Special Issue

Internet of Things and Sensors in Smart Battery and Energy Storage Management Systems

Message from the Guest Editors

The battery or energy storage system is a critical component within an electric vehicle that can affect the vehicle's performance, cost, lifetime, and safety. The need for advanced energy storage management using internet of things and sensors technology continues to grow to meet the safety requirement, driving range, and energy demand of powerful motors and ancillary equipment. This Special Issue on "Internet of Things and Sensors in Smart Battery and Energy Storage Management Systems" aims to curate novel advances in the development and application of battery and energy storage management systems for electric vehicles. Topics include, but are not limited to:
(1)Internet of things and sensors development for monitoring of energy storage systems for electric vehicles;
(2)Vehicular communication systems for energy storage management of electric vehicles;
(3)Battery management systems and its lifecycle analysis;
(4)Novel hybrid energy storage systems

For more information on the Special Issue, please visit the website at: https://www.mdpi.com/si/139750
Please contact the or the Assistant Editor at (ava.jiang@mdpi.com) for any queries.

Guest Editors

Dr. Chun Sing Lai

Dr. Anthony Chun Yin Yuen

Prof. Dr. Mohamed Darwish

Deadline for manuscript submissions

closed (26 January 2024)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/139750

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

mdpi.com/journal/sensors

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/journal/sensors

About the Journal

Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)