Special Issue

Implantable Devices and Sensors

Message from the Guest Editor

Implantable sensors offer the prospect of real-time data capable of directing an immediate medical response. With advances in power and communication systems, the focus is shifting to ensuring that the sensors remain viable for the required duration of use. This issue looks at the latest advances in making sensors and active devices viable enough to justify their implantation. Of particular interest is innovation in sensors relating to identified clinical needs, technologies, and capabilities that support chronic utilization, particularly in terms of power, communications, and encapsulation. Another topic of great importance is the methods by which devices are deployed and, in many cases, retrieved. Of further interest is the issue of how to test devices, for example, the hermiticity of their packaging, as they get smaller.

Guest Editor

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Deadline for manuscript submissions

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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