# Special Issue

# Graphene Composites: Optoelectronic Properties and Applications in Chemical Sensing

## Message from the Guest Editors

Graphene composites have received widespread attention in the field of chemical sensing due to their excellent electron mobility, large surface area, high optical transparency, and excellent mechanical strength. This special issue aims to provide new insights and achievements on graphene-based chemical sensors, which are not limited to changes in physical and chemical properties of light or electricity. Due to graphene's high electronic conductivity and surface reactivity, its application scenarios are widely found in biomolecules, such as glucose, cholesterol, DNA, proteins, etc; environmental pollutants, such as heavy metals, organic compounds, pH changes in water sources, and trace amounts of explosives; monitoring levels of various medications to help health professionals tailor appropriate drug dosages to patients. All these applications of graphene composites in chemical sensing are not exhaustive and are growing as research advances in the field continue to reveal new discoveries of potential uses.

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## Deadline for manuscript submissions

closed (28 February 2025)

**Molecules**

an Open Access Journal by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed

mdpi.com/si/212509

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