electronics

an Open Access Journal by MDPI

IMPACT FACTOR 2.6

CITESCORE 6.1

Design and Optimization of High-Frequency Power Converter

Guest Editor:

Prof. Dr. Woo-Young Choi
Division of Electronic Engineering, Jeonbuk National University, Jeonju 561-756, Republic of Korea

Deadline for manuscript submissions:
closed (31 December 2020)

Message from the Guest Editor

This Special Issue focuses on the design and optimization of high-frequency power converters. The topics of interest include, but are not limited to:

- Topology, control, and modulation of high-frequency power converters;
- High-frequency switching techniques (resonant switching, switched capacitor);
- High-frequency switching circuits (magnetic design, gate driving circuit);
- Circuit count reduction design of high-frequency power converters;
- Application of wide band-gap devices in high-frequency power conversion;
- Layout and design techniques for high-frequency power converters;
- Industrial applications of high-frequency power converters.

Please click here to find information!
Welcome to contribute!

electronics

IMPACT FACTOR 2.6

CITESCORE 6.1

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.
Journal Rank: JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
𝕏@electronicsMDPI