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Journal of Engineering Science and Technology ReviewHello,

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Paper and review details

Submission ID: 6479

Title: Recent Advancement of Nickel Based-Cathode for The Microbial Electrolysis Cell (MEC) and Its Future Prospect

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Section: Review Article

Submitted on: 30/03/2022

Status: Decision by Editor

Review round 1

Paper submitted for review on: 30/03/2022

Paper download link: [jestr_sub_1648625157.docx](#)

Review round 1	Assigned on	Result	Comments to author	Review file	Review date
Reviewer 1	03/04/2022	Accept as it is	Reviewer comments 1.The author/s have reported the performance of Ni as the	jestr_rev_1650018104.docx	15/04/2022

		<p>cathode or catalyst in MEC for hydrogen production.</p> <p>2.The author/s have mentioned the Microbial Electrolysis Cells (MEC) Reactor Configurations and single-chamber and dual-chamber MEC. 3. The authors have given an overview of the general components in MEC and carbon based materials as anode and its advantages is mentioned.</p> <p>4.The authors have mentioned the materials and metals used for fabricating cathode and hydrogen evolution reaction. 5.The authors have mentioned the selection and advantages of metal Nickel and its alloys and activity.</p> <p>6.The authors mention that with more research in the future, Pt can be completely replaced by</p>		
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			nickel and its alloys as a cathode for MEC. 7.The literature review performed by the author/s is thorough and the references cited therein are relevant to the study. Hence I recommend the above manuscript for publication in the journal.		
Reviewer 2	03/04/2022			Awaiting review	
Reviewer 3				Awaiting review	

Decision by the Journal Editor on review round 1

Editor's decision: Accept as it is

Editor's comments: Dear author, We are glad to inform you that, your article: "Recent Advancement of Nickel Based-Cathode for The Microbial Electrolysis Cell (MEC) and Its Future Prospect" Has been accepted for publication in our journal (Journal of Engineering Science and Technology Review) In order to publish your article, please send us (via email) filled the copyright form, the authors names and the affiliations and the article in wrd format. Kind regards Prof. D. V. Bandekas Editor - in - Chief Journal of Engineering Science and Technology Review

Editor's decision date: 06/05/2022

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