



## Innovative Materials for Energy and Recycling

Guest Editor:

### Dr. Michael Carboni

CEA, French Alternative Energies and Atomic Energy Commission, Institut de Chimie Séparative de Marcoule, Laboratoire des systèmes HYbrides pour la Séparation, Bât. 426 – L1-21 – BP 17171, F-30207 Bagnols/Ceze, CEDEX, France

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, H<sub>2</sub> 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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### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

### Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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Materials Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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