

Review Form 1.6

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_92532
Title of the Manuscript:	Bipolar plate flow field structure research status and trends for hydrogen fuel cell vehicles
Type of the Article	Commentary

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journaljerr.com/index.php/JERR/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	<p>The modern circular and the ambitious net zero economic can only be realized by rapid advancement in hydrogen technology. Therefore studies on progress in hydrogen fuel cell technology are interesting from technical and policy viewpoints. This study thus meets the current global energy interest. Authors in this manuscript provide snippets of bipolar plat flow field configuration studies in the context of hydrogen fuel cell vehicles. The article is well written and structured.</p> <p>To increase the readability of this paper I will suggest the following:</p> <ol style="list-style-type: none"> 1. Authors should provide a graphical representation of global hydrogen cell fuel production and utilization. 2. Authors should provide references to the figures cited... Fig.1, Fig. 2, Fig. 3 and Fig. 4 3. Authors should explain the effect of baffle installation in the two-phase, non-isostatic Chen model on the system stability and pressure drop. 4. According to the authors, rectangular baffle is more favourable for improving reactant transfer and battery performance. Can also authors provide reasons for this? What does the authors think about the weight of the baffle in a real hydrogen fuel cell in the light of space applications? 5. Authors should correct the error in this reference.. Iranzo, C.H. Arredondo, A.M. Kannan, et al. 	
Minor REVISION comments		
Optional/General comments	Quite informative	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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