



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	2014_ACSj_14764
Title of the Manuscript:	Photocatalytic degradations of malachite green on magnetically separable Ni _{1-x} CoxFe ₂ O ₄ nanoparticles synthesized by a hydrothermal process
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	Manuscript has lots of grammatical errors that should be corrected before publication. The errors are found on every page and cannot be all listed here. -Abstract- Particle size is mentioned without the technique from which such size was analysed (e.g. from XRD or SEM). -Vergard's law was linked to replacement of ions in ferrites lattices rather than defects or vacancies (pg 7.) -Descriptions of SEM particle shapes as spherical differ from the cubic-like shapes on all the micrographs though with varying sizes. -FT-IR bands discussed were different from the assigned peaks. -Line 248-251 should be re-written for clarity.	The language errors have be carefully corrected. The particle sizes are determined by XRD analysis. The data determined by SEM analysis are deleted. Line 248-251 have be rewritten
<u>Minor</u> REVISION comments	Reference 3 is of different style.	The style of the reference 3 has be corrected
<u>Optional/General</u> comments	Lots of work and good results presented	