Special Issue

Chitosan-Based Materials

Message from the Guest Editors

Chitosan shows excellent properties such as good adhesiveness, good biodegradability, no toxicity, microbial inhibition efficiency, including the ability to improve the resistance to viral infections in plants, inhibit viral infections in animal cells, or prevent phage infections in microbial cultures, to mention just a few. There is still a big challenge to combine chitosan with other organic and inorganic materials to establish novel composite, chitosan -based materials as safe and efficient chitosan products for variety of use. This special issue is dedicated to recent novel and innovative contributions in the field of chitosan-based (composite) materials product. These may concern products for variety of use, describing formulations development and manufacturing processes of this kind of composite materials as well as characterization and efficiency of them/ properties and applications. Risks associated with scaling-up of recently developed products may also be pointed out. Contributions from PhD students, post-doc and young investigators from different research fields will be welcome.

Guest Editors

Prof. Dr. Lidija Fras Zemljič

Faculty of Mechanical Engineering, University of Maribor, Maribor, Slovenia

Prof. Dr. Simona Strnad

Institute of Engineering Materials and Design, Faculty of Mechanical Engineering, University of Maribor, Smetanova ulica 17, 2000 Maribor, Slovenia

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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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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.

Editor-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

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