

Special Issue

Novel Lithium Battery Electrode Materials

Message from the Guest Editor

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.

Guest Editor

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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.

Editor-in-Chief

Prof. Dr. Duncan H. Gregory

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