Special Issue

Polymeric Nanocomposites for Flexible Sensor

Message from the Guest Editor

Polymeric nanocomposites are currently an area of increasing scientific as well as technical interest. Polymeric nanocomposites can be synthesized for various applications by the proper selection of the matrix, nano-reinforcement material, synthesis method and surface modification of either the reinforcement or polymer. This Special Issue invites original papers and reviews reporting on recent progress in the following areas:

- Fabrication methods of the polymeric nanocomposites for flexible sensors;
- Chemical and physical surface modification of polymeric nanocomposites to improve sensing performance;
- Next-generation polymeric-nanocomposite-based flexible sensors;
- Integration process of polymeric-nanocomposite-based biosensors into smart devices and their point-of-care testing;
- Properties of polymeric-nanocomposite-based biosensors;
- Biological properties of polymeric-nanocomposite-based biosensors.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2020)

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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