

Review of: "Blockchain EV Payment Systems: A Systematic Literature Review in Retail Energy Trading"

Mohammed Al-Shabi¹

¹ Taibah University

Potential competing interests: No potential competing interests to declare.

Based on the abstract and title and other contents for the paper, here are my evaluations of paper:

Title: The title of the paper, "Blockchain EV Payment Systems: A Systematic Literature Review in Retail Energy Trading," clearly indicates the focus of the study and provides a glimpse of the scope and methodology.

- **Begin with context:** Start the abstract by briefly explaining the significance and context of blockchain technology in the electric vehicle (EV) industry. Highlight the need for secure and efficient payment systems and the potential of blockchain technology to address these challenges.
- **Clarify the research objective:** Clearly state that the study aims to conduct a systematic literature review to analyze the use of blockchain technology in the EV industry, specifically focusing on its application through a retail business-process lens. This will provide readers with a clear understanding of the research focus.
- **Specify the methodology:** Provide a concise description of the methodology used in the study. Mention the process of conducting a systematic literature review, including the search criteria, selection process, and final sample size. This will establish the rigor of the research and its foundation in existing literature.
- **Summarize the key findings:** Briefly summarize the main findings of the literature review. Mention that primary and sub-themes representing the body of work were identified. Specifically highlight the emergent key themes: blockchain features, smart contracts, and electric vehicle charging systems. This provides a glimpse into the central areas of focus in the review.
- **Discuss implications and applications:** Highlight the implications and potential applications of the identified key themes. Explain how these findings contribute to understanding the role of blockchain technology in the digitalization of electric vehicle networks. Specifically mention the potential benefits of operationalization and scalability that can be achieved through blockchain implementation.
- **Propose future research directions:** Conclude the abstract by mentioning that the study proposes future research directions informed by the literature review. Highlight how these directions can further enhance the understanding and application of blockchain technology in the EV industry.
- **The discussion section need more** provide a more comprehensive analysis of the challenges, implications, and potential solutions related to privacy, security, and scalability in blockchain-based EV payment systems.

