



Advanced Micro/Nano Biodegradable Sensors

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

Recent advances in biodegradable sensors introduced unusual classes of electronic devices, which dissolve, disintegrate, or otherwise physically or chemically decompose in a designed period without harmful residue. This biodegradable technology may enable eco-electronics that minimize electronic wastes or provide a new class of implantable bio-sensors that are able to temporarily monitor bio-activity in the body. Such types of biodegradable sensors can eliminate secondary surgery to remove it after medical treatments.

For this Special Issue, you are invited to submit contributions describing the development in the broad area of biodegradable sensors, ranging from nanoscale to macroscale in dimensions. The scope covers dissolution chemistry, materials processing, sensor structure, design strategy, and bio-compatibility for potential applications of biodegradable electronics.





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Editor-in-Chief

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Message from the Editor-in-Chief

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