



SDI Review Form 1.6

Journal Name:	Chemical Science International Journal
Manuscript Number:	Ms_CSIJ_43904
Title of the Manuscript:	Analysis of Pure and Ag-Doped TiO2 Thin Films Deposited by Field Assisted Spray Pyrolysis.
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. 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>)

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	This is an excellent paper which reports the structural and optical properties of Undoped TiO2 and 5% Ag-doped TiO2 nanoparticles under visible light irradiation. The results presented are consistent. I would just like to recommend to the author: - Review the formatting of some figures in the text (the bold strokes of Figures 5 and 6, make it difficult to understand); - All equations must be developed in the text file (do not use images); - In the context of innovation, as the author considers emerging technologies such as perovskite material?	Thank you Sir, for the comments and. Base on the points you mentioned 1) The results for the Undoped TiO₂ show that the samples are of trigonal crystalline phase of TiO₂ and the results for Doped shows that the Ag doped TiO₂ are crystalline in nature. The x-ray spectra were matched with the standard data using Match3 software. The result corresponds to the Crystallography Open Database (COD) entry file number of 96 – 153 – 7225. For plotting of the graph, I used Origin Pro.8(software)
<u>d Minor</u> REVISION comments		2) The equations have been developed in the text file as you requested except calculations on of $h\nu(eV) = \frac{hc}{\lambda_0}$ which will look cumbersome if developed in text file
<u>Optional/General</u> comments		3) Ok Sir, will put that into consideration. Thank you Sir.