

Review of: "Investigating the Mechanical and Tribological Effects of MoS₂ Reinforcement in AZ91 Magnesium Alloy: A Comprehensive Experimental Study"

Abhijit Bhowmik

Potential competing interests: No potential competing interests to declare.

The paper is well written but needs some major corrections mentioned below.

1. Clarify the significance of the study early on to engage readers and provide a clear understanding of the research objectives.
2. Include more detailed descriptions of the experimental setup and methodology to enhance reproducibility and validity of the results.
3. Provide a thorough discussion of the implications of the findings in the context of existing literature to demonstrate the novelty and contribution of the study.
4. Consider expanding the discussion section to explore potential applications and future research directions based on the results obtained.
5. Incorporate more visual aids such as graphs, tables, and diagrams to supplement the text and improve the overall presentation of the data.
6. Ensure consistency in terminology and formatting throughout the paper to enhance readability and coherence.
7. Address any limitations or constraints encountered during the study to provide a comprehensive understanding of the research process.
8. Add some relevant literature: <https://doi.org/10.1016/j.matpr.2020.02.242>, <https://doi.org/10.1016/j.matpr.2020.02.619>, <https://doi.org/10.1177/09544089231159777>, <https://doi.org/10.1007/s12008-023-01583-3>, <https://doi.org/10.1155/2022/9487900>