

Special Issue

Molecular Structure, Function and Application of Graphene Materials

Message from the Guest Editor

Even 20 years after its initial discovery, graphene continues to expand its areas of application. Almost any molecule adsorbed on its surface leads to a detectable change of its electronic or molecular structure what may result in significant change of its properties. Successful engineering with the crystal structure of the graphene and other 2D materials leads to opening of the bandgap and therefore for the wide variety of applications in nanotechnology, encompassing (opto-)electronics, spintronics, sensorics, as well as surface science and biochemistry. In the Special Issue, we welcome novel and original publication on the topics related to the manipulation with the graphene's properties, characterization of its molecular structure and possible application.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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