

## Special Issue

# Advances in Chemical and Thermochemical Water Splitting

### Message from the Guest Editors

We are interested in original research articles, reviews or perspectives that explore chemical and thermochemical water splitting. Potential topics include, but are not limited to, the following:

- Development of process based on chemical and thermochemical water splitting.
- Development of redox materials for thermochemical water splitting.
- For solar thermochemical systems, theoretical and experimental study of materials for chemical and thermochemical cycles to obtain solar fuels.
- Energy, exergetic and technoeconomical analysis of the thermochemical water splitting.
- Design of reactor compatible with high temperatures required for thermochemical water splitting.
- Design of high temperature reactors for solar-driven thermochemical water splitting.
- Chemical process based on chemical water splitting.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 March 2022)



## 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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