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| Book Name: | **INTRODUCTION TO PSEUDOBROOKITES: SYNTHESIS AND EXPERIMENTAL TECHNIQUES** |
| Manuscript Number: | **Ms\_BPR\_4718** |
| Title of the Manuscript: | **INTRODUCTION TO PSEUDOBROOKITES:SYNTHESIS AND EXPERIMENTAL TECHNIQUES** |
| Type of the Article | **Complete Book** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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 paper on pseudobrookite is important because dedicated to the bibliography of the pseudobrookite phase is of great scientific importance. Such a resource provides a comprehensive reference for researchers, facilitating access to historical studies, recent advancements, and diverse applications of pseudobrookite in materials science, mineralogy, and catalysis.** |  |
| **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. | **The preface contains details that are already covered in the introduction. It should be revised to avoid redundancy and instead provide a general overview of the study's main themes.** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **- It is necessary to review and improve the text of the present article in terms of writing**. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **NO** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes** |  |
| Optional/Generalcomments | **-The diagrams and figures lack clarity; please enhance their resolution and readability.**  **- Use appropriate software to draw the molecular structures of the compounds.**  **- Include new references from 2025 and incorporate the latest relevant studies.**  **- Add a summary at the end of each chapter to improve readability and provide key takeaways.**  **- Please add the most recent references, including studies from 2025, to ensure the manuscript reflects the latest advancements in the field.**  **- The FTIR spectra analysis should be improved. It is recommended to use specialized software such as OriginPro, Spectragryph, or OPUS (Bruker) for better spectral processing and visualization. Additionally, consider enhancing the clarity of the spectra by optimizing baseline correction and peak fitting. If available, comparative analysis with reference spectra from databases (e.g., Bio-Rad KnowItAll) would strengthen the interpretation. Providing detailed annotations and discussing the key functional groups observed will enhance the scientific rigor of the analysis."** |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment*(if agreed with the 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 detail)* |  |

**Reviewers:**

**Hind Agourrame, Mohammed V University of Rabat, Morocco**