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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAY-7482-2021

Yoksis Researcher ID: 262078

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2016 - 2024

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2014 - 2016

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

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Foreign Language, İngilizce eğitim sertifikası, Marmara Üniversitesi, 2016

Dissertations

Postgraduate, İki eksenli güneş takip sisteminin tasarımı ve prototipinin üretimi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2016

Research Areas

Electrical and Electronics Engineering, Power Electronics, Power Converters, Engineering and Technology

Academic Titles / Tasks

Lecturer, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2018 - Continues

Expert, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A New PWM Technique for Three-Phase Three-Level Neutral Point Clamped Rectifier**
Mollahasanoğlu M., Mollahasanoğlu H., Okumuş H. İ.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.49, no.5, pp.6521-6530, 2024 (SCI-Expanded)
- II. **Comparative study of single-phase multilevel cascaded transformerless inverters with different modulation methods**
Mollahasanoğlu H., Mollahasanoğlu M., Özkop E.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.51, 2024 (SCI-Expanded)
- III. **New modified carrier-based level-shifted PWM control for NPC rectifiers considered for implementation in EV fast chargers**
MOLLAHASANOĞLU M., MOLLAHASANOĞLU H., OKUMUŞ H. İ.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.31, no.7, pp.1254-1275, 2023 (SCI-Expanded)
- IV. **Performance Evaluation of the Designed Two-Axis Solar Tracking System for Trabzon**
Mollahasanoğlu M., Okumuş H. İ.
IETE JOURNAL OF RESEARCH, vol.69, no.8, pp.5338-5350, 2023 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of Three-Phase Neutral-Point-Clamped PFC Rectifier Implemented with Isolated DC-DC Converters for EV Fast Charger**
Mollahasanoğlu M., Mollahasanoğlu H., Okumuş H. İ.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.1, no.1, pp.1-10, 2023 (ESCI)
- II. **A Review of Three Phase AC-DC Power Factor Correction Converters for Electric Vehicle Fast Charging**
MOLLAHASANOĞLU M., OKUMUŞ H. İ.
European Journal of Science and Technology, vol.32, pp.663-669, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Torque Ripple Minimization in Double U Core Switched Reluctance Motor**
AYDEMİR M., OKUMUŞ H. İ., MOLLAHASANOĞLU M.
2018 IEEE 18th International Power Electronics and Motion Control Conference (PEMC), Budapest, Hungary, 26 - 30 August 2018
- II. **Investigation of the Solar Angles Change for Motion Control of Two-Axis Solar Tracking Systems**
MOLLAHASANOĞLU M., OKUMUŞ H. İ., TEZDE E. İ., AYDEMİR M.
2018 IEEE 18th International Power Electronics and Motion Control Conference (PEMC), Budapest, Hungary, 26 - 30 August 2018
- III. **Investigation of the Two Most Discriminative Directions of the Wrist Movement Imagery Tasks**
MOLLAHASANOĞLU M., OKUMUŞ H., AYDEMİR Ö., OKUMUŞ H. İ.
ELECO 2017 10th International Conference on Electrical and Electronics Engineering, BURSA, TÜRKİYE, Bursa, Turkey, 30 November - 02 December 2017
- IV. **Investigation of the Two Most Discriminative Directions of the Wrist Movement Imagery Tasks**
AYDIN M., OKUMUŞ H., AYDEMİR Ö., Okumus H. İ. .
10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.568-571
- V. **Temperature Measurement and Monitoring with Wireless Development Tool**

AYDIN M., OKUMUŐ H. İ., KAHVECİ H.

International Conference on Image Processing, Production and Computer Science, Londra, United Kingdom, 26 - 27
March 2016, pp.17-22

Supported Projects

Mollahasanođlu M., TUBITAK Project, Elektrikli Araçların Hızlı Şarjı İçin Üç Fazlı Yüksek Güç Faktörlü AC/DC Doğrultucu
Geliştirilmesi, 2023 - 2024

Metrics

Publication: 11

Citation (WoS): 8

Citation (Scopus): 11

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