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Recent Advances in Wireless Power and Data Transfer System for Biomedical/Wearable/Healthcare Devices

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Deadline for manuscript submissions:

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Message from the Guest Editors

Biomedical devices have been successfully developed in a wide range of medical and neuroscience applications to treat disorders or monitor biological signals from patients. Wireless power transfer plays an essential role in receiving power from the outside so that biomedical devices can operate stably for a long time without replacing batteries. The data transfer techniques, called data telemetries, have been also widely used for biomedical applications with wireless power transfer to communicate with an external unit, control the parameters in the devices, and inform the monitoring status. In this Special Issue, we are focusing on recent advances in wireless power and data transfer systems for biomedical/wearable/healthcare devices. The topics covered in this Special Issue include but are not limited to theories and techniques for short- or long-distance wireless/data transfer, RF energy harvesting, and various applications of wireless power/data transfer for biomedical/wearable/healthcare devices. We invite contributions from researchers to submit their high-quality manuscripts for publication in this Special Issue.



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Special Issue



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Message from the Editor-in-Chief

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