



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2013_IRJPAC_7586
Title of the Manuscript:	Synthesis and structure-property relations in $\text{Ce}_{4-x}\text{Ca}_1+x\text{Fe}_5-x\text{Zn}_x\text{O}_{14+\delta}$ ($0 \leq x \leq 0.45$) (T1-T4: $x=0, 0.15, 0.30$, and 0.45) oxide systems
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	The manuscript reported the synthesis and characterization of the $\text{Ce}_{4-x}\text{Ca}_1+x\text{Fe}_{5-x}\text{Zn}_x\text{O}_{14+\delta}$ ($0 \leq x \leq 0.45$) (T1-T4: $x=0, 0.15, 0.30$ and 0.45). The paper is original and is deserved to be published in International Research Journal of Pure and Applied Chemistry. However, some revisions should be considered before the publication. (1) The Introduction emphasises on the nanomaterials. However, the synthesized products belong to submicroscale materials. Therefore, the Introduction should be re-written. (2) The figures should be re-marked. Most symbols are very small and are difficult to be distinguished. (3) What is the role of EPR analysis?	1. We aimed at nanosize particles but we ended up in submicroscale materials. So the introduction is general introduction covering solid state materials. 2. the marks in the figure are default which was generated by the software itself. 3. EPR analysis is to find the shape and geometry of the materials what we have synthesized for eg., octahedral or tetrahedral or distorted etc.,
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		I express my gratitude to the reviewer for valuable suggestion.