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# shawnam rashied jalal [<shawnam.jalal@su.edu.krd>](mailto:shawnam.jalal@su.edu.krd)

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1 message

**Materials Science and Technology** [<em@editorialmanager.com>](mailto:em@editorialmanager.com) Sun, Dec 4, 2022 at 11:16 PM Reply-To: Materials Science and Technology [<ymst-peerreview@journals.tandf.co.uk>](mailto:ymst-peerreview@journals.tandf.co.uk)

To: shawnam rashied jalal [<shawnam.jalal@su.edu.krd>](mailto:shawnam.jalal@su.edu.krd)

MST19699

Research Progress on Ceramic Nanomaterials Reinforced Aluminum Matrix Nanocomposites Materials Science and Technology

Dear Dr. jalal

Thank you for agreeing to review the above manuscript for Materials Science and Technology. We should be grateful if you could comment on its technical merit and suitability for publication. Please submit your comment online according to the instructions below. I would appreciate receiving your review by 25 Dec 2022.

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Materials Science and Technology

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**shawnam rashied jalal** [**<shawnam.jalal@su.edu.krd>**](mailto:shawnam.jalal@su.edu.krd)

**Invitation to review MST19699, Materials Science and Technology**

1 message

**Kip O Findley** [<em@editorialmanager.com>](mailto:em@editorialmanager.com) Wed, Nov 30, 2022 at 1:11 PM Reply-To: Kip O Findley [<kfindley@mines.edu>](mailto:kfindley@mines.edu)

To: shawnam rashied jalal [<shawnam.jalal@su.edu.krd>](mailto:shawnam.jalal@su.edu.krd)

MST19699

Research Progress on Ceramic Nanomaterials Reinforced Aluminum Matrix Nanocomposites Dr Subrata Mondal

Materials Science and Technology Dear Dr. jalal,

We have received the above submission to Materials Science and Technology, and it has passed an initial evaluation by the journal Editor.

I would be particularly grateful for your help in reviewing this manuscript. The abstract follows below, and you can view the entire PDF file at: [View Submission](https://www.editorialmanager.com/mst/l.asp?i=386210&l=7PLTE2AC).

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With kind regards, On behalf of,

Kip O Findley Editor

ABSTRACT

This abstract of this submission is as follows:

Aluminum matrix nanocomposites are high specific strength advanced materials with aluminum or its alloy as matrix material. Major disadvantages of aluminum as matrix for the nanocomposite are poor mechanical properties, low hardness, poor wear resistance etc. Reinforcing a suitable material in the aluminum matrix could improve properties of pure materials. An attempt has been made in this review paper to assess and ascertain recent research progress on ceramic nanoparticles reinforced aluminum matrix nanocomposites. The paper presents a review and overview for manufacturing, microstructure, properties and applications of various ceramic nanomaterials reinforced aluminum/alloy matrix-based nanocomposites and attempts to identify potential areas of research to be undertaken in future.

Materials Science and Technology is edited by Dr R. Rana, Tata Steel, The Netherlands, Professor Kip Findley, Colorado School of Mines, USA and Dr. Nick Jones, University of Cambridge, UK. The journal is published by Taylor and Francis on behalf of the Institute of Materials, Minerals and Mining (IOM3).

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