Special Issue

Preparation of Sponge Like Graphene Oxide Materials for CO_2 Capture and /or Catalysis

Message from the Guest Editor

The World is changing drastically due to anthropogenic activities in different levels of our lives. Climate change is an existing problem whose consequences are growing both in numbers and in size day by day. Carbon dioxide (CO2) emission is drastically rising and, being the most abundant greenhouse gas, it is one of the primary causes for the global warming. This Special Issue of *Applied Sciences*, "Preparation of Sponge-Like Graphene Oxide Materials for CO2 Capture and /or Catalysis", is intended for a wide and interdisciplinary audience and covers recent advances in:

- Synthesis of graphene sponge like monoliths;
- Theoretically modeling for CO2 adsorption with graphene;
- Catalysis of CO2 from graphene-based materials;
- Real time applications for CO2 capture;
- Monolithic composites with particles or polymers.

For further reading, please visit the ***Special Issue website.***

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2021)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/48533

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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.

Editor-in-Chief

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