Special Issue

Polymers and Biomaterials Based Sensors

Message from the Guest Editor

With the recent advancement of nanomaterials and nanostructured materials, sensor performance has been greatly improved. Polymers and biomaterials-based sensors have especially been widely applied due to their biocompatibility and optical, electrochemical, and physical properties. Better selectivity and high sensitivity measurements have been achieved by replacing classical sensor materials with polymers and biomaterials involving nanotechnology. This Special Issue, entitled “Polymers and Biomaterials-Based Sensors”, mainly focuses on the applications of polymers and biomaterials to sensors. The aim of this Special Issue is to report high-sensitivity sensors using new materials or new research on known materials. This may include such research areas as the practical application using various analysis methods (electrochemical and SERS, LSPR, etc.) for medical diagnostic, food safety, and environmental monitoring. It is my pleasure to invite you to submit a manuscript for this Special Issue. Original research manuscripts and reviews are welcome.

Guest Editor

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Deadline for manuscript submissions

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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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