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International Researcher IDs

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Publons / Web Of Science ResearcherID: IUP-4327-2023

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Elektrik Mühendisliği, Turkey
2022 - Continues

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Elektrik Mühendisliği, Turkey
2020 - 2022

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey
2015 - 2020

Research Areas

Electrical and Electronics Engineering, Energy, Renewable energy

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department,
2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Pulsed Laser Diode Based Wireless Power Transmission Application: Determination of Voltage Amplitude, Frequency, and Duty Cycle**

Yiğit H., Boynueğri A. R.

IEEE ACCESS, vol.11, pp.54544-54555, 2023 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- Hydrogen-Battery Hybrid System for a High-Speed Train**

Temiz M. S., Yigit H., Boynueğri A. R.

2024 7th International Conference on Electric Power and Energy Conversion Systems (EPECS), 11 - 12 November
2024, pp.57-61

II. Improving LLC Resonant Converter Efficiency Through Optimal Capacitor Selection and Configuration

Akkuş M., Eski İ., Yigit H., Boynueğri A. R.

2024 7th International Conference on Electric Power and Energy Conversion Systems (EPECS), Sharjah, United Arab Emirates, 11 - 12 November 2024, pp.83-87

III. LLC Laser Driver for Laser Wireless Power Transfer Application

Yiğit H., Boynueğri A. R., Tekgun B.

2024 6th Global Power, Energy and Communication Conference (GPECOM), Budapest, Hungary, 4 - 07 June 2024, pp.12-16

IV. Design and Implementation of a Low-Cost Laser Diode Driver for Wireless Power Transmission

Yiğit H., Boynueğri A. R.

Istanbul Rumeli University 1st International Scientific Research Conference on Sustainable Engineering and Technology, İstanbul, Turkey, 13 - 15 May 2022, pp.129-135

Supported Projects

Boynueğri A. R., Kantürk Figen A., Yiğit H., Project Supported by Higher Education Institutions, Lazer ile Sudan Katalitik Hidrojen Üretim Sistemi Tasarımı ve Uygulaması, 2025 - 2027

BOYNUEĞRİ A. R., ERDİNÇ O., KARLUVALI A., YIĞİT H., ÖZKAYA B., GÖKÇEK T., RASHEED J., Project Supported by Higher Education Institutions, Araştırma Eğitim Toplumsal Katkı ve Dijital Dönüşüm Verilerinin Analitiği İçin Makine Öğrenimi Temelli Büyük Veri Analitik Raporlama Ekosistemi, 2023 - 2024

Boynueğri A. R., Erdem T., Kumru C. F., Tekgün B., TÜBİTAK Project, Lazer Kullanılarak Yüksek Verimli Ve Uzun Mesafeli Kablosuz Güç Aktarımı, 2022 - 2024

Scientific Refereeing

IEEE ACCESS, SCI Journal, December 2024

IEEE TRANSACTIONS ON POWER ELECTRONICS, SCI Journal, September 2024

Seventh International Conference on Electric Power and Energy Conversion Systems | EPECS'24 , Conference Paper (Full Text), September 2024

2024 IEEE 34th Australasian Universities Power Engineering Conference (AUPEC), Conference Paper (Full Text), September 2024

IEEE ACCESS, SCI Journal, July 2024

Metrics

Publication: 5

Citation (WoS): 4

Citation (Scopus): 5

H-Index (Scopus): 1