

Special Issue

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

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.

Guest Editors

Prof. Dr. Arno Kwade

Prof. Dr. Klaus Droeder

Dr. Peter Michalowski

Deadline for manuscript submissions

closed (15 November 2022)



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Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
processes@mdpi.com

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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