

Special Issue

Application of Graphene-Based Materials in Sensors and RF Electronics

Message from the Guest Editors

Since its discovery in 2004, graphene and graphene-based materials have been intensively investigated due to their unique properties including better flexibility and mechanical stability compared to their metal counterparts, unique electrical and thermal conductivity, as well as environmental benignancy. All these properties make graphene-based materials well suited for next-generation electronic devices. This Special Issue aims to survey recent progress in the development of the synthesis strategies of graphene-based materials, including graphene sheets, graphene films, and graphene inks and to explore the potential applications of these materials in the fabrication of next-generation RF/microwave electronics for 5G and wearable sensors for body-centric communications. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Guest Editors

Prof. Dr. Daping He

School of Science, Wuhan University of Technology, Wuhan 430070, China

Prof. Dr. Bian Wu

School of Electronic Engineering, Xidian University, Xi'an 710055, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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Message from the Editorial Board

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editors-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

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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