Special Issue

Investigating the Electronic Properties of 2D Materials and Layered Materials

Message from the Guest Editor

This Special Issue aims to gather reviews and original research papers reflecting the rich diversity of the current research experimentally and theoretically addressing the electronic properties of 2D materials and layered materials. Research areas may include (but are not limited to) the following: 2D topological insulators and semimetals, flatband materials, magnetism, density waves and superconductivity in 2D and layered materials, transition metal mono- and dichalcogenides, non-layered 2D materials, borophene and borophene derivatives, van der Waals heterostructures and 2D and layered alloys. Contributions addressing the fabrication and characterization of devices taking advantage of electronic properties of 2D and layered materials or their influence on their optical or chemical properties will be also welcome.

Guest Editor

Dr. Antoine Fleurence
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Deadline for manuscript submissions

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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.

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