Special Issue

Perovskites for Energy Storage Applications

Message from the Guest Editor

This Special Issue targets all new developments in perovskite materials with the goal of using them as long-term energy supply. Contributions are welcome in the field of chemically substituted perovskites, both lead-free and lead-based, with relaxor, antiferroelectric, and diffuse phase transition behavior. Articles can address new compositions, processing methods (bulk ceramic, thick film, and thin film), multiscale characterization procedures, and applications. We specifically welcome papers including computational procedures for the design of new compositions (e.g., data-driven materials design) or for the interpretation of structure–property relationships evinced from experimental data (e.g., atomistic modelling). Applications could range from energy supply to microelectronic devices like autonomous sensors (e.g., energy storage devices in combination with energy harvesting modules), to capacitors for the stabilization of currents in grid applications or electric vehicles (i.e., power electronics). I kindly invite you to submit a manuscript for this Special Issue. We accept full papers, short communications, and reviews.

Guest Editor

Dr. Marco Deluca
Materials Center Leoben Forschung GmbH (MCL), Roseggerstraße 12, A-8700 Leoben, Austria

Deadline for manuscript submissions

closed (31 May 2021)

Electronic Materials

an Open Access Journal by MDPI

CiteScore 3.9

mdpi.com/si/49383

Electronic Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronicmat@mdpi.com

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Message from the Editor-in-Chief

I am delighted to introduce the new online open access journal *Electronic Materials* (ISSN 2673-3978). The aim of *Electronic Materials* is to publish high-quality and high-impact research papers, as well as review articles addressing recent advances in fundamental science, engineering, and practical applications of electronic materials. The interdisciplinary topics of the journal include materials science, device engineering, and the physics of electronic and magnetic properties. *Electronic Materials* also welcomes Special Issue proposals from academics and industrial researchers from all related fields. We encourage scientists and engineers worldwide to publish their innovative ideas and cutting-edge developments and technologies in the field of electronic materials.
The journal is now open for submission and the Editorial Team welcomes your manuscripts for publication.

Editor-in-Chief

Prof. Dr. Wojciech Pisula
1. Max Planck Institute for Polymer Research, Ackermannweg 10, 55128 Mainz, Germany
2. Department of Molecular Physics, Faculty of Chemistry, Lodz University of Technology, Zeromskiego 116, 90-924 Lodz, Poland

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