

## Review Form 1.7

Journal Name:	Asian Journal of Chemical Sciences
Manuscript Number:	Ms_AJOCS_97168
Title of the Manuscript:	Molecular Dynamics Simulation of the Electrochemical Cell Design for All- Vanadium Redox Flow Battery
Type of the Article	Computational research article

### 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.journalajocs.com/index.php/AJOCS/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)
<b>Compulsory</b> REVISION comments  <b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)  <b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)  <b>3. Is the abstract of the article comprehensive?</b>  <b>4. Are subsections and structure of the manuscript appropriate?</b>  <b>5. Do you think the manuscript is scientifically correct?</b>  <b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b> <b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b>	Certainly it would be useful for researcher who are working in advanced material for batteries. Future aspect of this manuscript is significant and this work will be useful for advancement and designing of wide range of Batteries 1.  2. A small correction is required. Title is 'Molecular Dynamics Simulation of the Electrochemical Cell Design for All- Vanadium Redox Flow Battery'. Disagreeable word has been highlighted in red.  3. Yes Abstract is all-inclusive. 4. Yes all the sections mentioned in manuscript are to the point and proper. 5. Yes the theories and arguments given in manuscript are technically correct and well synchronized. 6. No instead some of the references are much older those are of 1987, 1991, 1997etc. References must be recent (last 5 to 10 years only).	
<b>Minor</b> REVISION comments <b>1. Is language/English quality of the article suitable for scholarly communications?</b>	1. Language is not appropriate in abstract only .Grammar should be checked and get corrected.	
<b>Optional/General</b> comments		

### 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)
<b>Are there ethical issues in this manuscript?</b>	(If yes, Kindly please write down the ethical issues here in details)	

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**Reviewer Details:**

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