Special Issue

Fuel Cells: Performance and Durability

Message from the Guest Editors

Fuel cells are emerging as one of the most promising technologies for clean energy generation. Fuel cells are electrochemical devices converting chemical energy to electrical and thermal energy.

This Special Issue covers current trends and future developments in fuel cell technology. Theoretical, experimental, and analytical original research, as well as reviews articles, are welcome. Keywords

- fuel cell
- performance
- durability
- catalyst
- energy conversion
- hydrogen
- electrochemical

Guest Editors

Dr. Fatemeh Gholami

New Technologies - Research Centre, University of West Bohemia, 30 100 Plzeň, Czech Republic

Dr. Martin Tomas

New Technologies - Research Centre, University of West Bohemia, 30 100 Plzeň, Czech Republic

Deadline for manuscript submissions

31 December 2025

Electrochem

an Open Access Journal by MDPI

CiteScore 7.4

mdpi.com/si/104527

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

mdpi.com/journal/electrochem

Electrochem

an Open Access Journal by MDPI

CiteScore 7.4

mdpi.com/journal/electrochem

MDPI

About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Masato Sone
Institute of Innovative Research, Tokyo Institute of Technology, 4259 Nagatsuta-cho, Midori-ku, Yokohama 226-8503, Japan

Author Benefits

High Visibility:

indexed within Scopus, CAPlus / SciFinder, and other databases.

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 24.6 days after submission; acceptance to publication is undertaken in 6.3 days (median values for papers published in this journal in the first half of 2025).

Journal Rank:

CiteScore - Q1 (Materials Chemistry)