

Special Issue

Microwave Synthesis of Oxide Materials

Message from the Guest Editors

This Special Issue is aimed at receiving submissions in the field of microwave-assisted synthesis of oxides, covering aspects such as novel microwave-assisted synthesis procedures for all classes of oxides, the study of unusual particle morphologies obtained by microwave-assisted synthesis, and general considerations concerning the high efficiency of microwave-assisted synthesis, for example, by elaborating on the coupling mechanisms between microwaves and oxide materials. In the case of known oxide phases, which are synthesized by microwave-assisted techniques for the first time, it would be advantageous if the synthesized products are characterized in terms of phase purity, crystal structure, and the respective functionality that is relevant in such oxides. For further reading, please visit the *[Special Issue website](#)*.

Guest Editors

Prof. Rainer Schmidt
Complutense University of Madrid, Spain

Dr. Jesús Prado-Gonjal
Complutense University of Madrid, Spain

Deadline for manuscript submissions

closed (31 December 2020)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/23550

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls-ci@mdpi.com

mdpi.com/journal/

[appls-ci](https://appls-ci.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)