

JOM Call for papers

An official publication of The Minerals, Metals & Materials Society

Publication Date: *March 2023*

Manuscript Deadline: *September 1, 2022*

2D Materials – Preparation, Properties & Applications

Since the discovery of graphene, interest in basic and applied research in 2D-materials has been on the rise. Challenges and opportunities continue to grow in the areas of process-property-performance correlations in 2D-materials. This special topic will include coverage of: methods of fabrication and material properties; top-down approach – mechanical exfoliation, liquid phase exfoliation, ball-milling based exfoliation; bottom-up approach – chemical vapor deposition, wet chemical synthesis, and hydro/solvothermal synthesis; and device fabrication, properties, and applications.

Original research papers should be 3,000-9,000 words with up to 12 figures maximum; review papers should be 6,000-11,000 words with up to 20 figures maximum.

Detailed author instructions are available at:

<http://www.tms.org/AuthorTools/>

Keywords for this topic: **Advanced Materials; Characterization; Electronic Materials; Magnetic Materials; Nanotechnology; 2D Materials; Preparation; Properties; Applications**

Guest Editor(s): Nugehalli Ravindra, Ramana Chintalapalle, Gerald Ferblantier and Sufian Abedrabbo:

nmravindra@gmail.com; rvchintalapalle@utep.edu; gerald.ferblantier@unistra.fr; sufian.abedrabbo@ku.ac.ae

Committee Sponsor(s): **Thin Films and Interfaces**

If you are interested in submitting a paper, upload your manuscript at <https://www.editorialmanager.com/jomj/>

Please note that all submissions will be subject to peer review. Submission does not guarantee acceptance.

For more information on JOM, please visit jom.tms.org