



## Energy Applications of Carbon Nanotubes and Modified Fullerene Structures

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

Carbon nanostructures, such as single- and multiwalled carbon nanotubes, carbon fibers, and fullerenes have attracted a tremendous amount of attention over the last two decades. In recent years, much of this attention has been focused on various energy applications, in particular, in the field of renewable energy, such as water splitting and fuel cells, and also organic solar cells. The applications of carbon nanostructures take advantage of the intrinsic catalytic properties of modified carbon nanostructures, their excellent applicability as anchoring support for various metallic nanoparticles or the use of functional groups on fullerenes to increase their solubility for solution processing.

This Special Issue of Nanomaterials will attempt to cover the recent advancements in the research of carbon nanostructures for energy applications, such as water splitting, fuel cells, and solar cells with a focus on the modification of carbon nanostructures by various functional groups, defects and/or dopants.

Prof. Dr. Thomas Wågberg

*Guest Editor*





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## Message from the Editor-in-Chief

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