

Res. Asst. PhD Fatih Durmuş

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International Researcher IDs

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Education Information

Doctorate, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Elektrik-Elektronik Mühendisliği Anabilim Dalı, Turkey
2019 - 2024

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey
2016 - 2019

Undergraduate, Istanbul University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2011 - 2015

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Çeşitli geometrik yapıdaki sarımların karşılıklı indüktanslarının hesaplanması, Ondokuz Mayıs University,
Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2019

Research Areas

Electrical and Electronics Engineering, Circuit Theory

Academic Titles / Tasks

Research Assistant PhD, Ondokuz Mayıs University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü,
2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Lithium-Ion Battery Capacity Prediction with GA-Optimized CNN, RNN, and BP
Durmuş F., Karagol S.

APPLIED SCIENCES-BASEL, vol.14, no.13, 2024 (SCI-Expanded)

II. Mutual Inductance Calculation for Planar Square and Hexagonal Coils

Durmuş F., Karagöl S.

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.47, no.3, pp.3409-3420, 2022 (SCI-Expanded)

Articles Published in Other Journals

I. The Effect of the Wireless Power Transfer for Electric Vehicles on State of Charge

Durmuş F., Karagöl S.

Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.26, pp.447-455, 2021 (Peer-Reviewed Journal)

II. Yazılı Metni Şifreleyip LSB Yöntemi ile Gizleme

ÖZBİLGİN F., DURMUŞ F., KARAGÖL S.

Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.6, no.3, pp.678-685, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Electro-Thermal Equivalent Circuit of Lithium-Ion Battery Using COMSOL

Durmuş F., Karagöl S.

15th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2023, Bucharest, Romania, 29 - 30 June 2023

II. A Simple Text Detection From An Image By Image Processing

Özbiğın F., Kurnaz Ç., Durmuş F.

1. International Technological Sciences And Design Symposium, Giresun, Turkey, 27 - 29 June 2018, pp.366-367

III. Determination of Colors And Geometric Shapes of Objects With Matlab

DURMUŞ F., KURNAZ Ç., ÖZBİLGİN F.

INTERNATIONAL TECHNOLOGICAL SCIENCES AND DESIGN SYMPOSIUM, Giresun, Turkey, 27 - 29 June 2018

IV. Hiding an Encrypted Picture in an Image with LSB Method

DURMUŞ F., ÖZBİLGİN F., KARAGÖL S.

1. International Technological Sciences and Design Symposium, Giresun, Turkey, 27 - 29 June 2018

V. Mutual Inductance Calculation Formula for Planar Square Coils

Durmuş F., Karagöl S.

2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Kizilcahamam, Turkey, 19 - 21 October 2018, pp.531-535

VI. YÜKSELTİLMİŞ KOSİNÜS FİLTRESİNİN ROLLOFF FAKTÖRÜNE GÖRE BAŞARIMININ BELİRLENMESİ

ÖZBİLGİN F., TURGUT A., AYVENLİ F., DURMUŞ F., ÇAVUŞ B.

International Engineering Research Symposium, Düzce, Turkey, 11 - 13 September 2017

VII. YAZILI METNİ ŞİFRELEYİP LSB YÖNTEMİ İLE GİZLEME

ÖZBİLGİN F., DURMUŞ F., KARAGÖL S.

International Engineering Research Symposium (UMAS 2017), Düzce, Turkey, 11 - 13 September 2017

VIII. RELIABILITY ANALYSIS OF ATAKUM SAMSUN DISTRIBUTION SYSTEM BY USING MONTE CARLO SIMULATION

DURMUŞ F., KOCAMAN Ç.

5th International Conference on Advanced Technology Sciences, 9 - 12 May 2017

Supported Projects

Durmuş F., Project Supported by Higher Education Institutions, Elektrikli Araçların Kablosuz Enerji Transferi ile Şarj Edilmesi, 2023 - 2024