

Review of: "A Mini-Review On MXene Based Textiles For Electromagnetic Interference Shielding Application"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

Manuscript entitled "A Mini-Review On MXene Based Textiles For Electromagnetic Interference Shielding Application" is very much immature to be published in any journal as a review article. However it might be improved with some modifications as mentioned below:

Abstract doesn't justify fully the subject matter of the review article. Authors need to provide precise information about the topic of concern while writing the abstract.

The manuscript lacks citation of most of the established facts that needs to be cited properly. Such as in introduction section 2nd paragraph, the authors need to cite few literature that describes textile based materials as the desired EMI shielding material. Also the well establishment of MXene as EMI shielding material needs to be cited.

Imcomplete sentences such as "But the lack of processability and difficulty in transforming them into usable structures". Sentence correction needed throughout the manuscript such as in line ".....absorbs and reflects waves rather than reflecting them".

Thorough language improvement needed throughout the manuscript.

Equation numbers missing.

The manuscript provides general views on MXene based EMI shields and does not provide an in depth analysis of MXene as an EMI shielding material. Moreover 38 references are not sufficient to project most of the scopes of any material to be considered in a review paper.

The synthesis methods of MXene needs to be discussed in details sequentially.

Brief literature review on various MXene based EMI shields (MXene based foams, MXene based aerogels etc) must be discussed and the advantages of MXene based textiles in comparision to other MXene based EMI shields (MXene based foams, MXene based aerogels etc) must be mentioned.

Authors need to clarify primary and secondary mechanisms of shielding as reflection or absorption w.r.t. metals, carbon allotropes (graphene, CNT etc) based metal/polymer composites and MXenes. Further, the mechanism of reflection where author describes oscillating charges as antenna doesn't seem to be correct and needs proper investigation.

The concluding remarks should specify the highest value of EMI SE achieved for MXene based textiles for the particular frequency band as obtained from the literature review.