



materials



an Open Access Journal by MDPI

Catalytic and Adsorption Applications of Nano-Featured Materials

Guest Editors:

Dr. Anabela A. Valente

Aveiro Institute of Materials-
CICECO, Department of
Chemistry of the University of
Aveiro (UAve), 3810-193 Aveiro,
Portugal

Prof. Dr. Carlos Manuel Silva

CICECO–Aveiro Institute of
Materials, Department of
Chemistry, University of Aveiro,
Campus Universitário de
Santiago, 3810-193 Aveiro,
Portugal

Deadline for manuscript
submissions:

closed (10 June 2022)

Message from the Guest Editors

Many of us have, in some way, discovered the unique properties of nano-featured materials, i.e., materials consisting of nano-size particles or larger particles with nano-size pores, which exhibit unique physical and chemical properties (structure, morphology, texture, etc.). Nano-featured materials are relevant for the universe of adsorption/ion exchange and catalytic applications. In addition to these areas, the fabrication/modification of nano-structured surfaces finds strong potential in diverse fields, from electronic and energy to biomedical, where sensors, light harvesting, tissue engineering, imaging, and drug delivery systems are only a few examples.

This Special Issue covers all aspects of “Catalytic and Adsorption Applications of Nano-Featured Materials”. We kindly invite you to share your experience and knowledge on these topics by submitting an original or review article or feature article to this Special Issue. We are grateful to you for reading and considering this possibility.



mdpi.com/si/90712

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 & Metallurgical Engineering*) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office
MDPI, St. Alban-Anlage 66
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)