

Peer Review

Review of: "Industrial Scale-Up Variability and Life Cycle Assessment of Microbial Fuel Cells"

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The manuscript is very interesting, but the information provided is not up to the mark. The manuscript should be revised.

1. The presentation of figures is not attractive; it should include more pictures with written content (Figs. 2, 6, 7).
2. One table should be provided for materials used for industrial scale-up.
3. MFCs' greenhouse gas emissions are higher than those of agricultural sludge treatment and activated sludge treatment. How can this emission be reduced to make the process more productive?
4. A comparative table for the cost of wastewater treatment, the cost of energy/product generation, the life cycle of the treatment plant, and efficiency can clarify the concept of applying MFCs at a large scale.
5. Figure 10, which shows the cost per liter of treatment, efficiency, and life cycle of the treatment plant, could be more informative.

Declarations

Potential competing interests: No potential competing interests to declare.