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Research Areas

Engineering and Technology

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Educational software for power system analysis**
Güney İ., Kocyigit G., Onat N.
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- **ASSESSMENT OF THE TURKEY'S ELECTRIC POWER POLICIES IN TERMS OF SUSTAINABILITY**
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THERMAL SCIENCE, vol.18, pp.695-707, 2014 (Journal Indexed in SCI)
- **A new classification for power quality events in distribution systems**
ÖZGÖNENEL O., Yalçın T., Güney İ., KURT Ü.
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- **Power Quality Control and Design of Power Converter for Variable-Speed Wind Energy Conversion System with Permanent-Magnet Synchronous Generator**
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- **Analysis of load taps changer performance under balanced supply using simulation and experimental results**
KAKİLLİ A., Güney İ., Doğan Z.
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- **Environmental impact of energy transmission lines: a case study concerning with occupied forest areas in Turkey**
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- **Adaptive neuro-fuzzy inference system to improve the power quality of a split shaft microturbine power generation system**
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- **Cost analysis for FGD units of coal-fired power plants: a case study in Turkey**
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ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.28, pp.983-994, 2012 (Journal Indexed in SCI)
- **A novel three-phase transformer hysteresis model in MATLAB (TM) Simulink**
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TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.20, pp.479-492, 2012 (Journal Indexed in SCI)
- **Experimental analysis of an alternator excited with photovoltaic cells for small power plants**
GÜNEY K. R. İ. , Onat N.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.19, pp.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**

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COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.18, pp.669-683, 2010 (Journal Indexed in SCI)

- **Adaptive neuro-fuzzy inference system to improve the power quality of variable-speed wind power generation system**

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TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, pp.625-645, 2010
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Articles Published in Other Journals

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

Güney I., Onat N., Koçyiğit G.

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- **A different algorithm for correcting secondary current of current transformer**

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10th IET International Conference on Developments in Power System Protection, DPSP 2010, Manchester, United Kingdom, 29 March - 01 April 2010, vol.2010

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- **Fault Detection in Induction Motors with Independent Component Analysis (ICA)**

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- **Software Design for Life Cycle Analysis of a Stand-Alone PV System in Turkey**

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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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Total Citations (WOS):109

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