



materials



an Open Access Journal by MDPI

Supported Lipid Membranes

Guest Editor:

Prof. Dr. Motomu Tanaka

Physical Chemistry of
Biosystems, Heidelberg
University, D-69120 Heidelberg,
Germany

Deadline for manuscript
submissions:

closed (30 September 2012)

Message from the Guest Editor

Dear Colleagues,

Supported lipid membranes have been drawing attentions as a useful tool to connect soft, biological matter and hard solids. During the past several decays, an increasing number of publications evidenced that supported lipid membranes can be utilized not only to quantitatively understand structures and functions of cell membranes but also to create biocompatible/biomimetic interfaces. The main focus of the forthcoming special issue is to present a comprehensive overview to our readers by assembling state-of-the-art research articles and reviews on supported lipid membranes in material science in a broader sense. The topics covered by this special issue include basic researches from soft matter physics and surface/interface sciences as well as new classes of applications of supported membranes in biomedical sciences.

Prof. Dr. Motomu Tanaka

Guest Editor



mdpi.com/si/1808

Special Issue



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (Metallurgy and Metallurgical Engineering) / CiteScore - Q1 (Condensed Matter Physics)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)