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Advanced Polymeric Materials in Sensors

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Deadline for manuscript submissions: closed (20 December 2023)

Message from the Guest Editors

Dear Colleagues,

Due to the easy modification of their chemical properties the ability to fine-tune their and reactivity. biocompatibility, flexibility, and resistance to degradation, polymeric materials make it possible to create microarrays with high stability, wide linear detection ranges, moreefficient electron transfer, short analysis time, and high specificity towards the target analyte. The combination of polymers and highly conductive nanomaterials ensures the special electrical and catalytic properties of the new material. Sensing strategies in polymer applications include their direct participation in the sensing mechanism or the immobilization of specific receptors. The Special Issue will disseminate research on recent developments in innovative fabrication methods, the sensing performance of new devices, and the mechanism of synergistic effect of the polymer composites' components.

Specialsue



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Editor-in-Chief

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Message from the Editor-in-Chief

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