

Special Issue

Ionic Transportation Bases in All-Solid-State Batteries

Message from the Guest Editors

All-solid-state batteries have attracted much attention because of the potential to deliver the higher energy density and safety required for energy storage in large-scale applications. At present, several solid electrolytes with exceptional high ionic conductivities and wide electrochemical windows have been obtained. The fabrication of all-solid-state batteries has been investigated using different strategies to achieve adequate electrochemical performances. This Special Issue is devoted to collecting the latest updates on fundamentals of ionic transportation taking place during the operation of all-solid-state batteries, with a special focus on the current issues and future perspectives in this field. Thus, the contribution of researchers and experts is very welcome to provide useful fundamental knowledge aimed at a wide community.

Guest Editors

Dr. Carolina Rosero-Navarro

Instituto de Cerámica y Vidrio, CSIC, 28049 Madrid, Spain

Prof. Dr. Kiyoharu Tadanaga

Faculty of Engineering, Applied Chemistry, Inorganic Materials Chemistry, Hokkaido University, Sapporo, Hokkaido 060-0808, Japan

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. Karim Zaghib
Department of Chemical and Materials Engineering, Concordia
University, Montréal, QC H3G 1M8, Canada

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