



Microwave Synthesis of Oxide Materials

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Deadline for manuscript
submissions:

closed (31 December 2020)

Message from the Guest Editors

Dear Colleagues,

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*](#).





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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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