

Special Issue

Advances in Oxygen Carrier for Energy Applications

Message from the Guest Editors

The Paris Accord has again pointed out the development of carbon capture technologies as a strong necessity if the countries of the world want to limit climate change consequences. In the last few years, there has been a great number of developments of different technologies, such as CLC, CLOU, CLAS, OCAC, CLG, CLR, CLSO, etc. A common theme of all this technology is the development of an oxygen carrier material suitable for each application.

This Special Issue of Applied Sciences will highlight all the challenges related to oxygen carrier material development for different chemical looping technologies. We encourage all of you to contribute to this issue with your state-of-the-art findings.

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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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