



## Green Organic Synthesis with Zeolites

Guest Editors:

**Prof. Dr. Maurizio Selva**

Department of Molecular  
Sciences and Nanosystems,  
Università Ca' Foscari, Venezia  
Via Torino 155, 30172 Venezia  
Mestre, Italy

**Prof. Dr. Alvise Perosa**

Department of Molecular  
Sciences and Nanosystems,  
University Cà Foscari of Venice,  
via Torino 155, 301272 Venezia  
Mestre, Italy

Deadline for manuscript  
submissions:

**closed (15 October 2016)**

### Message from the Guest Editors

Dear Colleagues,

Zeolites are crystalline nonporous aluminosilicates whose remarkable properties offer environmentally benign alternatives for the development of cleaner, safer and more efficient chemical processes. The variety in composition, pore-size and chemical properties make zeolites versatile heterogeneous catalysts with tunable characteristics. In particular, the concentration of active sites, the stability and the shape selectivity of zeolites offer superior catalytic activity for example in oil-refining and petrochemistry. This Special Issue aims to provide an updated forum to discuss applications of zeolites for catalytic green productions including, but not limited to, bio-based derivatives, fine chemicals, and biologically active compounds.

Prof. Dr. Maurizio Selva

Prof. Dr. Alvise Perosa

*Guest Editor*





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical  
Biology and Phytochemistry,  
University of Münster,  
Corrensstrasse 48, D-48149  
Münster, Germany

## Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

## 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](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

## Contact Us

*Molecules* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/molecules](http://mdpi.com/journal/molecules)  
[molecules@mdpi.com](mailto:molecules@mdpi.com)  
[X@Molecules\\_MDPI](https://twitter.com/Molecules_MDPI)