

Special Issue

Quasi Two-Dimensional Interfaces

Message from the Guest Editor

Recent attention has been drawn to two- and quasi- two dimensional materials. While graphene has drawn most of the initial attention, other 2-D materials exist, either in pure or complex forms. These structures are very sensitive to interactions with other material components, situated at their surface . This brings us to the role of an interface, its characteristics, and its related applications. An interface may be defined by the wavelength with which we interrogate it. For example, plasmonic interfaces may have an interaction length, which is larger than their physical dimensions. The focus of this Special Issue is on the role of an interface, as defined by the interrogating wavelength. Contributions are sought throughout all wavelength scales. Topics may include (but are not limited to):

- Metastructures and patterned plasmonic interfaces;
- Interfaces of nano-materials;
- Linear and nonlinear interrogation techniques (absorption, Raman, fluorescence, photo-luminescence, time-resolved spectroscopy, etc.);
- Imaging techniques that reveal the role of the interface.

Guest Editor

Prof. Dr. Haim Grebel

Nonlinear Nanostructures laboratory, Electrical and Computer Engineering, New Jersey Institute of Technology, Newark, NJ, USA

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

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Message from the Editor-in-Chief

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.

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

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