

Asst. Prof. Seçil Genç

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-6637-2021

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Education Information

Doctorate, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Elektrik-Elektronik Mühendisliği Anabilim Dalı, Turkey
2018 - 2024

Postgraduate, Ondokuz Mayıs University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey
2016 - 2018

Undergraduate, Firat University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2010 - 2014

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Electrical and Electronics Engineering, Energy, Engineering and Technology

Academic Titles / Tasks

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. The effect of conducted emissions of Grid-Tied three-Phase adjustable drives**
Genç S., Muneeswaran V., Thomas D., Greedy S., Gundogdu B., Sarma N., Özgönenel O.
Engineering Science and Technology, an International Journal, vol.46, 2023 (SCI-Expanded)
- II. Enhancement of Power Quality in Power Distribution Systems Using FC-TCR Based Compensation Systems**
Özgönenel O., Genç S., Gezegin C.
JOURNAL OF ENGINEERING RESEARCH, vol.11, pp.100-111, 2023 (SCI-Expanded)
- III. Comparison of Deep Learning Approaches in Classification of the Chest X-Ray**
Karagöl S., Akpınar K. N., Genç S.

Articles Published in Other Journals

- I. **POWER QUALITY ANALYSIS FOR POWER LED DRIVES**
GENÇ S., ÖZGÖNENEL O., Onat YİLDİZ O., KILIÇASLAN İ. H.
European Journal of Technique, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Suppression of Conducted Emissions in Three-Phase Adjustable Drive Systems**
GENÇ S., SARMA N., GÜNDOĞDU B., GEZEGİN C., TERZİ Ü. K.
14th INTERNATIONAL CONFERENCE on ELECTRICAL and ELECTRONICS ENGINEERING, 30 November - 02 December 2023
- II. **Conducted Emissions Analysis of DC-DC Buck Converter**
Genç S., Gundogdu B. M., Özgönel O.
4th IEEE Global Power, Energy and Communication Conference (IEEE GPECOM), Cappadocia, Turkey, 14 - 17 June 2022, pp.135-138
- III. **Chest X-Ray Abnormality Detection Based on SqueezeNet**
Akpınar K. N., Genç S., Karagöl S.
2nd International Conference on Electrical, Communication and Computer Engineering, ICECCE 2020, İstanbul, Turkey, 12 - 13 June 2020
- IV. **Automated Abnormality Classification of Chest Radiographs using MobileNetV2**
Genç S., Akpınar K. N., Karagöl S.
2nd International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA), Turkey, 26 - 27 June 2020, pp.676-679
- V. **Fuzzy Logic Application in DGA Methods to Classify Fault Type in Power Transformer**
Genç S., Karagöl S.
2nd International Congress on Human-Computer Interaction, Optimization and Robotic Applications (HORA), Turkey, 26 - 27 June 2020, pp.672-675
- VI. **Yaygın Faz Dönüştürücülerinin Karşılaştırmalı Değerlendirilmesi**
GENÇ S., ÖNBİLGİN G.
1.ULUSAL ELEKTRİK ENERJİSİ DÖNÜŞÜMÜ KONGRESİ, Turkey, 21 January 2018
- VII. **Operation Strategy for Single Phase to Three Phase Matrix Converter**
GENÇ S., ÖNBİLGİN G.
International Conference on Engineering Technologies, 09 December 2017
- VIII. **Impact of Mother Wavelet On The Performance of Wavelet-Neural Network (WNN) Based Transformer Protection**
Genç S., Özgönel O., Karagöl S.
2016 National Conference on Electrical, Electronics and Biomedical Engineering (ELECO), Bursa, Turkey, 1 - 03 March 2016, pp.16-20

Supported Projects

- Gezegin C., Genç S., Çavuş B., Özgönel O., Çelik M. S., Keskin B., Kalkışım E. S., Özbektaş S., Taşkın A., Üstün Ercan S., et al., AB IPA Project, This Youth Can Do A Good Job” (Bu Gençlikten İyi İş Çıkar)/ TREESP1.2NEETPRO/P-03/160, 2023 - 2024
- GEZEGİN C., Genç S., Project Supported by Higher Education Institutions, ELEKTRİK ŞEBEKESİNDE YÜKLERİN

BENZETİMİ VE GÜÇ KALİTESİNİN İNCELENMESİ, 2021 - 2022

Özgönenel O., Genç S., Project Supported by Higher Education Institutions, DC Güç Şebekelerinde İletilen Yayılımların Güç Kalitesi Analizi, 2021 - 2022