


## Call for papers on special issue “Functional materials for energy applications”

Guest Editor

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**Aim & Scope:** The problem of energy shortage is becoming increasingly serious with economic development and population explosion. Developing functional materials is the key to innovate energy science and technologies. Many efforts on this subject have been recently made, leading to substantial progress towards higher performance energy applications. To provide an essential guide to the development of these state-of-the-art functional materials for energy applications, we seek to present a related special issue in the platinum open access journal Materials International. In this issue, we will feature promising functional materials that have been used in various energy conversion and storage devices such as rechargeable batteries, flow batteries, fuel cells, carbon dioxide conversion systems and solar cells. This special issue could provide materials engineers, scientists and academics with the most recent progress in the rapid development of functional materials for energy applications.

I kindly invite you to submit a manuscript(s) for this Special Issue. Full papers, communications, and reviews are all welcome.

**Keywords:** Functional Materials; Energy Conversion and Storage; Batteries; Fuel cells; Solar Cells.

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### Subtopics

- 1 Batteries
- 2 Fuel cells
- 3 Hydrogen energy
- 4 Carbon dioxide utilization
- 5 Solar energy conversion and photovoltaics

**Deadline for manuscript submissions: 30 November 2020**

To submit your manuscript click [here](#). To read author guidelines click [here](#).