

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

Kan-Lin Hsueh¹

1 National United University

Potential competing interests: No potential competing interests to declare.

This is a good review article included 500 plus papers or patents. It provides an overlook of redox flow battery and an extensive literature survey. It is very informative. I'm appreciate author's effort to collect these papers, to analyze their content, and to summarize in a concise way.

Followings are my suggestions.

- 1. Suggest use passive mode since one author in this article. .
- 2. Please keep Highlight short. Each item keep within 20 words or less. 4-6 items max.
- 3. Keywords is too many. May loose the focus of this paper.
- 4. Figure 1 is missing.
- 5. Please provides higher resolution picture for Fig. 4, 5
- 6. It is more informative, if author can plot power density and efficiency as a function of year to illustrate technology improvement of VRFB.
- 7. Fig. 11A is blank.
- 8. Fig. 11B is not clear.