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Araştırma Alanları

Mühendislik ve Teknoloji

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Educational software for power system analysis**
Güney İ., Kocuyigit G., Onat N.
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- **ASSESSMENT OF THE TURKEY'S ELECTRIC POWER POLICIES IN TERMS OF SUSTAINABILITY**
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- **A new classification for power quality events in distribution systems**
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- **Power Quality Control and Design of Power Converter for Variable-Speed Wind Energy Conversion System with Permanent-Magnet Synchronous Generator**
OĞUZ Y., Güney İ., Calik H.
SCIENTIFIC WORLD JOURNAL, 2013 (SCI İndekslerine Giren Dergi)
- **Analysis of load taps changer performance under balanced supply using simulation and experimental results**
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- **Environmental impact of energy transmission lines: a case study concerning with occupied forest areas in Turkey**
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ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, cilt.28, ss.983-994, 2012 (SCI İndekslerine Giren Dergi)
- **A novel three-phase transformer hysteresis model in MATLAB (TM) Simulink**
ÖZGÖNENEL O., GÜNEY K. R. İ. , Usta Ö., Dirik H.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.20, ss.479-492, 2012 (SCI İndekslerine Giren Dergi)
- **Experimental analysis of an alternator excited with photovoltaic cells for small power plants**
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TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.19, ss.349-361, 2011
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- **Modeling of Hybrid Wind-Gas Power Generation System and Adaptive Neuro-Fuzzy Controller to Improve the System Performance**

OĞUZ Y., Guney I., ERDAL H.

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- **Cost calculation algorithm for stand-alone photovoltaic systems**

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- **Technological Developments on Solar Cell Production and Tendencies**

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- **Neural Network Solution to the Cogeneration System by Using Coal**

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Atıflar

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