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Applications of Novel Nanomaterials in Flexible Organic Electronics

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Message from the Guest Editor

Dear Colleagues,

Flexible organic optoelectronic devices are in great progress due to the variety of applications, including curved or paper-like displays, flexible solid-state lighting devices, and bendable smartphones. However, the major challenge to their extensive commercialization is their low stability. For this Special Issue, we aim to highlight newly emerging nanomaterials employed in flexible organic optoelectronic devices. In particular, we will focus on nanomaterials serving as flexible substrates, transparent conductive electrodes, active layers, and interfacial layers.

Dr. Anastasia Soultati
Guest Editor

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Editor-in-Chief

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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call "nanomaterials". These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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