



Manufacturing Process on Solid State Electrolytes for Electrochemical Energy Storage

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Message from the Guest Editors

This Special Issue of the journal *Processes*, entitled “Manufacturing Process on Solid State Electrolytes for Electrochemical Energy Storage,” aims to bring together research focused on the recent progress and applications of solid state electrolyte materials concerning ion-transporting behaviors, electrochemical properties and tunable interfacial characteristics. Various types of electrolytes play an important role in a large number of electrochemical devices, such as electrochromic devices (for smart windows, signages, electronic paper, etc.), energy storage cells (for metallic ion batteries and super capacity), fuel cells and solar cells. These electrolytes are widely applied in energy, photoelectrochemistry, building, portable electronics and automobiles. Due to growing interest in this field, this Special Issue intends to publish original research papers on the synthesis, characterization and application of new electrolytes for electrochemical energy storage.

Keywords

- polymer electrolytes
- solid-state electrolytes
- gel-type electrolytes
- electrochemical devices
- redox flow cells
- electrochromics
- batteries
- supercapacity
- fuel cells
- solar cells





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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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