Special Issue

Power Electronics for Smart Grids: Present and Future Perspectives

Message from the Guest Editors

This Special Issue aims to organize the present and future perspectives of power electronics in smart grids; therefore, original contributions are invited, including review papers, from different perspectives, including Ph.D. students, academic scientists, researchers, and professional communities. Potential topics of interest are related (but not limited to) the application of power electronics for the following: Renewable energy sources and energy storage systems; Electric mobility (e.g., G2V and V2G modes) and energy efficiency in transportation; HVDC, SVC, and FACTS technologies; Active power filters, hybrid power filters, and unified power quality conditioners; Power quality, reliability, and security;

Guest Editors

Dr. Vítor Monteiro

Algoritmi Research Centre, Department of Industrial Electronics, University of Minho, 4800-058 Guimarães, Portugal

Prof. Dr. Joao L. Afonso

Department of Industrial Electronics, School of Engineering, University of Minho, 4800-058 Guimaraes, Portugal

Deadline for manuscript submissions

closed (10 October 2019)

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.2

mdpi.com/si/23244

Energies
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.2

mdpi.com/journal/energies

About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, 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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)