



an Open Access Journal by MDPI

Molecular Aspects in Porous Silicas Related to Adsorption and Catalytic Processes

Guest Editors:

Dr. Ramón Moreno Tost

Departamento de Química
Inorgánica, Cristalografía y
Mineralogía (Unidad Asociada al
ICP-CSIC), Facultad de Ciencias,
Campus de Teatinos,
Universidad de Málaga, 29071
Málaga, Spain

Dr. Juan Antonio Cecilia

Departamento de Química
Inorgánica, Cristalografía y
Mineralogía, Universidad de
Málaga, 29071 Málaga, Spain

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on recent advances in molecular aspects in porous silica-based materials related to adsorption and catalytic processes. This Special Issue is open to accept the submission of new manuscripts related to new synthetic approaches, one-pot or post-synthetic functionalization, surface characterization, structure–activity correlation or tailored mesoporous silica nanoparticles with a specific applications in adsorption and catalysis implying new synthetic approaches, one-pot or post-synthetic functionalization, surface characterization, structure–activity correlation, tailored mesoporous silica nanoparticles with a specific catalytic application of great environmental or industrial interest with medical, environmental or industrial purposes.

Dr. Ramón Moreno Tost

Dr. Juan Antonio Cecilia

Guest Editors



mdpi.com/si/120609

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI