

# Review of: "Flow Batteries From 1879 To 2022 And Beyond"

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Potential competing interests: No potential competing interests to declare.

This paper presents a quantitative bibliometric study of flow battery technology from 1870 to 2020. The advantages and disadvantages of RFBs are discussed thoroughly. The author points out that the cost of RFBs is lower than LiBs, but the lower energy efficiency limits their application. Finally, the author proposes the future work of the RFBs.

The content of this article is very detailed, with many references cited, which is very persuasive. The author has worked in the field of RFBs for a long time and has very penetrating views on the advantages, disadvantages, and development prospects of various liquid flow batteries and LIBs. Therefore, this article has a solid guiding role for researchers of liquid flow batteries and related batteries for energy storage. I hope this article can be published as soon as possible. However, there are some problems in the article which need to be revised before publication.

(1) Figure 1 is missing.

(2) Figures 4 5 and 11b are not clear.

(3) Figure 11a is missing.