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Emerging Electronic Device Materials

Guest Editor:

Prof. Dr. Mingxing Du
Tianjin Key Laboratory of Control Theory & Applications in Complicated System, Tianjin University of Technology, Tianjin 300384, China

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Message from the Guest Editor

Electronic materials are widespread in modern society. This Special Issue will include a large variety of materials and related device technologies, such as nanostructures, conventional semiconductors (Si, Ge, SiGe, GaAs, etc.), wide-bandgap semiconductors (SiC, GaN, Ga2O3, ZnO, AlN, diamond, etc.), heterostructures, nanowires, 2D materials and compounds, optical and energy harvesting materials, etc. In addition, the development and application of advanced characterization techniques for electronic materials and devices are also in line with the scope of this SI. The topics of interest include, but are not limited to, the following:

- Dielectric and ferroelectric materials;
- Optoelectronic materials;
- Thermoelectric materials;
- Wide-bandgap semiconductor devices ;
- Organic semiconductors and their devices;
- Spintronic materials, devices and instrumentation;
- 2D materials and novel devices;
- Organic and perovskite electronic devices.

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Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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