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Advanced Graphene and Graphene Oxide Materials (2nd Edition)

Guest Editors:

Prof. Dr. Victoria Samanidou

Laboratory of Analytical
Chemistry, School of Chemistry,
Aristotle University of
Thessaloniki, 54124 Thessaloniki,
Greece

Prof. Dr. Eleni Deliyanni

Chemistry Department, Aristotle
University of Thessaloniki,
GR54124 Thessaloniki, Greece

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Message from the Guest Editors

Graphene and graphene oxide are widely applied as successful sorbent materials for various compounds obtained from biosamples and surface water samples. Therefore, they are suitable for future use in numerous biomedical and environmental applications.

Moreover, their functionalization with magnetic nanoparticles can lead to magnetic sorbents, thus allowing convenient sample treatment via magnetic separation.

To date, a plethora of graphene and graphene oxide materials have been synthesized and successfully employed for the solid-phase extraction of organic compounds from environmental and biological samples. The unique properties of these materials enrich the analytical toolbox available for the analysis of various organic compounds in various matrices and make them precise and valuable means for handling analytical and environmental issues.

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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Materials Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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