

## Special Issue

# Catalytic Synthesis of Nanomaterials and Their Application

### Message from the Guest Editors

Catalysis plays a vital role in chemical transformations and there is a high demand for the development of new technologies to prepare greener catalysts through more sustainable protocols. In recent decades, nanotechnology and its applications have become extensively advanced in many fields. In order to improve catalytic protocols, the generation of nanosized materials with enhanced properties is preferable. Due to the high surface-to-volume ratio of nanomaterials in comparison to bulk materials, they exhibit distinct properties. This Special Issue will explore the use of catalysts in the preparation of nanomaterials and the application of their special features in various academic and industrial fields, as well as collect all current progress in different aspects of nanomaterial preparation via homogeneous or heterogeneous catalysts. Furthermore, it is anticipated that this Special Issue would fulfill the sustainable development aims for future researchers and academics wishing to contribute toward this topic of interest.

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### Guest Editors

Dr. Nader Ghaffari Khaligh  
Prof. Dr. Hanna Abbo  
Prof. Dr. Salam Titinchi

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### Deadline for manuscript submissions

closed (20 August 2023)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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