Special Issue

Recent Advances in Energy Storage and Conversion

Message from the Guest Editor

Despite recent advances in energy storage and conversion technology, discoveries and further improvements are still required. the aim of the special issue is to publish advanced and up-to-date original research and review papers with high quality in the field of energy storage and conversion, to provide platform for knowledge exchange on the frontier scientific research. Potential topics include but are not limited to the following: - Batteries (Advanced Li/Na/K/Zn-ion batteries; Advanced Li-metal/sulfur/oxygen batteries); - Supercapacitors (Graphene electrode, Hybrid capacitor, Electrical double layer); - Electrolysis (Water, Carbon dioxide, and Nitrogen Reduction); - Fuel cells (Electrode materials, Membranes, Catalytic reactions, Electrochemical processes and technologies).

Guest Editor

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Deadline for manuscript submissions

closed (30 May 2024)

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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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