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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design and analysis of a wireless power transfer system with alignment errors for electrical vehicle applications**

Kuzey Ş., Balci S., ALTIN N.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.28, pp.17928-17939, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **An Experimental Study of Thermoacoustic Couples**

Duman N., Acar H. İ., Kuzey Ö., Kuzey Ş.

Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.12, no.3, pp.649-659, 2023 (Peer-Reviewed Journal)

- II. **The Topologies of Multi-Input Single-Output Isolation-Free DC-DC Convertor for Hybrid Power Plants**

ŞEKER C., GÜNEŞER M. T., KUZEY Ş.

Balkan Journal of Electrical and Computer Engineering, vol.9, no.2, pp.201-206, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **MPPT VE GÜNEŞ ENERJİSİ UYGULAMALARI**

KUZEY Ş.

in: TEKNOBİLİM-2023 OPTİMİZASYON MODELLEME VE YAPAY ZEKA OPTİMİZASYON ALGORİTMALARI, Köse, Bayram; Demirtürk, Bahar, Editor, EFEKADEMİ YAYINLARI, İstanbul, pp.385-402, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **DURAN DALGALI TERMOAKUSTİK SOĞUTMA SİSTEMİNİN TASARIMI VE DENEYSEL KURULUMU**

DUMAN N., ACAR H. İ., KUZEY Ö., KUZEY Ş.

3rd RUMELİ ENERGY AND DESIGN FOR A SUSTAINABLE ENVIRONMENT SYMPOSIUM, İstanbul, Turkey, 02 February 2023, pp.75-84

- II. **Detection and Diagnosis of DC Faults at Module Level in Photovoltaic Systems**

KUZEY Ş., GÜNEŞER M. T.

INTERNATIONAL GRADUATE RESEARCH SYMPOSIUM - IGRS'22, İstanbul, Turkey, 01 June 2022

- III. **Designing an irrigation system using photovoltaic energy by considering crop type in Fergana Valley**

KUZEY Ş., ŞEKER C., Elweddad M., GÜNEŞER M. T.

2nd International Conference on Energetics, Civil and Agricultural Engineering 2021 (ICECAE 2021), TASHKENT, Uzbekistan, 14 October 2021

IV. Comparison of Multi-Input Single - Output Isolation-free DC-DC Converter Topologies for Hybrid Power Plants

KUZEY Ş., GÜNEŞER M. T., ŞEKER C.

12th International Exergy, Energy and Environment Symposium (IEEES-12), Doha, Qatar, 20 December 2020, pp.354-357

V. DESIGN AND TECHNICAL ANALYSIS OF A PHOTOVOLTAIC DRIP IRRIGATION SYSTEM

KUZEY Ş., GÜNEŞER M. T., ATMACA B.

8TH INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES (ICAT'2019), Sarajevo, Bosnia And Herzegovina, 26 - 30 August 2019, pp.158-164

VI. EVALUATION OF SOLAR ENERGY POTENTIAL IN EASTERNBLACK SEA REGION: GİRESUN

KUZEY Ş., GÜNEŞER M. T.

8TH INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES (ICAT'xx19), Sarajevo, Bosnia And Herzegovina, 26 - 30 August 2019, pp.473-477

VII. HIGH FREQUENCY INDUCTIVELY COUPLED POWER TRANSFER SYSTEM WITH LARGE AIR GAP FOR ELECTICAL VEHICLES

KUZEY Ş., BALCI S., ALTIN N.

IV. European Conference on Renewable Energy Systems ECRES 2016, İstanbul, Turkey, 28 - 31 August 2016, pp.865-871

Metrics

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