian Manufacturing Industry). Business Strategy and the Environment. Advance online publication. https://doi.org/10.1002/bse.70792

Yu, W., Jacobs, M. A., Chavez, R., & Yang, J. (2019). Dynamism, disruption orientation, and resilience in the supply chain and the impacts on financial performance: A dynamic capabilities perspective. *International Journal of Production Economics*, *Vol.218*(No.0), 352-362. https://doi.org/10.1016/j.ijpe.2019.07.013

Yuan, Y., Tan, H., & Liu, L. (2024). The effects of digital transformation on supply chain resilience: a moderated and mediated model. *Journal of Enterprise Information Management*, *Vol.37*(No.2), 488-510. https://doi.org/10.1108/jeim-09-2022-0333

Yue, X., Kang, M., & Zhang, Y. (2025). The impact of artificial intelligence usage on supply chain resilience in manufacturing firms: a moderated mediation model. Journal of Manufacturing Technology Management, 36(4), 759?776. https://doi.org/10.1108/jmtm-07-2024-0379

Zhang, J., Miao, X., & Shang, T. (2025). Impact mechanism of digital transformation on supply chain resilience. *Finance Research Letters*, *Vol.76*, 106993. https://doi.org/10.1016/j.frl.2025.106993

Zhao, N., Hong, J., & Lau, K. H. (2023). Impact of supply chain digitalization on supply chain resilience and performance: A multi-mediation model. *International Journal of*

Production Economics, *259*(Suppl C), 108817. https://doi.org/10.1016/j.ijpe.2023.108817

Zhou, H., Wang, Q., & Yang, Q. (2023). How does digitalisation influence supply chain performance? Evidence from a supply chain risk management perspective. *International Journal of Logistics Research and Applications*, *28*(3), 325-343. https://doi.org/10.1080/13675567.2023.2169667

Zhou, J., Hu, L., Yu, Y., Zhang, J. Z., & Zheng, L. J. (2022). Impacts of IT capability and supply chain collaboration on supply chain resilience: empirical evidence from China in COVID-19 pandemic. *Journal of Enterprise Information Management*, *37*(2), 777-803. https://doi.org/10.1108/jeim-03-2022-0091

Zhou, Y., Zhang, N., Wu, C.-H., Wang, Y., Zhang, X., & Zhang, D. (2024). The Impact of Supply Chain ESG Management on Supply Chain Resilience With Emerging IT Technologies: Based on Supply Chain Network Capabilities. *JOURNAL OF ORGANIZATIONAL AND END USER COMPUTING*, *Vol.36*(No.1), 1-31. https://doi.org/10.4018/joeuc.356497

Zhu, X., & Wu, Y. J. (2022). How Does Supply Chain Resilience Affect Supply Chain Performance? The Mediating Effect of Sustainability. *Sustainability*, *Vol.14*(No.14626), 14626. https://doi.org/10.3390/su142114626

Zouari, D., Ruel, S., & Viale, L. (2021). Does digitalising the supply chain contribute to its resilience? *International Journal of Physical Distribution & Logistics Management*, *Vol.51*(No.2), 149-180. https://doi.org/10.1108/ijpdlm-01-2020-0038