



an Open Access Journal by MDPI

Novel Lithium Battery Electrode Materials

Guest Editor:

Prof. Dr. Christian M. Julien

Institut de Minéralogie, de
Physique des Matériaux et de
Cosmochimie (IMPMC), Sorbonne
Université, CNRS-UMR 7590, 4
Place Jussieu, 75252 Paris,
France

Deadline for manuscript
submissions:

closed (28 February 2017)

Message from the Guest Editor

Dear Colleagues,

Inorganic materials have attracted a huge and ever-increasing interest as electrodes, *i.e.*, cathodes and anodes for energy storage and conversion to develop high energy and high power lithium batteries, including lithium metal polymer (LMP) and lithium-ion (LIB) batteries applied to hybrid electric vehicles (HEVs), plug-in hybrid electric vehicles (PHEVs), and electric vehicles (EVs). Both theoretical and experimental studies from a range of disciplines (e.g., physics, chemistry, electrochemistry, nanoscience) are essential in this ongoing endeavour. The main focus of this Special Issue is on the latest advances made in materials in the area of electrochemical, energy storage and conversion in the area of lithium batteries (LMP and LIB). These advances cover novel synthetic methods, crystal chemistry, structure and physico-chemical properties, redox reactions and electrochemical performance.

Prof. Dr. Christian M. Julien

Guest Editor



mdpi.com/si/6992

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Duncan H. Gregory
School of Chemistry, University of
Glasgow, University Avenue,
Glasgow G12 8QQ, UK

Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and *Inorganics* offers authors the opportunity to publish exciting new research in an open access format.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Chemistry, Inorganic and Nuclear*) / CiteScore - Q2 (*Inorganic Chemistry*)

Contact Us

Inorganics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/inorganics
inorganics@mdpi.com
X@inorganics_MDPI