

## Review Form 1.7

Journal Name:	<b>Chemical Science International Journal</b>
Manuscript Number:	<b>Ms_CSIJ_103283</b>
Title of the Manuscript:	<b>Synthesis and Characterization of PEDOT: PSS-PA with good electrical conductivity for supercapacitor</b>
Type of the Article	<b>Original Research Article</b>

### **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.journalcsij.com/index.php/CSIJ/editorial-policy> )

## Review Form 1.7

### 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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p><b>The manuscript</b></p> <p><b>Title of the article is suitable</b></p> <p><b>Abstract of the article is not comprehensive. Tests and results should be briefly described in the abstract of the article.</b></p> <p><b>Subsections and structure of the manuscript are appropriate.</b></p> <p><b>the manuscript is scientifically correct</b></p> <p><b>The references aren't sufficient and recent. Most of the references are out of date. References should be increased. The topicality of the article should be emphasized by referring to literature studies.</b></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p><b>The language/English quality of the article is not appropriate. In the language of the article, the phrase "we" is not used, the subject is expressed with passive sentences.</b></p>	
<p><b>Optional/General</b> comments</p>	<p>In this paper, It prepared and characterized a series of PSS substituted with alkyl sulfonate (PSS-co-PA3, PSS-co-PA5, PSS-co-PA10, and PSS-co-PA30) proceeding to prepare additive-free PEDOT:PSS/graphene oxide (GO) aerogels with different amounts of alkyl sulfonate functional groups that could be applied to supercapacitor electrodes.</p> <p>The introduction of alkyl sulfonate groups in PSS can enhance its solubility due to the flexible alkyl sulfonate groups. The cycle stability of supercapacitors using PEDOT:PSS-co-PAs/rGO composites was improved compared with its devices using of Clevios4083/rGO</p>	

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

### Reviewer Details:

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