

Special Issue

Recent Advances in Microwave Components and Devices

Message from the Guest Editors

The development of microwave components and devices has been quite impressive over the past decade. Advances in microwave components and devices have enabled a wide range of applications in communications, radar, navigation, remote sensing, automotive electronics, health care, as well as wireless/microwave power transmission. Additionally, microwave components and devices are becoming increasingly significant for 5G/6G networks, which require high-speed data transmission and low latency. As the demand for more powerful, efficient, and reliable microwave systems continues to grow, so too does the need for further development of microwave components and devices. This Special Issue focuses on recent advances in microwave integrated circuits, microwave transmitters/receivers, transceiver, amplifiers, passive components, antennas, and rectifying circuits in the domain of radar systems, 5G/6G communication systems, microwave and terahertz engineering, wireless/microwave power transmission, Internet of Things (IoT), energy harvesting, along with simultaneously wireless information and power transfer.

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Deadline for manuscript submissions

closed (20 October 2023)



Micromachines

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Impact Factor 3.0
CiteScore 6.0
Indexed in PubMed



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