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| Book Name: | [Chemical and Materials Sciences: Research Findings](https://www.bookpi.org/bookstore/product/chemical-and-materials-sciences-research-findings-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4519** |
| Title of the Manuscript:  | **3D Cobalt-MOF/CNF Assemblies as Bifunctional Electrocatalysts for Efficient Water Splitting in Alkaline Media** |
| Type of the Article | **BOOK CHAPTER** |

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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.** | **Fine** |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | **Good**  |  |
| 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. | **Good**  |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Good**  |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.****-** | **Good**  |  |
| Is the language/English quality of the article suitable for scholarly communications? | Good |  |
| Optional/Generalcomments | This manuscript presents a well-structured study on the synthesis and electrochemical performance of a Co-MOF/CNF composite as a bifunctional electrocatalyst for water splitting in an alkaline medium. The research is scientifically sound, supported by extensive characterization techniques and electrochemical analyses. The findings are significant in the field of renewable energy and catalysis, particularly for hydrogen production.Accept the manuscript. |  |

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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: | **Shridhar N Mathad** |
| Department, University & Country | **KLE Institute of Technology, India** |