Special Issue

Printed Microsensors and Applications

Message from the Guest Editor

Additive manufacturing and 3D printing technologies have recently demonstrated numerous improvements and innovations in making microsensors and microelectronics. Thus, it opens a new path of manufacturing for devices that previously were difficult to build, enabling, in addition, a wide array of applications in the fields of microsensors, microelectronics, and other nano and micro devices, among others. In addition, additive manufacturing reduces the cost by 10-100x as compared to conventional fabrication. In the last few years, the printing processes improved significantly; however, advancements are constantly being made in materials used, manufacturing processes, and applications that may be displayed. Therefore, this Special Issue mainly focuses on the printing technologies for microsensors, microelectronics and their applications in various industries.

Guest Editor

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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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