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International Researcher IDs

ScholarID: D390x04AAAAJ

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Publons / Web Of Science ResearcherID: AEY-7615-2022

ScopusID: 24780863900

Yoksis Researcher ID: 118381

Education Information

Post Doctorate, University of New Brunswick: Fredericton Campus, Faculty Of Engineering, Department Of Electrical And Computer Engineering, Canada 2014 - 2015

Doctorate, Karadeniz Technical University, -, Elektrik-Elektronik Mühendisliği, Turkey 2007 - 2012

Postgraduate, Karadeniz Technical University, -, Elektrik-Elektronik Mühendisliği, Turkey 2003 - 2006

Undergraduate, Gazi University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1998 - 2003

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, An intelligent controlled novel power conditioning for wave energy converter systems, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Electrical and Electronics Engineering, 2012

Postgraduate, The control of linear induction motor with the fuzzy logic, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Electrical and Electronics Engineering, 2006

Postgraduate, Sensorless BLDC Control of Permanent Magnet Axial Flux Motor, Universiteit Gent, Faculty of Engineering and Architecture, Department of Electrical Energy, Systems and Automation (EESA), 2006

Research Areas

Electrical and Electronics Engineering, Energy, Power System Analysis, Generating Stations and Plants, Electric Power Transmission, Distribution and Protection, Protection Systems, Renewable energy, High Voltage Technique, Power Electronics, Electric Motor Drivers, Power Converters, Power Quality, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2018 - Continues
Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2018 - 2018
Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2014 - 2018
Lecturer PhD, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2012 - 2014
Lecturer, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2011 - 2012
Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2003 - 2011

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2018 - Continues
Kamu, Üniversite ve Sanayici İşbirliği (KÜSİ) Trabzon Temsilcisi, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2016 - 2017
Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2016 - 2017
Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2014 - 2014

Courses

Güç Sistemleri, Undergraduate, 2021 - 2022
Final Project, Undergraduate, 2021 - 2022
Güç Sistemlerinin Tasarımı, Undergraduate, 2021 - 2022
Teknolojik Gelişmeler, Undergraduate, 2021 - 2022
Mühendislik Tasarımı, Undergraduate, 2021 - 2022
Yüksek Lisans Tezi, Postgraduate, 2021 - 2022
Lighting Technique, Undergraduate, 2021 - 2022
Aydınlatma Tekniği, Undergraduate, 2017 - 2018, 2016 - 2017
Yüksek Gerilim Tekniği, Undergraduate, 2017 - 2018
Yüksek Gerilim Güç Sistem Tasarımı, Undergraduate, 2016 - 2017
Yenilenebilir Enerji ve Güç Dönüştürücüleri, Postgraduate, 2016 - 2017
Bitirme Çalışması, Undergraduate, 2016 - 2017
Mühendislik Tasarımı, Undergraduate, 2017 - 2018
Aydınlatma Tekniği, Undergraduate, 2017 - 2018
Elektrik Elektronik Müh. Temelleri, Undergraduate, 2016 - 2017
Tasarım Projesi, Undergraduate, 2016 - 2017
Yüksek Gerilim Güç Sistem Tasarımı, Undergraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013
Mühendislik Etiği, Undergraduate, 2015 - 2016
Yüksek Gerilim Güç Sistem Tasarımı, Doctorate, 2016 - 2017
Yenilenebilir Enerji ve Güç Dönüştürücüleri , Postgraduate, 2015 - 2016
Bitirme Çalışması, Undergraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013
Yüksek Gerilim Tekniği, Undergraduate, 2015 - 2016
Tasarım Projesi, Undergraduate, 2015 - 2016, 2013 - 2014, 2012 - 2013
Aydınlatma Tekniği, Undergraduate, 2015 - 2016
Kontrol ve Sürücü Sistemleri Lab.-II, Undergraduate, 2013 - 2014, 2012 - 2013
Aydınlatma Tekniği, Undergraduate, 2013 - 2014, 2012 - 2013
Kontrol ve Sürücü Sistemleri Lab.-I, Undergraduate, 2013 - 2014, 2012 - 2013
Güç Sistemlerinde Koruma, Undergraduate, 2012 - 2013
Elektrik Devreleri, Undergraduate, 2012 - 2013

Advising Theses

Özkop E., Investigation of reactive power generation capability of H6-II type transformerless inverter with different modulation methods, Postgraduate, P.TÜRKMEN(Student), 2022

Özkop E., A comparative analysis of modulation techniques in multilevel inverter for pv applications, Postgraduate, N.ÇAVLI(Student), 2021

Özkop E., A single phase standalone transformerless H5 inverter application, Postgraduate, H.MOLLAHASANOĞLU(Student), 2020

Jury Memberships

Doctorate, Doctorate, Ondokuz Mayıs Üniversitesi, November, 2021

Post Graduate, Post Graduate, Karadeniz Teknik Üniversitesi, June, 2021

Doctorate, Doctorate, Karabük Üniversitesi, June, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, January, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, January, 2021

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, September, 2020

Doctorate, Doctorate, Ankara Yıldırım Beyazıt Üniversitesi, September, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, July, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, July, 2020

Doctoral Examination, Doctoral Examination, Ondokuz Mayıs Üniversitesi, June, 2020

Doctoral Examination, Doctoral Examination, Karadeniz Teknik Üniversitesi, February, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, January, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, January, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Karadeniz Teknik Üniversitesi, January, 2019

Post Graduate, Post Graduate, Ondokuz Mayıs Üniversitesi, January, 2019

Designed Lessons

Özkop E., Dağıtık Üretim Sistemleri, Undergraduate, 2022 - 2023

Özkop E., Teknolojik Gelişmeler, Undergraduate, 2020 - 2021

Özkop E., Yenilenebilir Enerji ve Güç Dönüş., Doctorate, 2015 - 2016

Published journal articles indexed by SCI, SSCI, and AHCI

I. The Analysis and Modeling of Voltage Survivability in Power Systems

Saleh S., Betancourt O., ÖZKOP E., Ahshan R., Zundel E., Sanchez Z., Meng J.

IEEE Transactions on Industry Applications, vol.60, no.3, pp.4654-4665, 2024 (SCI-Expanded)

II. Performance Analysis of Modulation Strategies in Single-Phase HBNPC Inverter Across Variable Operating Conditions

Cavli N., Özkop E.

IEEE ACCESS, vol.12, pp.65997-66013, 2024 (SCI-Expanded)

- III. **Comparative study of single-phase multilevel cascaded transformerless inverters with different modulation methods**
Mollahasanoglu H., Mollahasanoglu M., Özkop E.
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.51, 2024 (SCI-Expanded)
- IV. **A Survey on Direct Load Control Technologies in the Smart Grid**
ÖZKOP E.
IEEE Access, vol.12, pp.4997-5053, 2024 (SCI-Expanded)
- V. **On the Assessment of Sampling Rate Impacts on Responses of Digital Protective Relays**
Saleh S., ÖZKOP E., Al-Durra A., Hill T., Meng J., Valdes M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.59, no.5, pp.5420-5431, 2023 (SCI-Expanded)
- VI. **Effects of Sampled-Values Data Quality on Responses of Time-Frequency Based Digital Relays**
Saleh S., ÖZKOP E., Al-Durra A., Hill T., Meng J., Valdes M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.59, no.5, pp.5443-5452, 2023 (SCI-Expanded)
- VII. **Survivability-Based Protection for Electric Motor Drive Systems-Part II: Three Phase Permanent Magnet Synchronous Motor Drives**
Saleh S., ÖZKOP E., Nahid-Mobarakeh B., Rubaai A., Muttaqi K., Pradhan S.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.59, no.3, pp.2760-2771, 2023 (SCI-Expanded)
- VIII. **Experimental Performance Evaluation of the $\alpha\beta 0$ -Based Bus Differential Protection**
Saleh S., ÖZKOP E., Ahshan R., Al-Durra A., Valdes M., Mardegan C.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.59, no.3, pp.2919-2931, 2023 (SCI-Expanded)
- IX. **Experimental Assessment of Ground Fault Protection in Frequency-Selective Grounded Systems Fed by a Single Transformer**
Saleh S. A., ÖZKOP E., Valdes M. E., Yuksel A., Jewett D., Al-Durra A., Meng J., Panetta S. A. R.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.59, no.2, pp.2374-2385, 2023 (SCI-Expanded)
- X. **On the Factors Affecting Battery Unit Contributions to Fault Currents in Grid-Connected Battery Storage Systems**
Saleh S. A., Ozkop E., Valdes M. E., Yuksel A., Haj-Ahmed M., Sanchez Z. G., Mardegan C. S.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.58, no.3, pp.3019-3028, 2022 (SCI-Expanded)
- XI. **Survivability-Based Protection for Electric Motor Drive Systems-Part I: 3 Induction Motor Drives**
Saleh S. A. M., ÖZKOP E., AYAS M. Ş., Muttaqi K. M., Nahid-Mobarakeh B.
IEEE Transactions on Industry Applications, vol.58, pp.1797-1808, 2022 (SCI-Expanded)
- XII. **Ground Fault Protection in Frequency-Selective Grounded Systems Fed by a Single Transformer**
Saleh S., Jewett D., Meng J., Valdes M., ÖZKOP E., Yuksel A., Al-Durra A., Panetta S.
IEEE Transactions on Industry Applications, 2022 (SCI-Expanded)
- XIII. **Survivability-Based Protection for Three Phase Permanent Magnet Synchronous Motor Drives**
Saleh S., ÖZKOP E., Nahid-Mobarakeh B., Pradhan S., Rubaai A., Muttaqi K.
IEEE Transactions on Industry Applications, 2022 (SCI-Expanded)
- XIV. **Digital Differential Protection for 3 phi Solid-State Transformers**
Saleh S. A., ÖZKOP E.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.57, no.4, pp.3474-3486, 2021 (SCI-Expanded)
- XV. **Testing a Bus-Differential Protection for Buses Interconnecting Battery Storage Systems**
Saleh S. A., ÖZKOP E., Mardegan C. S., Valdes M. E.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.57, no.4, pp.3511-3521, 2021 (SCI-Expanded)
- XVI. **Testing the Frame-Angle-Based Direct Torque Control for 3 phi Induction Motor Drives**
Saleh S. A., Özkop E., Rubaai A.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.57, no.3, pp.2918-2930, 2021 (SCI-Expanded)
- XVII. **Testing the Performance of a dq0 Phaselet Transform Based Digital Differential Protection for 3 phi Converter Transformers**
Saleh S. A. M., Özkop E., St-Onge X. F., Richard C.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.56, no.6, pp.6258-6271, 2020 (SCI-Expanded)

- XVIII. **Employing Fault Currents in the Reliability Analysis of Motor Drives**
Saleh S. A., Özkop E., Ayas M. Ş., Boileau T., Nahid-Mobarakeh B.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.56, pp.4521-4531, 2020 (SCI-Expanded)
- XIX. **Selecting Locations and Sizes of Battery Storage Systems Based on the Frequency of the Center of Inertia and Principle Component Analysis**
Saleh S. A., ÖZKOP E., Meng R. J., Sanchez Z. G., Betancourt O. A. A.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.56, no.2, pp.1040-1051, 2020 (SCI-Expanded)
- XX. **Developing and Testing a Unit-Commitment-Based Controller of Bus-Split Aggregated Residential Electric Water Heaters**
Saleh S. A., ÖZKOP E., Castillo-Guerra E., Pijnenburg P. C.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.56, no.2, pp.1124-1135, 2020 (SCI-Expanded)
- XXI. **Design and Testing of a Frequency-Selective Grounding for 3 phi Power Transformers**
Saleh S. A., Onge X. F. S., Richard C., ÖZKOP E., Panetta S. A. R.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.56, no.1, pp.74-87, 2020 (SCI-Expanded)
- XXII. **Solid-State Transformers for Distribution Systems-Part II: Deployment Challenges**
Saleh S. A., ÖZKOP E., Alsayid B., Richard C., St Onge X. F., McDonald K. M., Chang L.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.55, no.6, pp.5708-5716, 2019 (SCI-Expanded)
- XXIII. **Solid-State Transformers for Distribution Systems-Part I: Technology and Construction**
Saleh S. A. M., Richard C., St Onge X. F., McDonald K. M., ÖZKOP E., Chang L., Alsayid B.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.55, no.5, pp.4524-4535, 2019 (SCI-Expanded)
- XXIV. **Multistage and Multilevel Power Electronic Converter-Based Power Supply for Plasma DBD Devices**
Saleh S. A., Allen B., ÖZKOP E., Colpitts B. G.
IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, vol.65, no.7, pp.5466-5475, 2018 (SCI-Expanded)
- XXV. **Performance of Multiframe Digital Interconnection Protection for Distributed Cogeneration Systems**
Saleh S. A., Meng R., McSheffery R., Buck S. E., ÖZKOP E.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.54, no.2, pp.1166-1181, 2018 (SCI-Expanded)
- XXVI. **Phaselet-Based Method for Detecting Electric Faults in 3 phi Induction Motor Drives-Part II: Performance Evaluation**
Saleh S. A., ÖZKOP E.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.53, no.3, pp.2988-2996, 2017 (SCI-Expanded)
- XXVII. **Phaselet-Based Method for Detecting Electric Faults in 3 phi Induction Motor Drives-Part I: Analysis and Development**
Saleh S. A., ÖZKOP E.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.53, no.3, pp.2976-2987, 2017 (SCI-Expanded)
- XXVIII. **On the Experimental Performance of a Coordinated Antiislanding Protection for Systems With Multiple DGUs**
Saleh S. A., Aljankawey A. S., ÖZKOP E., Meng R.
IEEE TRANSACTIONS ON POWER ELECTRONICS, vol.32, no.2, pp.1106-1123, 2017 (SCI-Expanded)
- XXIX. **Control, power and electrical components in wave energy conversion systems: A review of the technologies**
ÖZKOP E., ALTAŞ İ. H.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.67, pp.106-115, 2017 (SCI-Expanded)
- XXX. **The Development of a Coordinated Anti-Islanding Protection for Collector Systems With Multiple Distributed Generation Units**
Saleh S. A., ÖZKOP E., Aljankawey A. S.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.52, no.6, pp.4656-4667, 2016 (SCI-Expanded)
- XXXI. **Performance of the Phaselet Frames-Based Digital Protection for Distributed Generation Units**
Saleh S. A. M., ÖZKOP E., Aljankawey A. S.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.52, no.3, pp.2095-2109, 2016 (SCI-Expanded)
- XXXII. **An adaptive fuzzy PI controlled bus quantity enhancer for wave energy systems**
ÖZKOP E., Sharaf A. M., ALTAŞ İ. H.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.4, pp.2454-2469, 2016
(SCI-Expanded)

XXXIII. **A Virtual Electric Power Transmission Line Lab**

ÖZKOP E.

INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION, vol.32, no.5, pp.2240-2249, 2016 (SCI-Expanded)

XXXIV. **A fuzzy logic sliding mode controlled electronic differential for a direct wheel drive EV**

ÖZKOP E., ALTAŞ İ. H., OKUMUŞ H. İ., Sharaf A. M.

INTERNATIONAL JOURNAL OF ELECTRONICS, vol.102, no.11, pp.1919-1942, 2015 (SCI-Expanded)

XXXV. **A Novel Control Algorithm for Self Adjusting Dynamic Voltage Stabilization Scheme**

Özkop E., Sharaf A. M., ALTAŞ İ. H.

ELEKTRONIKA IR ELEKTROTEHNIKA, vol.20, no.3, pp.33-38, 2014 (SCI-Expanded)

XXXVI. **A Virtual PV Systems Lab for Engineering Undergraduate Curriculum**

Özkop E., ALTAŞ İ. H.

INTERNATIONAL JOURNAL OF PHOTOENERGY, 2014 (SCI-Expanded)

XXXVII. **A novel switched power filter-green plug (SPF-GP) scheme for wave energy systems**

ÖZKOP E., ALTAŞ İ. H., Sharaf A. M.

RENEWABLE ENERGY, vol.44, pp.340-358, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Experimental and Simulated Investigation of a Single-Phase Transformerless H5 Inverter Topology**
Mollahasanoğlu H., Özkop E.
Jordan Journal of Electrical Engineering, vol.10, no.1, pp.103-121, 2024 (ESCI)
- II. **Control of single phase grid connected transformerless PV inverter system**
Yuksel A., ÖZKOP E.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.25, no.2, pp.143-150, 2019 (ESCI)
- III. **Performance of PSO Based Classical and Intelligent Controllers for Water Level Control of a Steam Generator**
Özkop E., Altaş İ. H.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.19, no.57, pp.835-844, 2017 (Peer-Reviewed Journal)
- IV. **A Self Adjustable FACTS Device and Controller for Distribution Systems**
ÖZKOP E., ALTAŞ İ. H., Sharaf A.
AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.17, no.1, pp.131-137, 2017 (Peer-Reviewed Journal)
- V. **Görsel Temel Elektrik Devreleri Eğitim Seti**
Altun Z., Tural M. E., Durmuş E. C., Çamyar A., Ünal İ., ÖZKOP E.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.250, pp.160-162, 2015 (Peer-Reviewed Journal)
- VI. **Akıllı Şebeke: Doğrudan Yük Kontrol Yöntemi Örneği**
ÖZKOP E., Chang L.
Otomasyon, no.274, pp.180-184, 2015 (Peer-Reviewed Journal)
- VII. **Rüzgâr ve Dalga Enerjisi Potansiyelinin Belirlenmesi**
Öz T., Aytekin A., Kahrıman M., Arıkan K. C., ÖZKOP E.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.249, pp.174-178, 2015 (Peer-Reviewed Journal)
- VIII. **Korumanın Tarihi ve Dijital Çağ**
ÖZKOP E., Aljankawey A. S.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.249, pp.138-140, 2015 (Peer-Reviewed Journal)
- IX. **İnsansız Elektrikli Bisiklet Tasarımı**
Tezcan U., Tatar E., Kuloğlu G., Karabıyık F., ÖZKOP E.

- 3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.249, pp.152-156, 2015 (Peer-Reviewed Journal)
- X. **Yaklaşan İnsansız Araç Çağı-İnsansız Su Altı Aracı**
Genç D., Doğru D., Doğan E., Terzi M. E., Gedikli M., Peker S., CORA A., ÖZKOP E.
Otomasyon, no.254, pp.209-211, 2013 (Peer-Reviewed Journal)
- XI. **Elektrikli Araç-Bisiklet**
Özler E., Şahin S., Deniz T., Karakaş B., ÖZKOP E.
Otomasyon, no.250, pp.380-382, 2013 (Peer-Reviewed Journal)
- XII. **Ev Otomasyonu-Akılları Nerede?**
Yılmaz M. G., Kodan Ş., Taşar U., Er Y., ÖZKOP E.
Otomasyon, no.250, pp.344-346, 2013 (Peer-Reviewed Journal)
- XIII. **An Intelligent Self Adjustable Facts Device for Distribution Systems**
ALTAŞ İ. H., Sharaf A. M., Özkop E.
International Journal of Power Engineering & Green Technology, no.2, pp.11-26, 2011 (Peer-Reviewed Journal)
- XIV. **Güneş Enerjili Bir Aracın Modeli ve Kayan Kipli Denetimi**
ÖZKOP E., ALTAŞ İ. H.
Otomasyon, no.213, pp.292-295, 2010 (Peer-Reviewed Journal)
- XV. **Dalga Enerjisi Dönüşüm Sistemi Maliyeti ve Çevresel Etkileri**
ÖZKOP E., ALTAŞ İ. H.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.189, pp.150-154, 2010 (Peer-Reviewed Journal)
- XVI. **Bir Değerlendirme: Enerji Kaynaklarının Dünü, Bugünü ve Yarını**
ÖZKOP E., ALTAŞ İ. H.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.189, pp.262-268, 2010 (Peer-Reviewed Journal)
- XVII. **Yenilenebilir Enerji Kaynakları ve Bir Dalga Enerji Dönüştürücü DA Enerji Kullanım Çiftliği Uygulaması**
ÖZKOP E., ALTAŞ İ. H.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.177, pp.132-140, 2009 (Peer-Reviewed Journal)
- XVIII. **Güneş Enerjili Bir Aracın Modellenmesi ve Denetimi**
ALTAŞ İ. H., ÖZKOP E., Sharaf A. M.
Otomasyon, no.193, pp.204-208, 2008 (Peer-Reviewed Journal)
- XIX. **Dalga Enerjisi: Dünü, Bugünü ve Yarını**
ÖZKOP E., ALTAŞ İ. H.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.167, pp.154-160, 2008 (Peer-Reviewed Journal)
- XX. **Test ve Ölçüm Cihazlarının Bilgisayar ile Haberleşmesini Sağlayan İletişim (3)**
CORA A., ÖZKOP E.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.167, pp.116-120, 2008 (Peer-Reviewed Journal)
- XXI. **Test ve Ölçüm Cihazlarının Bilgisayar ile Haberleşmesini Sağlayan İletişim (2)**
CORA A., ÖZKOP E.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.166, pp.172-176, 2008 (Peer-Reviewed Journal)
- XXII. **Test ve Ölçüm Cihazlarının Bilgisayar ile Haberleşmesini Sağlayan İletişim**
CORA A., ÖZKOP E.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.165, pp.222-226, 2008 (Peer-Reviewed Journal)
- XXIII. **Yenilenebilir Enerji Kaynakları ve Bir Rüzgâr Enerji Üretim Sisteminde Gerilim ve Güç Kalitesinin Artırılması**
ÖZKOP E., ALTAŞ İ. H., Sharaf A. M.
3e-Electrotech (Enerji, Elektrik, Elektromekanik), no.165, pp.176-182, 2008 (Peer-Reviewed Journal)
- XXIV. **Test ve Ölçüm Cihazlarının Bilgisayar ile Haberleşmesini Sağlayan İletişimi**
CORA A., ÖZKOP E.
3e-Electrotech, no.165, pp.222-226, 2008 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **A Novel Multi-loop Control Algorithm for a Hybrid PV Energy Farm**
Sharaf A., ALTAŞ İ. H., ÖZKOP E.
in: Renewable Energy: Selected Issues Volume I, Manuel Pérez-Donsión, Silvano Vergura, Gianpaolo Vitale, Editor, Cambridge Scholars Publishing, pp.379-401, 2016
- II. **INISTA 2009 International Symposium on INnovations in Intelligent SysTems and Applications**
Özkop E. (Editor)
Karadeniz Teknik Üniversitesi, Trabzon, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Impedance Grounding for Variable-Frequency Electric Motor Drives**
Saleh S., Jee A., Meng J., ÖZKOP E., Nahid-Mobarakeh B., Panetta S., Mohla D.
60th IEEE/IAS Industrial and Commercial Power Systems Technical Conference, I and CPS 2024, Nevada, United States Of America, 19 - 23 May 2024
- II. **Assessment of Sampled-Values Data Quality on Responses of Time-Frequency Based Digital Relays**
Saleh S., Meng J., Özkop E., Valdes M., Hill T., Al-Durra A.
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- III. **Impacts of the Sampling Rate on Responses of Digital Protective Relays**
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TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, SCI Journal, May 2017
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IET GENERATION TRANSMISSION & DISTRIBUTION, SCI Journal, April 2017
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International Journal of Energy Research, SCI Journal, April 2017
IEEE Transactions on Industry Applications, SCI Journal, February 2017
The Open Cybernetics and Systemics Journal, Other Indexed Journal, January 2017
TURKISH JOURNAL OF ELECTRICAL ENGINEERING & COMPUTER SCIENCES, SCI Journal, January 2017
Robotics and Autonomous Systems, SCI Journal, January 2017
IEEE Transactions on Power Electronics, SCI Journal, January 2017
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Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, SCI Journal, August 2016
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Journal of the Faculty of Engineering and Architecture of Gazi University, SCI Journal, May 2016
IEEE Industry Applications Society, SCI Journal, April 2016
Electrical Engineering, SCI Journal, March 2016
Journal of Systems and Control Engineering, Other Indexed Journal, February 2016
IEEE Industry Applications Society, SCI Journal, January 2016
IEEE Industry Applications Society, SCI Journal, November 2015
IEEE Transactions on Power Electronics, SCI Journal, November 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, November 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, November 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, November 2015
IEEE Transactions on Power Systems, SCI Journal, November 2015
International Journal of Modelling and Simulation, Other Indexed Journal, October 2015
Sigma Journal of Engineering and Natural Sciences, Other Indexed Journal, October 2015
IEEE Industry Applications Society, SCI Journal, October 2015
IEEE Industry Applications Society, SCI Journal, September 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, September 2015
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Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, April 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, April 2015
International Journal of Electronics, SCI Journal, April 2015
Electrical Engineering, SCI Journal, April 2015
IET Power Electronics, SCI Journal, March 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, February 2015
Electrical Engineering, SCI Journal, February 2015
Gazi University Journal of Science Part A: Engineering and Innovation, Other Indexed Journal, February 2015
Advances in Electrical and Electronic Engineering, Other Indexed Journal, February 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, January 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, January 2015
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, December 2014
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, November 2014
Journal of Global Research in Education and Social Science, Other Indexed Journal, November 2014
International Journal of Power and Energy Conversion, Other Indexed Journal, October 2014
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, October 2014
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, October 2014
IET Power Electronics, SCI Journal, August 2014
International Journal of Photoenergy, SCI Journal, July 2014
International Journal of Photoenergy, SCI Journal, July 2014
International Journal of Photoenergy, SCI Journal, June 2014
International Journal of Electrical Power and Energy Systems, SCI Journal, April 2014
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, March 2014
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IET Power Electronics, SCI Journal, August 2013
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Advances in Electrical and Electronic Engineering, Other Indexed Journal, July 2013
Measurement, SCI Journal, April 2013
International Transactions on Electrical Energy Systems, SCI Journal, April 2013
International Journal of Electronics, SCI Journal, January 2013
Advances in Electrical and Electronic Engineering, Other Indexed Journal, January 2013
IET Power Electronics, SCI Journal, January 2013
European Transactions on Electrical Power, SCI Journal, January 2013
IET Power Electronics, SCI Journal, December 2012
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, December 2012
Turkish Journal of Electrical Engineering and Computer Sciences, SCI Journal, December 2012
Electric Power Components and Systems, SCI Journal, September 2012
IET Power Electronics, SCI Journal, August 2012

Electrical Engineering, SCI Journal, January 2012
Sigma Mühendislik ve Fen Bilimleri Dergisi, National Scientific Refreed Journal, December 2011
Scientific Research and Essays, Other Indexed Journal, April 2011
IET Power Electronics, SCI Journal, March 2011
European Transactions on Electrical Power, SCI Journal, August 2010

Tasks In Event Organizations

Özkop E., ASYU 2012 Akıllı Sistemlerde Yenilikler ve Uygulamaları Sempozyumu, Scientific Congress, Trabzon, Turkey, Temmuz 2012
Özkop E., INISTA 2012 International Symposium on INnovations in Intelligent SysTems and Applications, Scientific Congress, Trabzon, Turkey, Temmuz 2012
Özkop E., INISTA 2009 International Symposium on Innovations in Intelligent Systems and Applications, Scientific Congress, Trabzon, Turkey, Temmuz 2009

Mobility Activity

Other, Guest Researcher, University of New Brunswick: Fredericton Campus, Canada, 2017 - 2017
Post Doc, Post Doc, University of New Brunswick: Fredericton Campus, Canada, 2014 - 2015
Erasmus Programme, Student Mobility, Universiteit Gent, Belgium, 2005 - 2006

Metrics

Publication: 130
Citation (WoS): 479
Citation (Scopus): 885
H-Index (WoS): 11
H-Index (Scopus): 16

Invited Talks

Yenilenebilir Enerji Kaynakları, Conference, Karadeniz Teknik Üniversitesi, Turkey, April 2008

Scholarships

Yurt Dışı Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2014 - 2015
Yurt İçi Doktora Bursu, TÜBİTAK, 2008 - 2012
Yurt İçi Yüksek Lisans Bursu, TÜBİTAK, 2005 - 2006

Awards

Özkop E., IEEE Senior Member, Institute Of Electrical And Electronics Engineers (Ieee), October 2017

Non Academic Experience

University of New Brunswick

University of New Brunswick
Ghent University