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## MXene/Polymer Nanocomposites: Preparation, Properties, and Applications

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (20 May 2023)**

### Message from the Guest Editor

Dear Colleagues,

MXenes are emerging 2D materials that find wide applications in energy, biomedical, sensing, environmental remediation, and many more fields. Materials based on MXenes (2D transition metal carbides and/or carbonitrides) show exceptional structural properties, such as active sites, chemical stability, large interlayer spacing, high surface area, and affinity to bind with other materials. On the other hand, polymeric materials show high mechanical strength, thermal stability, and processability. Mxene-based materials show some drawbacks which could be taken care of by making composites with polymeric materials. The goal of this Special Issue is to cover recent developments in Mxene-based polymeric composites for many advanced applications. High-quality original research and review articles on topics such as energy generation and storage, sensors, biomedical, environmental remediation, etc. are welcome to this Special Issue.



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# Special Issue



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## Message from the Editor-in-Chief

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