







an Open Access Journal by MDPI

Physical and Biochemical Properties, Application and Sustainable Development of Fuel Cells

Guest Editors:

Dr. Renata Włodarczyk

Department of Advanced Energy Technologies, Faculty of Infrastructure and Environment, Czestochowa University of Technology, Dabrowskiego Str. 69, 42-201 Czestochowa, Poland

Dr. Andrzej Kacprzak

Department of Advanced Energy Technologies, Faculty of Infrastructure and Environment, Czestochowa University of Technology, Dabrowskiego Str. 69, 42-201 Czestochowa, Poland

Deadline for manuscript submissions:

closed (1 December 2023)

Message from the Guest Editors

Dear Colleagues,

I invite you to partake in a joint initiative aimed at presenting the possibilities of using fuel cells, including hydrogen technologies, in a broader context. The energy policy of many countries, including EU countries, is almost entirely reliant on hydrogen as a zero-emission energy carrier. Let us join these activities and enrich our knowledge about hydrogen and the wide possibilities of its use in fuel cells. I look forward to our fruitful cooperation.

Dr. Renata Włodarczyk Dr. Andrzej Kacprzak *Guest Editors*













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, OC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The iournal covers twenty-five comprehensive biomaterials, energy materials, advanced composites. advanced materials characterization, porous materials, manufacturing processes and systems. nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials. materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. Materials provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (*Condensed Matter Physics*)

Contact Us

Materials Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials_Mdpi