



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	2013_ACSj_7662
Title of the Manuscript:	Modeling of advanced photo oxidation of alizarin red s dye using TiO2 as synsityzer
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>)



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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 author start the first mistake about TiO_2 in title of this paper. TiO_2 is not a "synsityzer" (this word not existis), TiO_2 is a semiconductor. Is possible find in the paper mistake like TIO_2 or TiO2 , many sentences this reviewer not understand. The author did not care when writing this paper. All time the author said adsorbent for TiO_2 and in title said photo-oxidation. Probably, the author don't know the mechanism of TiO_2 . The experimental part and discussion is very poor, the author don't explain our results based in literature. The author don't explain because choose made a theoretical study. The photocatalytic degradation of alizarin dye s is exhaustively studied in the literature. The evaluation of degradation of the dye only for UV-Vis is not reliable, the TOC measurements is necessary.	TiO_2 photocatalyst
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	This article presents serious mistakes as knowledge basic photodegradation. This author not know about photocatalytic degradation mediated TiO_2 . The writing of the manuscript has a lot of mistakes about spell, grammatical and connection of information.	Checked.