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.

Dear Editor

I am writing to submit my review of the manuscript titled "The Influence of Hot Extrusion on The Mechanical and Wear Properties of an Al6063 Metal Matrix Composite Reinforced With Silicon Carbide Particulates". I have carefully evaluated the manuscript and provided my detailed assessment and feedback.

1. Authors have to use the recent references mentioned below to improve the introduction part.

- Fracture analysis of AA6061-graphite composite for the application of a helicopter rotor blade, Frattura ed Integrità Strutturale, 58 (2021) 191-201. DOI: 10.3221/IGF-ESIS.58.14.
- Taguchi's method of optimization of fracture toughness parameters of the Al-SiCp composite using compact tension specimens. An International Journal of Optimization and Control: Theories &Amp; Applications (IJOCTA), 11(2), 2021, 152–157. https://doi.org/10.11121/ijocta.01.2021.00990.
- Effect of the addition of SiC particles on the microstructure and hardness of the Al-SiC composite, Metallurgical and Materials Engineering, 27(1) 2021, 49-56. https://doi.org/10.30544/590.
- Dry sliding wear simulation of hybrid aluminum metal matrix composites, Advanced Composites and Hybrid Materials, Springer, Vol.3, iss.1, pp.120–126, (2020). https://doi.org/10.1007/s42114-020-00133-9.
- Effect of heat treatment on the wear behavior of hybrid aluminum metal matrix composites, Tribology in Industry, vol.41, iss.3, pp.344-354, 2019. DOI: 10.24874/ti.2019.41.03.04.
- Material characterization of SiC and Al2O3 reinforced hybrid aluminum metal matrix composites on wear behavior, Advanced Composite Letters, SAGE, vol.28, pp.1-10, 2019. DOI: 10.1177/0963693519856356.
- Effect of the addition of SiC and Al2O3 on the wear behavior of hybrid aluminum metal matrix composites, ACTA TECHNICA CORVINIENSIS – Bulletin of Engineering, Vol. 12, Fascicule 1, 2019, pp 43-52.

1. Font size used in Graphs 1-7 is very large, and in graphs 8 and 11, it is very small. Maintain the same font size in all the Graphs. It is also advised to use Sigmaplot or Origin instead of Excel.
2. Figures 1-4 are of very bad quality. Provide the high-quality images with 300 dpi.
3. Graphs 14-17: The SEM image quality is very low. Provide high-quality images. Also, add magnification details to all SEM images.

4. Check for a consistent use of terminology and ensure that there are no grammatical errors.
5. There are some spelling and grammatical errors in the text. All papers must be reviewed carefully.