

International Journal of

Power and Energy Conversion

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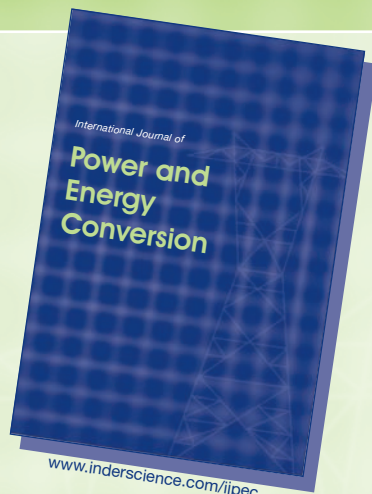
Scope of the Journal

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IJPEC highlights the latest research trends in various sources of energy and in their diversity, transport and distribution. There are currently significant challenges in the energy sector, including the international energy crisis and the operation, control and protection of the energy system. The main objective of IJPEC is to disseminate the latest research trends in the energy sector, such as power electronics, smart grids, energy storage and nuclear energy, as well as in energy conversion techniques.

Contents

IJPEC publishes original papers, review papers, technical reports and case studies. Special Issues devoted to important topics in power system and energy conversion will occasionally be published.



Topics covered include:

- Energy conversion
- Energy production
- Neural intelligence in energy and power control
- Energy storage technologies
- Renewable energies, nuclear energy and techniques
- Energy management in smart grids and power quality
- Applications of power electronics to power systems
- Distributed generation and renewable energy sources
- Conversion energies and machines drives
- Utilisation of electrical energy
- Applications of nuclear power, accelerator (ADS) and beam energy
- Modelling, simulation and analysis
- The challenges of restructured energy systems
- Special machines and robust control for energy systems
- Electric power distributed networks

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