

Special Issue

Recent Advances in Semiconductor Devices and Materials

Message from the Guest Editors

Recent advances in semiconductor devices and materials have had a profound impact on various aspects of modern life, driving innovation and revolutionizing numerous industries. These advancements have been instrumental in the continuous improvement of electronic devices and computing technology, resulting in more powerful, energy-efficient, and compact devices. One significant impact has been witnessed in the field of computing. Semiconductor devices have also been pivotal in the growth of the telecommunications sector. The energy sector has also benefited from recent semiconductor advancements. Additionally, advances in semiconductor materials have opened up new possibilities in the field of sensors and actuators. In conclusion, this Special Issue is dedicated to recent advances in the field of semiconductor devices and materials. Keywords: MOS transistor; non-volatile memories; power devices; reliability; characterization; failure mechanisms; microwave devices; photonics; MEMS; energy efficiency

Guest Editors

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About the Journal

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.

Editor-in-Chief

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