

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

Abdullah Aslan¹

¹ Konya Technical University

Potential competing interests: No potential competing interests to declare.

The authors presented an article about "Wear and mechanical properties of AL6063 mmcs' produced by hot extrusion." I think the experimental procedure is satisfactory, but there are some problems with presentation. For this reason, it should be rejected.

1. Demonstrate in the abstract novelty, practical significance. The abstract should contain expanded sentences related to the results. The results of the study should be given as numerical percentages.
2. The introduction part is well-organized, yet there is a reference problem. First, your reference list contains a few papers from the Applied Sciences journal. If your work is convenient for this journal's context, then there are many references from this journal. Secondly, cited sources should be primary ones. Namely, the indexed area shows the power of a paper and directly affects your paper's reliability. Please make regulations in this direction.
3. It is necessary to give quantitative and qualitative indicators of the proposed method in the conclusion. Conclusions should be written in more detail, adding numeric data. The conclusions section is inadequate. There should be a discussion of the importance of the study in detail, a comparison of results with other approaches in the literature, and the success of the prediction and computational results.
4. Figures should be more attentive. There are both resolution problems and others. In addition, there are no error values on the graphs.
5. Results, discussion, and conclusion parts are inadequate according to citation and analysis in detail.
6. Improve the results, discussion, and conclusion parts.
7. There are typographical and eventual language problems in the paper.