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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\_4061** |
| Title of the Manuscript: | **Conductivity and Bandgap Engineering in PVA-TiO2 Nanocomposites for Optoelectronic Device Applications** |
| 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 minimum of 3-4 sentences may be required for this part.** |  |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **appropriate** |  |
| 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. | **Suitable and I have nothing to add** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes, scientific and methodical** |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **Arranging sources in a uniform format according to the journal system** |  |
| Is the language/English quality of the article suitable for scholarly communications? | Appropriate |  |
| Optional/General comments | **1-The methodology employed to calculate Urbach's energy in the diagram is erroneous. A thorough review of the extant research is imperative to rectify this inaccuracy and accurately cite the prevailing legislation for the calculation of Urbach's energy.**  **2- The calculation of grain size, microstrain, stress, and texture coefficient is derived from XRD analysis.**  **3 - Fixing the value of the particle size resulting from (FESEM)** |  |

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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:** | **Dawood Salman Abd Al-Kader** |
| **Department, University & Country** | **Iraq** |