

Special Issue

Nanoporous Materials and Their Applications 2019 (tribute to Prof. Dr. Enrique Rodriguez-Castellón)

Message from the Guest Editors

This Special Issue will be dedicated to Prof. Dr. Enrique Rodriguez-Castellón from the Department of Inorganic Chemistry, Faculty of Science, University of Málaga, Málaga, Spain. Prof. Dr. Enrique is a recognised professor works mainly on materials science, environmental catalysis, adsorption, XPS and green chemistry. He has more than 475 papers, 5 patents, 35 projects and has collaborated with several groups in the European Union and America. In particular, he is a great collaborator with Brazilian groups, and this year he will receive the title of Professor Honoris Causa at the Federal University of Ceará in Fortaleza, Brazil. This Special Issue will present a global vision of the research carried out in collaboration with Prof. Dr. Enrique by several groups and universities working on nanoporous materials. This Special Issue will share the latest results on synthesis and characterization, with a special focus on their applications in basic and industrial processes.

Keywords

- Nanoporous materials
- Zeolites
- Pillared clays
- Mesoporous materials
- MOFs
- Carbon porous
- Lamellar materials
- Catalysis
- Adsorption
- Separation

Guest Editors

Prof. Dr. Sibeles Pergher

Departamento de Química, Universidade Federal do Rio Grande do Norte, Natal, Caixa 1524, Brazil

Prof. Dr. Rodrigo Silveira Vieira

Departamento de Engenharia Química, Universidade Federal do Ceará, Fortaleza-Ceará 60455-760, Brazil



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/27116

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

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)