



SDI Review Form 1.6

Journal Name:	Advances in Research
Manuscript Number:	2014_AIR_10142
Title of the Manuscript:	POSSIBLE SONOCHEMICAL SYNTHESIS OF NANOSIZED PARTICLES MIXED LIGAND METAL COORDINATION POLYMERS DERIVED FROM 1,3-DI(4-PYRIDYL)PROPANE AND BENZIMIDAZOLE
Type of the 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.

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(<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)
Compulsory REVISION comments	<p>The paper entitled "Possible sonochemical synthesis of nanosized particles mixed ligand metal coordination polymers derived from 1,3-di(4-pyridyl)propane and benzimidazole" is well constructed and gives valuable experimental data on coordination polymer chemistry as well as on coordination chemistry. Some minor corrections are marked in the manuscript itself. However, the method for calculation of kinetic data is not acceptable according to ICTAC Kinetics Committee recommendations (Thermochimica Acta 520 (2011) 1–19): "...one can be recommended to follow certain steps in performing kinetic computations. The first step obviously is obtaining quality kinetic data at no less than three different temperature programs. The second step is to apply an isoconversional method. Obtaining the E_a vs. α dependence is by itself sufficient for making kinetic predictions. If the latter is the sole goal of kinetic analysis then further computations may not be necessary."</p> <p>If the author(s) are willing to perform additional thermal measurements and recalculate the values of the kinetic parameters according to ICTAC recommendations, the paper could be acceptable for publication.</p>	<p>-The marked corrections were made on the manuscript and indicated with yellow colour.</p> <p>- The kinetic data and the method of calculation were omitted from the manuscript because we are not willing to perform additional thermal measurements and recalculate the values of the kinetic parameters.</p>



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<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		