

Batteries & Supercaps

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(Ulsan National Institute
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"Achieving high energy/power density and long-term cycle life for electrochemical energy devices remains a challenge in the 21st century. In response to the needs of modern society and emerging environmental issue: it is highly desirable to find low-cost and environmentally friendly electrochemical energy storage methods for powering an increasingly diverse range of applications, ranging from power for portable electronics to potential transport applications. As the performance of electrochemical energy storage

devices depends intimately on the properties of their materials, considerable attention has been given to the research and development of key materials. In these regards, the newly launched journal *Batteries & Supercaps* provides a forum to stimulate and fertilize not only fundamental understandings of the materials, but also for the development of innovative cell engineering. I am confident that *Batteries & Supercaps* will share all the notable scientific information with the community."

Jürgen Janek
(Universität Gießen)


























"Electrochemical energy storage and devices have become one of the most dynamic research fields at the interface of chemistry, materials science, physics and engineering. The success in research will have immediate impact on numerous future technologies, ranging from stationary storage of renewable energy to batteries for electric vehicles, and from miniaturized storage devices for medical applications to the fast-growing demand in robotics. Despite enormous progress in the past key challenges remain in understanding the function of electrolytes, of electrode materials and their interaction at interfaces by both advanced experiments and theory. *Batteries & Supercaps* will be a perfect platform for papers on all of these subjects, with a strong emphasis on electrochemical and chemical problems and new ideas in the field of battery materials – but also with a focus on urgent questions of materials resources and the important link between electrochemical materials science and processing."



Linda F. Nazar
(University of Waterloo)



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