



Production Technologies for Lithium-Ion Battery Electrodes, Cells and Systems

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Message from the Guest Editors

Due to the high number of consecutive process steps and the significant impact of material properties, electrode compositions, as well as battery cell and systems designs on the production processes, lithium-ion battery (LIB) production represents a fruitful and dynamically growing area of research. With ever-growing demand, knowledge of production technologies for automotive LIBs have improved considerably over the last few years. Nevertheless, the transfer from lab scale to production scale remains a challenge. To further improve battery performance and reduce production costs, emerging process concepts have to be developed at both scales.

For this Special Issue, we invite submissions exploring the relationships between process parameters and structure, quality as well as performance of intermediate products, electrodes, cells and full battery systems, as well as the impact of materials and processes on the scale and cost of LIBs for automotive application. Review papers and perspectives are also welcome.

Deadline for manuscript
submissions:

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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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