Special Issue

Memory Devices Based on Two-Dimensional Materials

Message from the Guest Editors

We are pleased to invite you to publish your research in this Special Issue on "Memory Devices Based on Two-dimensional Materials" in *Micromachines*. Memory devices are essential components of electronic systems, and their performance and power efficiency play important roles in determining the overall system performance. The emergence of two-dimensional (2D) materials has opened new possibilities for developing memory devices that offer higher performance and lower power consumption. This Special Issue aims to solicit relevant work in memory devices based on various 2D materials, including graphene, transition metal dichalcogenides (TMDs), black phosphorus, 2D organic materials, etc. The research directions include but are not limited to the preparation of new materials, improvement of device structures, applications of storage devices, simulations of device and materials, etc. In this Special Issue, original research articles and reviews are welcome.

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You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

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