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| Book Name: | [**Chemical and Materials Sciences: Developments and Innovations**](https://www.bookpi.org/bookstore/product/chemical-and-materials-sciences-developments-and-innovations-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4345** |
| Title of the Manuscript: | **Synthesis and characterization of TiO2/CuMnO2 heterostructures for UV photodetector application** |
| Type of the Article | **Book Chapter** |

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| PART 1: Comments | | |
|  | Reviewer’s comment | Author’s Feedback*(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimumof 3-4 sentences may be required for this part.** | This book chapter describes experimental work on Ibuprofen Synthesis and characterization of TiO2/CuMnO2 heterostructures for UV photodetector application, this research provides the useful information for the readers working in this field. This book chapter is written almost with all the minute details regarding topic and results are well described. The manuscript can be accepted without revision –in its original form. |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** |  |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **Yes** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Yes references are sufficient and recent.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Yes |  |
| Optional/Generalcomments | This chapter decribes systematically all sensor fabrication steps with proper visual art.  The film is characterized by different characterization methods for proper analysis of its characteristics and properties helpful for its sensor applications.  All the results of characterization is well explained. Electrical and photo-detective properties are well described.  Justification of all experimental results are provided. |  |

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| **PART 2:** | | |
|  | **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)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* |  |

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| **Reviewer Details:** | |
| Name: | **Darshana T. Bhatti** |
| Department, University & Country | **VVP Engineering College, India** |