

## Special Issue

# Synthesis and Applications of Semiconductor Nanomaterials

### Message from the Guest Editor

This Special Issue will address the following topics: i) growth and nucleation mechanisms of semiconductor nanomaterials, ii) fundamental properties of semiconductor nanomaterials, including doping, surfaces and interfaces, and iii) applications including photovoltaic cells, piezoelectric devices, self-powered devices and batteries, sensors and catalysis.

### Guest Editor

Dr. Frank Güell  
ENFOCAT-IN2UB, Universitat de Barcelona, Barcelona, Spain

### Deadline for manuscript submissions

closed (31 July 2024)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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