

Review of: "The Influence of Hot Extrusion on The Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates"

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Potential competing interests: No potential competing interests to declare.

1. In my opinion, the structure of the paper should be divided into a chapter titled Materials and Methods for better clarity.
2. How many samples were prepared, and how many repetitions were performed for the proposed studies? Were the results statistically significant?
3. How was the density and porosity determined?
4. All graphs should be uniform, meaning they should be created following the same template/pattern.
5. The presented results should be discussed, explaining what caused the change in mechanical properties (tensile and compressive strength, elongation at break, and Young's modulus) compared to the reference samples.
6. Graph number 8 should be larger.
7. How were graphs 8 and 12 created?
8. SEM images in Figures 14-17 are very blurry.
9. The conclusion should include a few sentences about the prospects for using the obtained results.
10. The topic is already quite well-known and not very innovative.