



Advanced Materials for Lithium Ion Based Next Generation Batteries

Guest Editor:

Dr. Faiza Jan Iftikhar

NUTECH School of Applied
Sciences and Humanities,
National University of
Technology, Islamabad, Pakistan

Deadline for manuscript
submissions:

20 July 2024

Message from the Guest Editor

Dear Colleagues,

Advanced materials for Li-based next-generation batteries aim to cover up-to-date and innovative development and research on Li next-generation batteries. Innovative strategies and competitive designs for developing high-quality electrodes for the indigenous production of Li-based next-generation batteries are urgently required. Statistics have revealed electric vehicles (EVs) to be the future and have suggested that lithium will play an important role. Hence, it is an active area of scientific investigation. The goal is to develop high-performance batteries that can store more energy, charge faster, and last longer than current lithium-ion batteries, while meeting the growing demand for energy storage in a range of applications, from electric vehicles to renewable energy systems.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)