







an Open Access Journal by MDPI

# Advances in Characterization of Materials Based on Dispersed Systems

Guest Editors:

# Prof. Dr. Luis Alfonso Trujillo-Cayado

Departamento de Ingeniería Química, Escuela Politécnica Superior, Universidad de Sevilla, Sevilla, Spain

#### Dr. Jenifer Santos

Departamento de Ingeniería Química, Escuela Politécnica Superior, Universidad de Sevilla, c/Virgen de África, 7, E41011 Sevilla, Spain

Deadline for manuscript submissions:

closed (31 December 2021)

# **Message from the Guest Editors**

Dispersed systems is composed by two immiscible phases in contact. Many commercial products exist as dispersed-systems materials and have potential applications in medical, pharmaceutical, food or agrochemical industry. Therefore, a good understanding of their properties is essential to design and develop stable products. The characterization of these systems is related to a variety of techniques such as multiple light scattering, laser diffraction, rheology, differential scanning calorimetry and different types of microscopy. The physicochemical properties of dispersed systems depend on the type and concentration of ingredients that it contains, as well as the method used to create it.

The main objective of this Special Issue is to publish outstanding reviews and original papers, which focus on challenges and innovations related to the development, characterization, and physical stability of dispersed systems.













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, OC H3A 0C7, Canada

# **Message from the Editor-in-Chief**

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and svstems. 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 - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*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