

## Special Issue

# Advances in Graphene-Based Composites: From Synthesis to Applications

### Message from the Guest Editors

This Special Issue aims to bring together the latest advancements on graphene-based composites from various fields. We encourage scholars to contribute original research articles, reviews, and perspectives that explore the synthesis, characterization, functionalization, and applications of graphene composites. Potential topics of interest include, but are not limited to:

- Novel synthesis methods and scalable production techniques for graphene composites.
- Characterization techniques to elucidate the structure and properties of graphene-based materials.
- Functionalization and hybridization strategies to tailor the properties of graphene composites.
- Advances in the application of graphene composites in energy storage, electronics, catalysis, sensors, and biomedical devices.
- Mechanical, electrical, thermal, and chemical properties of graphene-based composites.
- Theoretical modeling and simulation studies related to the behavior of graphene composites.

We look forward to receiving your valuable contributions.

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### Guest Editors

Dr. Niranjan Patra

Department of Engineering Chemistry, Koneru Lakshmaiah Education Foundation (KL University, Deemed), Greenfield, Vaddeswaram, AP, India

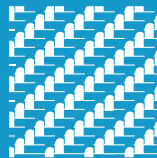
Dr. Sayan Ganguly

Department of Chemistry, University of Waterloo, Waterloo, ON, Canada

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### Deadline for manuscript submissions

closed (31 December 2024)



## Journal of Composites Science

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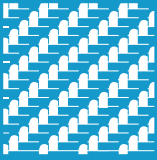
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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
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[jcs@mdpi.com](mailto:jcs@mdpi.com)

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#### Editor-in-Chief

Dr. Francesco Tornabene

Department of Innovation Engineering, University of Salento, 73100  
Lecce, Italy

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