

CALL FOR PAPERS

Title:

Control issues in Fuel Cells and biofuel cells (MFC, PEMFC and other kinds of fuel cells and biofuel cells control)

Description:

Energy as the driving force of productive activities is the basic foundation of economic and social activities of any country. Restrictions on fossil fuels and the prediction of rising prices, environmental problems and air pollution, global warming, population growth and energy insecurity in the wake of political and economic crises require a move towards renewable energy. The energy sector is responsible for two-thirds of greenhouse gas emissions, and the development and expansion of renewable energy helps to achieve the goals of economic, social and environmental development, which are key factors in achieving sustainable development and is a shortcut in this area. Renewable energy is basically compatible with nature and the environment, has a long life and natural cycles that are not finite unlike fossil fuels, and due to its abundance and good geographical distribution, it causes decentralization in energy production and can overcome limitations Energy sources ensure the continuity of energy consumption for future generations. In general, the most important current drivers for the development of renewable energy are: 1- Reducing the severity of the effects of climate change 2- Reducing local air pollution 3- Energy security 4- Reducing costs, job creation and local value 5 Ability to develop in remote areas.

Despite recent advances in new energy development, major modeling and control issues for a wide range of renewable energy structures need to be addressed. These issues include optimization of solar cells, modeling and control of various kinds of fuel cells and Biofuel cells, covering the effects of nonlinear dynamics and environmental conditions, and etc., which will be the main goal of this special issue.

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Important Date :

Submission Deadline:	August 15, 2022
Notification of Acceptance/Rejection:	September 15, 2022
Final Paper Submission Deadline:	October 01, 2022
Publication of the Special Issue:	January 15, 2023

Manuscript Submission Information:

- Submitted articles should be well formatted and use proper English
- Submitted manuscripts should not have been published previously nor be under consideration for publication elsewhere
- A guide for authors and other relevant information for submission of manuscripts is available on the [Guide for Authors](#) page

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