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New Materials for Li-Ion Batteries

Guest Editors:

Prof. Dr. Dmitry A. Bedrov

Department of Materials Science
& Engineering, University of Utah,
Salt Lake City, UT 84112, USA

Dr. Justin B. Hooper

Department of Materials Science
and Engineering, University of
Utah, Salt Lake City, UT, USA

Deadline for manuscript
submissions:

closed (1 December 2018)

Message from the Guest Editors

This Special Issue invites manuscripts that discuss experimental or modeling investigations of new chemical or physical formulations for cathodes, anodes, electrolytes, or solid electrolyte interphases in Li-ion based batteries. These investigations may involve new chemical compounds that show promise as major phases for Li-ion based systems (e.g., high-voltage spinels, LiPON electrolytes, “water-in-salt” electrolytes, etc.), or new methods of processing current compounds to achieve novel structures (e.g., composite graphite/Si anodes, nanostructured composite cathodes), which increase the overall capability of these compounds above their currently utilized configurations.



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Special Issue



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Editor-in-Chief

Prof. Dr. Alessandra Toncelli

Department of Physics, University
of Pisa, 56126 Pisa, PI, Italy

Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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Crystals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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