



Synthesis, Functionalization and Application of Nanostructured Materials

Guest Editor:

Dr. Aimin Yu

Department of Chemistry and
Biotechnology, Faculty of
Science, Engineering and
Technology, Swinburne
University of Technology,
Hawthorn, VIC 3000, Australia

Deadline for manuscript
submissions:

closed (30 September 2020)

Message from the Guest Editor

Dear Colleagues,

Nanostructured materials, including nanocomposites and thin films/coatings, are types of advanced materials that possess unique properties and have found wide applications in various research fields. Surface functionalization is an efficient and important way to tune the surface property of a material by bringing new physical, chemical or biological characteristics to the original material, thereby enabling its application in a particular area.

All researchers working in the field are cordially invited to contribute original research papers or reviews to this Special Issue of *Molecules* which report on the synthesis, functionalization, and application of nanostructured materials.

Assoc. Prof. Aimin Yu

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

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/X@Molecules_MDPI)