Special Issue

Engineered Organic Electronics and Bioelectronics

Message from the Guest Editor

The rapidly emerging field of organic electronics and bioelectronics has witnessed the development of engineered conducting polymers (CPs) for low-cost, lightweight, and flexible organic electronic devices due to the needs and demands of the Internet of things (IoT). mobile and wearable sensors, and energy harvesting and storage. CPs possess extraordinary redox reversibility, and their biocompatibility and electrochemical properties have had a strong impact on advanced organic electronic devices. This Special Issue on "Engineered Organic Electronics and Bioelectronics" will, therefore, focus on original research papers and review articles dealing with cutting-edge technologies in engineered organic and hybrid organic materials. Topics of interest include (but are not limited to): material sciences, methodologies, engineering, and device integration for applications in such fields as sensors, biosensors, bionics, actuators (including controlled delivery systems), and organic capacitors and fuel cells.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2021)



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Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

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