Special Issue

Flexible Antenna for Microwave Application

Message from the Guest Editors

Flexible antennas are growing exponentially due to the demand for wearable technologies, Internet of Things (IoT) frameworks, point-of-care devices, custom medical platforms, 5G technology, wireless sensor networks, and small-form factor communications devices. to name a few, field. The choice of a non-rigid antenna is application-specific and depends on the type of substrate, materials used, processing methods, antenna performance and environmental factors. Numerous design advancements, novel materials and their qualities, innovative production techniques, and specialized applications exist. The demand for wearable and implantable devices for health monitoring systems and everyday wireless devices is one of the factors driving the rapid growth of the flexible wireless device market (e.g., cell phones, laptop computers, wearables, etc.). This has led to an upsurge in the development of flexible antennas in recent years, particularly for biomedical applications.

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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 guestedited by leading experts in selected topics of interest.

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