

BLOCKCHAIN TECHNOLOGY AND THE ACCOUNTING PROFESSION. A STRUCTURED LITERATURE REVIEW.

DONȚU Adelina – Nicoleta¹ ORCID ID: 0009-0001-8373-2420

***Abstract:** This study investigates the impact of blockchain technology (BCT) on the accounting profession, focusing on both the opportunities and challenges associated with its integration. The objectives are to assess the current state of academic research on blockchain in accounting, to analyse key themes and research focuses in the literature, and to evaluate the technology's potential impact on the profession. Methodologically, this research follows a structured literature review (SLR) approach, analysing 60 academic papers using both qualitative and quantitative methods. Key results indicate that blockchain can automate reconciliations, improve audit trails, and streamline accounting tasks. However, scalability issues, privacy concerns, regulatory uncertainty, and implementation costs remain significant challenges. While blockchain holds promise for transforming accounting practices, the research reveals a need for more empirical studies, particularly real-world applications. The findings contribute to ongoing discussions in both academia and industry, emphasizing the importance of further research and collaboration between accounting professionals and IT specialists to effectively harness blockchain's potential.*

Keywords: *blockchain technology, accounting profession, digital transformation*

JEL Classification: M41, O33

¹ Babeş-Bolyai University, Department of Accounting and Audit, Faculty of Economics and Business Administration, Cluj-Napoca, Romania email: adelina.dontu@econ.ubbcluj.ro
DOI: 10.29302/oeconomica.2024.2.1