



Research on Materials and Properties of Organic Thin Film Transistors

Guest Editor:

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Deadline for manuscript submissions:

closed (10 June 2022)

Message from the Guest Editor

Organic thin film transistors are essential for the proliferation of inexpensive, flexible, and stretchable electronics and sensors that will fuel the Internet of Things. However, in some cases, the current state of the art material leads to devices that cannot be translated to real-world products. Improvement in the device performance (not just charge mobility) is critical. New materials and new device structures as well as a better evaluation of current materials is necessary. Better comparisons between families of materials, stability studies, and more thorough evaluation of device performance such as contact resistance as a function of processing conditions and film morphology is absent from the literature. Circuit design and prototype development is therefore limited to only a few materials that are comprehensively analyzed. I invite you to submit original work focused on the development of organic semiconductors, dielectrics/electrolytes, electrodes, and interfaces in the OTFT. In addition to new materials, I invite you to report on the study of processing conditions and treatment of existing materials used in OTFTs.





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Message from the Editor-in-Chief

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