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Antenna Technologies for Wireless Sensing and Communications

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Message from the Guest Editors

In recent years, there have been significant advancements in antenna technology. One of the most important advances has been the development of small, low-profile antennas that can operate across a wide range of frequencies. These antennas are ideal for use in compact wireless devices such as smartphones, tablets, IoT, and wearable devices.

The use of smart antenna technology has also increased in recent years. Smart antennas can adapt their radiation pattern based on the location of the receiver, which can help to improve signal strength and reduce interference.

In addition to these technologies, there are also ongoing research efforts to develop new antenna technologies for wireless sensing and communications. Some of them include the use of metamaterials, and the use of terahertz radiation.

We believe that it is the right time to organize this Special Issue, and welcome any submissions related to antenna technologies for sensing and communications, such as: MIMO antennas; metamaterial antennas; AI for antenna designs; antenna measurements; et al. Hopefully, it will become an excellent reference source for people to learn the latest development in this important area.

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Message from the Editor-in-Chief

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