Special Issue

Advanced Technologies in Memristor Devices

Message from the Guest Editors

In the present era, advanced materials are taking a breakthrough in different sectors, such as health, electrical, computing, flexible electronics, automobiles, energy, and so on. A novel class of electrical circuits known as memristors has the potential to bring an end to the silicon age and fundamentally alter electronics. Memristors anticipate a new wave of innovation in electronics that will enable the packaging of even more bits into smaller spaces. Memristors could potentially bring some type of analogue information processing back into the computing world while supplementing transistors rather than completely replacing them in computer memories and logic circuits. It has demonstrated its efficacy in a variety of domains, including creating circuits, metal oxide computing computer process, crossbar arrays, phase change devices, neuromorphic computing, etc. The special issue on memristors will open a new avenue in the field of low power electronics. It will be useful for the up-and-coming, dynamic researcher to publish their findings/research.

Guest Editors

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Deadline for manuscript submissions

closed (31 August 2023)

Micromachines

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed

mdpi.com/si/161010

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