

# Tentative Outline

## Special Thematic Issue for the journal

### 2D Materials for Energy Applications

*Guest Editor: Guo-Ming Weng*

• **Scope of the Thematic Issue:** 2D materials such as graphene, metal carbides and nitrides (MXenes), as well as transition metal dichalcogenides have gained widespread attention due to their highly interesting physicochemical properties. Substantial progress has been recently achieved in the energy applications of 2D materials. Hence, we seek to present a related thematic issue in the journal *Current Chinese Chemistry* to summarize the recent progress. In this issue, we will feature various 2D materials that have been used in energy conversion and storage devices such as batteries, supercapacitors, fuel cells, and solar cells. This thematic issue could provide scientists and engineers with an overview of the rapid development of these 2D materials for energy applications. We kindly invite you to submit a manuscript(s) for this thematic issue. Full papers, communications, and reviews are all welcome.

**Keywords:** 2D Materials; Energy Conversion and Storage; Batteries; Supercapacitors; Fuel Cells; Solar Cells.

#### Sub-topics:

The sub-topics to be covered within the issue should be provided:

- Batteries
- Supercapacitors
- Fuel cells
- Solar cells

#### Tentative titles of the articles and list of contributors:

Tentative titles of the articles and list of contributors with their names, designations, addresses and email addresses should be provided.

#### Schedule:

- ✧ Thematic issue submission deadline: 31 December 2020

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