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Blockchain Technology and Food Supply Chain: A Bibliometric Analysis

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Technology-Driven Business Innovation: Unleashing the Digital Advantage



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Abstract

By offering traceability, transparency, and accountability, blockchain technology has the potential to make a radical change the food supply chain industry. As a consequence, blockchain research in the food supply chain has attracted a growing amount of global interest. This abstract discusses global research trends in blockchain technology and agricultural supply chains. The review focuses on the years 2016–2023 and examines 173 research articles published in prestigious journals and conferences. The literature review demonstrates that research on blockchain and the food supply chain is a burgeoning

discipline, with a significant increase in publications in recent years. The assessment also finds that the bulk of research has been undertaken in North America and Europe, with Asia and Africa requiring additional investigation. In addition, the review specifies three primary research topics: (1) trend of research on, (2) countries contribute to the study, and (3) the main keywords of scientific research on blockchain and food supply chain. The review concludes with suggestions for future research directions and opportunities for researchers to further investigate and enhance the implementation of blockchain technology in the food supply chain industry.

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