

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

Myriam Ertz¹

¹ Université du Québec à Chicoutimi

Potential competing interests: No potential competing interests to declare.

Thank you for the opportunity to read your interesting research. Although I find potential in your work, I think it could also benefit from a few improvements. Please see below for the summary of the most critical aspects that need to be addressed:

Abstract

- The abstract provides a brief overview of the study's objectives and findings, but it lacks clarity and detail. The authors do not provide sufficient information on the specific research questions and methodology used in the study. The abstract could be improved by providing more information on the primary and sub-themes identified in the literature review and the implications and applications discussed.
- The abstract would benefit from a more detailed analysis of the findings and their significance for the field of blockchain technology and electric vehicle industry. Overall, the abstract could be strengthened by providing a more comprehensive summary of the study's objectives, methodology, findings, and their implications for future research.

Literature review

Even though it is a systematic literature review, the paper delves a bit too quickly in the methods and results of the paper without providing an appropriate review of the extant research on the topic. A proper literature review should thus precede the methodology to further show the gap and motivate the need for the study.

Introduction:

- The introduction provides a general overview of the topic, but it lacks focus and clarity. The authors should provide a more concise and precise description of the research problem and its significance.
- The authors should also provide more detail on the existing research on the topic, including the limitations and gaps in the literature.

Methodology

The authors have presented a well-structured methodology using the PRISMA framework for conducting a systematic literature review. However, there is a possibility of missing relevant articles as the search is based on a single query. It would have been beneficial to perform a broader search using multiple queries and databases. The use of machine

learning techniques like ASReview to validate article relevance is a useful approach, but more details on the training process and criteria for inclusion/exclusion would have improved the methodology.

Discussion

The discussion provides a comprehensive overview of the literature on privacy and security concerns in energy trading, specifically in the context of EV charging. The authors have highlighted the importance of safeguarding consumer privacy, particularly in light of regulatory requirements and technological advancement. However, the discussion lacks a clear argument or conclusion, and many points are presented without a clear connection to the research question or objective.