

Special Issue

Advanced Biochemical Sensors: Materials Research and Application

Message from the Guest Editor

Materials research has greatly contributed to the improvement of the performances of advanced biochemical sensors. This Special Issue will present the latest trends of materials research in the field of advanced biochemical sensors.

- New materials for optical, electrical, and acoustic transduction: Carbon-based materials (graphene, carbon nanotubes, etc.), nanostructured materials, quantum dots, etc.;
- New materials for (bio)chemical recognition: Molecularly imprinted polymers, artificial enzymes;
- Biosourced materials for the design of biochemical sensors;
- Materials research for microtechnology, for 3D printing;
- New materials for the encapsulation of biochemical sensors.

Review and research papers are welcome.

Guest Editor

Prof. Dr. Nicole Jaffrezic-Renault

Institute of UTINAM, University of Franche-Comté, UMR-CNRS 6213, 16 Gray Road, 25030 Besançon, France

Deadline for manuscript submissions

closed (20 May 2022)



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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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About the Journal

Message from the Editorial Board

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.

Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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