



Design and Synthesis of Functional Nanomaterials

Guest Editor:

Dr. Titel Jurca

Department of Chemistry & The
Energy Conversion and
Propulsion Cluster, University of
Central Florida, Orlando, FL, USA

Deadline for manuscript
submissions:

closed (1 December 2019)

Message from the Guest Editor

Nanomaterials, broadly classed as materials with structural features on the nanometer scale in at least one dimension, can be leveraged for a broad range of applications, spanning diverse examples such as device fabrication, catalysis, biology, medicine, and environmental science; underpinning what we refer to as nanotechnology.

This Special Issue invites original contributions from our colleagues working in the areas of functional nanomaterials synthesis, broadly defined. Manuscripts in the form of short communications, full research articles and reviews on exciting recent developments in all areas of functional nanomaterials synthesis, including theoretical works on design principles, are welcomed. Contributions that explore the effects of chemical precursors, and/or material growth conditions, with resulting structure/activity or functionality relationships are particularly encouraged.





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](#)