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Innovative Materials for Energy and Recycling

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Deadline for manuscript submissions:

closed (1 November 2020)

Message from the Guest Editor

Current researches are focus on the development of efficient materials to optimize as much as possible the efficiency of the production energy with a particular focus on free or low carbon energy. For example, energy storage is one of the biggest challenges for the next number of decades is the management of renewable energy. Undoubtedly, because of the need of an efficient waste management, the recycling of goods and the industrial effluent treatment are also a major current problem.

This Special Issue is devoted to the development of innovative materials in the fields of environment and energy. Contributions include, but are not limited to, a variety of topics such as materials (carbon, silica, hybrid materials ...) for the energy storage (Batteries, H₂ production ...), photovoltaic cells, photocatalysis, gas storage or separation, effluent treatment, waste management and raw metal extraction.

We would like to take this opportunity to invite contributions from experts in the field who are encouraged to submit both original research papers, as well as review/mini review articles, from basic aspects and future directions in the field.



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Message from the Editor-in-Chief

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