



SDI FINAL EVALUATION FORM 1.1

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_11049
Title of the Manuscript:	Synthesis and Glass immobilization of carbon and nitrogen doped TiO ₂ -SiO ₂ and its effect on E. coli ATCC 25922 bacteria
Type of the Article	

Part 2.

<u>Final Evaluator's Comments (if any)</u>	Author's response to final evaluator's comments
In this corrected version of the manuscript mentioned "carbon and nitrogen doped TiO₂-SiO₂ and its effect on E. Coli...", was observed answer to all the questions initially pointed and substantian changes in order to improve the understand and sense of it. Furthermore, Reviewer observed the inclusion of new figures and references to suport better the results of the document. Specially usefull result the nature of the carbon or nitrogen structures presence, until in low percent, in the sustrate; the presence of carbonate or N-Ti-N groups in the titanium network. With those data readers can take in mine a better idea of the synthesized systems. Apparently, the carbon or nitrogen TiO₂ substrates inhibit in some way the radical generation, it could be produced by the substitution of oxygen by nitrógens or the aproximation of the carbonate groups over the surface of the substrate. Authors should be in mind those events for its explanations and summary.	We appreciate your evaluation of our paper and your very useful suggestions. We are happy that this led to an improvement in the understanding of the work. We appreciate the evaluator's suggestion that doping could have inhibited radical generation by the substitution of O atoms with N as well as the possible close presence of carbonate groups over the surface of the substrate. It is a credible suggestion which has now been incorporated in our explanation and summary. Thank you for the suggestions.