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International Researcher IDs

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Education Information

Doctorate, Ankara Yildirim Beyazıt University, Fen Bilimleri Enstitüsü, Electrical and Electronics Engineering, Turkey
2016 - 2022

Postgraduate, Ankara Yildirim Beyazıt University, Mühendislik ve Doğa Bilimleri Fakültesi, Elektronik ve Haberleşme Mühendisliği, Turkey 2014 - 2016

Undergraduate, Yıldız Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey
2008 - 2013

Foreign Languages

English, C1 Advanced

Research Areas

Power Electronics, Power Converters, Power Quality, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Design and Analysis of Ferrite Less Magnetic Coupler with Improved Dynamic Performance Characteristics for EV Applications**
Khalid H., Mekhilef S., Mubin M., Seyedmahmoudian M., Stojcevski A., Darvish P., EREL M. Z., Alshammari O., Jerbi H.
IEEE Journal of Emerging and Selected Topics in Power Electronics, 2024 (SCI-Expanded)
- II. **Investigation of External Factors for Wireless Capacitive Power Transfer Systems**
EREL M. Z., BAYINDIR K. Ç., Aydemir M. T.
Tehnicky Vjesnik, vol.30, no.4, pp.1081-1087, 2023 (SCI-Expanded)
- III. **A new capacitive coupler design for wireless capacitive power transfer applications**
EREL M. Z., BAYINDIR K. Ç., Aydemir M. T.
Engineering Science and Technology, an International Journal, vol.40, 2023 (SCI-Expanded)
- IV. **A Comprehensive Review on Wireless Capacitive Power Transfer Technology: Fundamentals and Applications**
EREL M. Z., BAYINDIR K. Ç., Aydemir M. T., Chaudhary S. K., Guerrero J. M.

Metrics

Publication: 4

Citation (Scopus): 58

H-Index (Scopus): 2