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Eğitim Bilgileri

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Araştırma Alanları

Kimya Mühendisliği ve Teknolojisi , Proses ve Reaktör Tasarımı, Proses Sistem Mühendisliği, Temel İşlemler ve Termodinamik, Termodinamik , Isı Aktarımı , Kimya, Fizikkimya, Termodinamik, Yakıt Pilleri, Temel Bilimler, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., Karadeniz Teknik Üniversitesi, Fen Fakültesi, Kimya, 2000 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. Guest editorial for special issue on "Progress in Energy Systems"

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II. Carbonized waste hazelnut wood-based shape-stable composite phase change materials for thermal management implementations

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- X. **Regional sustainable water and energy development projects: A case of Southeastern Anatolia Project (GAP) in Turkey (Retracted article. See vol. 83, pg. 173, 2018)**
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- XI. **Energy for sustainable development: A case of developing countries**
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- XIV. **Energy services and energy poverty for sustainable rural development**
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- XV. **Prospect of concentrating solar power in Turkey: The sustainable future**
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- XVI. **Sustainable Agriculture and the Production of Biomass for Energy Use**
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- XX. **Energy, Electricity and Socioeconomic Transformation of Rural Regions in Developing Countries**
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- XLIII. **Global warming and renewable energy sources for sustainable development: A case study in Turkey**
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- XLIV. **Capric acid and stearic acid mixture impregnated with gypsum wallboard for low-temperature latent heat thermal energy storage**
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- L. **Thermodynamic aspects of energy systems and sustainable development**

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- LI. **The Future of Nuclear Power and Renewable Energy Sources in the European Union**

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- LIV. **Energy use and air pollution issues in Turkey**

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- LV. **Thermal conductivity improvement of stearic acid using expanded graphite and carbon fiber for energy storage applications**

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- LVII. **Experimental study on melting/solidification characteristics of a paraffin as PCM**

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- LVIII. **High density polyethylene/paraffin composites as form-stable phase change material for thermal energy storage**

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- LXI. **The role of biomass in greenhouse gas mitigation**

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- LXII. **Energy for sustainable development: Key issues and challenges**

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- LXIII. **Renewable energy sources in the European Union: Markets and capacity**
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- LXIV. **Small hydropower plants as a new and renewable energy source**
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- LXVIII. **The benefits of renewables in Turkey**
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- LXX. **Thermal energy storage system using a technical grade paraffin wax as latent heat energy storage material**
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- LXXIII. **Geothermal energy in Turkey: the sustainable future**
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- LXXVI. **Energy and sustainable development. Part II: Environmental impacts of energy use**
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- LXXVII. **Second law analysis of various types of coal and woody biomass in Turkey**
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- LXXVIII. **Climate change mitigation in Turkey**
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- LXXIX. **Energy utilization, environmental pollution and renewable energy sources in Turkey**
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- LXXX. **First and second laws analyses of a closed latent heat thermal energy storage system**
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- LXXXI. **Hydropower and the world's energy future**
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- XCIII. **Renewable energy sources: The key to a better future**
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