



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_10924
Title of the Manuscript:	Synthesis, characterization and electrochemical studies on $\text{Li}_4\text{Fe}(\text{CN})_6$ as cathode material for Li-ion batteries
Type of the Article	Original 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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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)
<u>Compulsory</u> REVISION comments	1. Please adjust the order of some characterizations, for example, TG data should be put in Results and discussion part. 2. Regards the purity of the as-synthesized samples; please take on other characterizations, i.e., ICP, EDX, so that it will guarantee the purity of samples. 3. The authors should give the reasons that affect the capacity.	1. The TGA data has included in the result and discussion part. 2. Series of EDX spectra have taken and the purity of the material has recorded. The material is found 96% pure. 3. The sizes of the particles i.e. the surface areas of the material affect the capacity retention. The large surface area or small size particles retain the high capacity because the reaction basically occurs at the surface of the material.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		