# Special Issue

# Surface/Interface Science of Advanced Energy Conversion and Storage Materials

## Message from the Guest Editors

This issue is focused on surface and interface aspects concerning materials used for energy conversion and storage. The comparison of the surface to bulk properties can elucidate mechanisms leading to an increase or decrease in the charge transfer through interfaces. Therefore, any studies concerning surface aspects related to materials, where charge transfer can be enhanced or hindered, are warmly welcome. In the case of energy conversion, research related to fuel cells or electrolyzers and concerning their compounds such as cathode or anode materials, fillers, coatings, sealants, and connectors can be considered taking into account corrosion features, degradation, and passivation. The understanding of the role of catalytic active sites and impact of substrates on conversion mechanisms at gas/solid, liquid/solid, and solid/solid interfaces is of interest. Energy storage via electric batteries, hydrogen production, heat accumulation, etc. is of interest. We look forward to publishing your results in this Special Issue.

## Guest Editors


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## Deadline for manuscript submissions

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### Message from the Editorial Board

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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