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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Elektrik Mühendisliği, Turkey
2003 - 2009

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2001 - 2003

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey
1997 - 2001

Research Areas

Electrical and Electronics Engineering, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department,
2021 - Continues

Assistant Professor, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department,
2018 - 2021

Assistant Professor, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department,
2009 - 2018

Research Assistant, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department,
2001 - 2009

Academic and Administrative Experience

Fakülte Kurulu Üyesi, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department,
2013 - 2016

Deputy Head of Department, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering
Department, 2011 - 2014

Supervised Theses

- Arıkan O., Kentsel raylı ulaşım sistemleri için akıllı enerji yönetim algoritması geliştirilmesi, Doctorate, A.YILDIZ(Student), 2023
- Arıkan O., YÜKSEK GERİLİM ENERJİ İLETİM SİSTEMLERİNDE KULLANILAN HAVAİ HAT İLETKENLERİNİN PERFORMANS ANALİZLERİ, Postgraduate, M.DİNÇ(Student), 2022
- Arıkan O., Güç Sistemlerinde Arıza Akımı Sınırlayıcıların Etkilerinin Analizi, Doctorate, B.Küçükaydın(Student), 2021
- Arıkan O., Katı Yalıtkan Malzemelerin Farklı Çalışma Koşulları Altında Performans Analizi, Postgraduate, F.AKIN(Student), 2021
- Arıkan O., Alternatif ve darbe yüksek gerilimleri ile yaşlandırılmış orta gerilim yeraltı kablolarının performans analizi, Doctorate, C.ÇAĞDAŞ(Student), 2021
- Arıkan O., Elektrik Dağıtım Sistemlerinde Ark Arızalarının Tespiti, Analizi ve Azaltılması, Postgraduate, S.BAYKUL(Student), 2019
- Arıkan O., Raylı ulaşım sistemlerinde elektriksel enerji verimliliğinin artırılması, Postgraduate, A.YILDIZ(Student), 2018
- ARIKAN O., FARKLI ARIZA DURUMLARI DIKKATE ALINARAK ENERJİ İLETİM SİSTEMİ İÇİN EN UYGUN RÖLE AYAR DEGERLERİNİN BELİRLENMESİ, Postgraduate, H.Aydın(Student), 2017
- ARIKAN O., Enerji İletim Hatlarındaki Yapısal Degisikliklerin Röle Koordinasyonu Üzerindeki Etkileri, Postgraduate, Ö.Gürsanlı(Student), 2017
- ARIKAN O., Elektrik Enerjisi İletim Hatlarında Arıza Akımlarının Sınırlandırılması, Postgraduate, N.Akay(Student), 2016
- ARIKAN O., Yüksek Gerilim Yer Altı Kablolarının Isıl Analizi, Postgraduate, B.Küçükaydın(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Energy-efficient train operation strategy for human-driven trains and a real-world test on the Istanbul Subway System**
Yildiz A., ARIKAN O.
Transportation Planning and Technology, 2025 (SCI-Expanded)
- II. **Experimental analysis of a multi-phase resonance-based fault current limiter prototype under symmetrical and asymmetrical faults**
Kucukaydin B., ARIKAN O., Isen E.
Electric Power Systems Research, vol.233, 2024 (SCI-Expanded)
- III. **Economic operation of a micro grid structured university campus via optimal diesel generator operation under different strategies: a case study**
İşçan S., ARIKAN O.
Electrical Engineering, vol.106, no.4, pp.4859-4880, 2024 (SCI-Expanded)
- IV. **Energy-Efficient Train Operation Optimization in Istanbul Metro Network Considering Variable Passenger Numbers**
Yildiz A., ARIKAN O., KESKİN K.
Transportation Research Record, vol.2678, no.7, pp.224-244, 2024 (SCI-Expanded)
- V. **Multi-physics modelling and performance analysis of an air-core reactor in the framework of solid-state fault current limiters**
AKIN F., ARIKAN O., Kucukaydin B.
Electric Power Systems Research, vol.231, 2024 (SCI-Expanded)
- VI. **A Timetable Optimization Model for the Istanbul, Turkey, Metro Network Considering a Novel Regenerative Braking Energy Model**
Yildiz A., ARIKAN O., Cakiroglu H.
Journal of Transportation Engineering Part A: Systems, vol.150, no.2, 2024 (SCI-Expanded)
- VII. **The effect of electric vehicle charging demand variability on optimal hybrid power systems with second-life lithium-ion or fresh Na-S batteries considering power quality**
Terkes M., Arıkan O., Gokalp E.
Energy, vol.288, 2024 (SCI-Expanded)
- VIII. **Breakdown strength analysis of XLPE insulation types: A comparative study for multi-layer structure**

and voltage rise rate

Camalov M., Orucov A., Hashimov A., Arıkan O., Akin F.
Electric Power Systems Research, vol.223, 2023 (SCI-Expanded)

- IX. **Insulation evaluation of MV underground cable with partial discharge and dielectric dissipation factor measurements**
ARIKAN O., UYDUR C. C., KUMRU C. F.
Electric Power Systems Research, vol.220, 2023 (SCI-Expanded)
- X. **The effect of thermal aging on solid insulating materials: A case study for dielectric loss and dissipation factor based evaluations under different voltage levels and frequencies**
Akin F., Arıkan O.
Engineering Failure Analysis, vol.148, 2023 (SCI-Expanded)
- XI. **Traction energy optimization considering comfort parameter: A case study in Istanbul metro line**
Yildiz A., Arıkan O., Keskin K.
ELECTRIC POWER SYSTEMS RESEARCH, vol.218, 2023 (SCI-Expanded)
- XII. **Dielectric performance analysis of laboratory aged power cable under harmonic voltages**
Uydur C. Ç., Arıkan O.
ELECTRICAL ENGINEERING, vol.104, no.6, pp.4197-4212, 2022 (SCI-Expanded)
- XIII. **Analysis of breakdown mechanism based on contact area and field enhancement factor of different electrode-material combinations**
Akin F., Arıkan O.
International Journal of Energy Research, vol.46, no.9, pp.12674-12686, 2022 (SCI-Expanded)
- XIV. **Prediction of dielectric parameters of an aged mv cable: A comparison of curve fitting, decision tree and artificial neural network methods**
Arıkan O., Uydur C. C., Kumru C. F.
Electric Power Systems Research, vol.208, 2022 (SCI-Expanded)
- XV. **A Comparative Study on Applicability of Parallel Resonance Type Fault Current Limiters in Power Systems**
Kucukaydin B., Arıkan O.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.29, no.3, pp.993-1001, 2022 (SCI-Expanded)
- XVI. **The Effect of Insulation Defects on Electric and Magnetic Field Distributions in Power Cables**
Uydur C. C., Arıkan O., Kalenderli Ö.
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.28, no.4, pp.1152-1160, 2021 (SCI-Expanded)
- XVII. **Use of Tan delta and Partial Discharge for Evaluating the Cable Termination Assembly**
Uydur C. C., Arıkan O.
ENERGIES, vol.13, no.20, 2020 (SCI-Expanded)
- XVIII. **A new approach to limit fault current with series-parallel resonance strategy**
ARIKAN O., Kucukaydin B.
ELECTRICAL ENGINEERING, vol.102, no.3, pp.1287-1296, 2020 (SCI-Expanded)
- XIX. **A New Approach for Grid-Connected Hybrid Renewable Energy System Sizing Considering Harmonic Contents of Smart Home Appliances**
Erenoğlu A. K., Çiçek A., Arıkan O., Erdinç O., Catalao J. P. S.
APPLIED SCIENCES-BASEL, vol.9, no.18, 2019 (SCI-Expanded)
- XX. **Analyses of the insulating characteristics of mineral oil at operating conditions**
Taslak E., ARIKAN O., Kumru C. F., Kalenderli Ö.
ELECTRICAL ENGINEERING, vol.100, no.1, pp.321-331, 2018 (SCI-Expanded)
- XXI. **Survey of power quality in Turkish national transmission network**
Kocatepe C., Kekezoğlu B., Bozkurt A., Yumurtacı R., İnan A., Arıkan O., Baysal M., Akkaya Y.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.21, pp.1880-1892, 2013 (SCI-Expanded)
- XXII. **Assessment of power quality terms on energy distribution systems: a case study of Istanbul**
KEKEZOĞLU B., BOZKURT A., ARIKAN O., KOCATEPE C., YUMURTACI R., BAYSAL M.

PRZEGLAD ELEKTROTECHNICZNY, vol.88, 2012 (SCI-Expanded)

- XXIII. **Power quality assessment of grid-connected wind farms considering regulations in turkey**
Kocatepe C., Inan A., Arıkan O., Yumurtacı R., Kekezoğlu B., Baysal M., Bozkurt A., Akkaya Y.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.13, no.9, pp.2553-2561, 2009 (SCI-Expanded)

Articles Published in Other Journals

- I. **Optimizing Distribution Network Reconfiguration for Power Loss and Fault Current Management**
Akin F., Çıkan M., Arıkan O., Kekezoğlu B.
Mühendislik bilimleri ve araştırmaları dergisi (Online), vol.6, no.2, pp.188-197, 2024 (Peer-Reviewed Journal)
- II. **The Degradation Analysis of XLPE Materials Under Thermal Aging: A Comprehensive Study Through Partial Discharge Measurements and Structural Characterization Techniques**
Camalov M., AKIN F., Hashimov A., ARIKAN O., Orucov A., Guliyev M.
Transactions on Electrical and Electronic Materials, vol.25, no.4, pp.494-506, 2024 (ESCI)
- III. **A single-phase solid-state fault current limiter: Simulation and experimental study**
Küçükaydın B., Arıkan O., İşen E.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, vol.42, no.1, pp.164-176, 2024 (ESCI)
- IV. **Analysis of Solid Insulating Materials Breakdown Voltages Under Different Voltage Types**
AKIN F., ARIKAN O., UYDUR C. Ç.
Turkish Journal of Electrical Power and Energy Systems, vol.2, 2022 (Peer-Reviewed Journal)
- V. **Energy Management Planning According to the Electricity Tariff Models in Turkey: A Case Study**
İŞÇAN S., ARIKAN O.
Turkish Journal of Electrical Power and Energy Systems, vol.2, 2022 (Peer-Reviewed Journal)
- VI. **Characteristics of Power Consumption and Harmonic Components of Electrical Appliances Used in Residences with K-Means Clustering Method**
Yıldız M. Ş., Arıkan O., Erenoğlu A. K., Kekezoğlu B.
Firat Üniversitesi Mühendislik Bilimleri Dergisi, vol.33, no.1, pp.1-9, 2021 (Peer-Reviewed Journal)
- VII. **Investigation of line displacement in terms of electrical field distribution and safe right of way distance in energy transmission systems**
Kumru C. F., Arıkan O.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.26, no.2, pp.279-285, 2020 (ESCI)
- VIII. **Investigation of the Effect of Arc Flash Fault Reduction Methods: Sample Application for Industrial Plant**
Arıkan O., Baykul S.
Avrupa Bilim ve Teknoloji Dergisi, no.17, pp.589-605, 2019 (Peer-Reviewed Journal)
- IX. **Technical And Ecnomical Efficiency Analysis For DC Electric Railway Systems**
Yıldız A., Arıkan O.
Avrupa Bilim ve Teknoloji Dergisi, pp.729-739, 2019 (Peer-Reviewed Journal)
- X. **Arc Flash Faults Calculations, Hazard Analysis and Reduction Methods**
Baykul S., Arıkan O.
International Journal of Advances in Computer and Electronics Engineering (IJACEE), vol.4, no.3, pp.1-9, 2019 (Peer-Reviewed Journal)
- XI. **Performance analysis of stand-alone hybrid (wind-photovoltaic) energy system**
Arıkan O., İşen E., Kekezoğlu B.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.25, no.5, pp.571-576, 2019 (ESCI)
- XII. **An Algorithm for Transmission Distance Relay Setting Calculation Under Network Topology Change**
Arıkan O., Gürsanlı Ö., Aydın H., Yağmur E. A.
International Journal Of Innovative Research In Electrical, Electronics, Instrumentation And Control Engineering

- (IJIREEICE), vol.4, no.5, pp.508-513, 2016 (Peer-Reviewed Journal)
- XIII. **Effects of Power Quality Terms on Passive Power Filters**
ARIKAN O., KEKEZOĞLU B., KUMRU C. F.
European Journal of Engineering and Technology, vol.4, pp.25-38, 2016 (Peer-Reviewed Journal)
- XIV. **Wind energy potential of Marmara region in Turkey**
İşen E., Arıkan O., Kocaman Ç., Kekezoğlu B.
International Journal Of Energy And Environment, vol.6, no.1, pp.17-26, 2015 (Non Peer-Reviewed Journal)
- XV. **Comparison of Charge Controllers on PV Panel Performance: An Experimental Study**
Arıkan O., Kekezoğlu B., Durusu A., İşen E., Erduman A., Bozkurt A.
International Journal of Advancements in Electronics and Electrical Engineering – IJAEEE, vol.3, pp.121-125, 2014 (Peer-Reviewed Journal)
- XVI. **Elektrikli Ofis Cihazlarında Güç Faktörü ve cosnini İncelenmesi**
KEKEZOĞLU B., ARIKAN O., KOCATEPE C., YUMURTACI R., BAYSAL M., BOZKURT A.
3e Electrotech, no.174, 2008 (Non Peer-Reviewed Journal)
- XVII. **Elektrikli Ofis Donanımlarının Harmonik Etkilerinin İncelenmesi**
KEKEZOĞLU B., ARIKAN O., KOCATEPE C., YUMURTACI R., BAYSAL M., BOZKURT A.
3e Electrotech, no.168, 2008 (Non Peer-Reviewed Journal)
- XVIII. **Elektrikli Ofis Cihazlarında Güç Faktörü ve Cos(fi) nin İncelenmesi**
KEKEZOĞLU B., ARIKAN O., KOCATEPE C., YUMURTACI R., BAYSAL M., BOZKURT A.
3e Electrotech, no.174, pp.110-114, 2008 (Non Peer-Reviewed Journal)
- XIX. **Investigation Of Power Definitions And Power Factor Under Non-Sinusoidal Conditions**
Kocatepe C., Köroğlu S., Arıkan O.
Sigma Mühendislik ve Fen Bilimleri Dergisi, vol.23, no.2, pp.117-126, 2005 (ESCI)

Books

- I. **Harmonic Effects of Power System Loads: An Experimental Study**
KOCATEPE C., YUMURTACI R., ARIKAN O., BAYSAL M., KEKEZOĞLU B., BOZKURT A., KUMRU C. F.
in: Power Quality Issues, Zobia A., Editor, Intech, Rijeka, pp.175-200, 2013
- II. **High Voltage Technique with Solved Problems Vol. 1**
Kalenderli Ö., Kocatepe C., Arıkan O.
Birsen Yayınevi, İstanbul, 2005
- III. **Enerji Kalitesi ve Harmonikler Kurs Notu**
KOCATEPE C., UMURKAN N., ATTAR F., YUMURTACI R., KARAKAŞ A., ARIKAN O.
Elektrik Mühendisleri Odası, İstanbul, 2005
- IV. **ELEKTRİK TESİSLERİNDE HARMONİKLER**
KOCATEPE C., UZUNOĞLU M., YUMURTACI R., Karakaş A., ARIKAN O.
Birsen Kitap Yayınevi, İstanbul, 2003

Papers Published in Refereed Scientific Meetings

- I. **Solar Power Plant Sizing according to Feed in Tariff Sales Constraints by Considering Harmonic Losses**
Yıldırım S. G., Durusu A., Arıkan O.
16th Electrical Engineering Faculty Conference - Bulef, Varna, Bulgaria, 19 - 22 September 2024, pp.1-5
- II. **FEM Based Air-Core Reactor Modelling for Series Inductor of SPRFCL**
Akn F., Arıkan O., Kucukaydin B.
9th International Conference on Engineering and Emerging Technology, ICEET 2023, İstanbul, Turkey, 27 - 28 October 2023

- III. **Mechanical effect of electrical curing for metakaolin and slag based geopolymer mortars with different molarities**
Gökçeğöz Y., Uysal M., Arıkan O., Salhi M.
4th International Conference on Advanced Engineering Technologies (ICADET), Bayburt, Turkey, 28 - 30 September 2022, pp.837-843
- IV. **Validation of The Single Train Simulation Model With a Real-World Case Study**
YILDIZ A., ARIKAN O., KESKİN K.
2022 International Conference on Electrical, Computer and Energy Technologies (ICECET), 20 July 2022
- V. **Thermal Performance Analysis Of Overhead Conductors**
Dinç M., Arıkan O., Akın F.
ISAS2022 - 5th International Symposium on Innovative Approaches in Smart Technologies, İstanbul, Turkey, 28 May 2022
- VI. **Investigation of AC and DC Breakdown Behavior on Different Solid Insulating Materials**
Akın F., Arıkan O., Uydur C. Ç.
International Conference on Electrical and Electronics Engineering, ELECO, Bursa, Turkey, 25 - 27 November 2021, pp.142-146
- VII. **The Effect of Harmonic Components on Dielectric Performance of Solid Insulating Materials**
Akın F., Arıkan O.
Elektrik Elektronik ve Biyomedikal Mühendisliği Konferansı, ELECO 2020, Bursa, Turkey, 26 - 28 November 2020, pp.1-5
- VIII. **Optimal Electricity Tariff Management in the Scope of Energy Management on University Campuses: Bogaziçi University Case Study**
Işcan S., ARIKAN O.
13th International Conference on Electrical and Electronics Engineering, ELECO 2021, Virtual, Bursa, Turkey, 25 - 27 November 2021, pp.329-333
- IX. **The Effect of Insulation Defects on Electric Field Distribution of Power Cables**
Uydur C. C., ARIKAN O., Kalenderli Ö.
2018 IEEE International Conference on High Voltage Engineering and Application, ICHVE 2018, Athens, Greece, 10 - 13 September 2018
- X. **The Effects of Overvoltage Aging on 20 kV XLPE Power Cable**
Uydur C. C., ARIKAN O., Kucukaydin B., Dursun B., KUMRU C. F.
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.353-357
- XI. **Performance Analysis of Fault Current Limiting Methods on IEEE 9-Bus System**
Kucukaydin B., ARIKAN O.
11th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2019, pp.131-135
- XII. **Increasing The Electrical Energy Efficiency In Urban Rail Systems**
YILDIZ A., ARIKAN O.
International Symposium on Electrical Railway Transportation Systems, ERUSIS 2017, 27 - 28 October 2017, pp.54-58
- XIII. **Güç Sistemlerinde Arıza Akım Sınırlamasına Yöntemlerinin İncelenmesi**
AKAY n., ARIKAN O., KARACASU Ö.
Elektrik - Elektronik ve Biyomedikal Mühendisliği Konferansı (ELECO 2016), Turkey, 1 December - 03 November 2016
- XIV. **LOADING ASSESSMENT OF LV AND MV CABLES SYSTEM LAID INTO SAME TRENCH IN DISTRIBUTION NETWORK**
Arıkan O., Küçükaydın B.
4th International Conference on Advanced Technology & Science, Rome, Italy, 25 November 2016, pp.224-227
- XV. **Reliability Analysis of a Wind/PV/Battery Hybrid System: A Case Study for YTU Davutpaşa Campus**
Durusu A., Kekezoğlu B., Erduman A., Arıkan O., İşen E., Bozkurt A.

2th South East European Conference on Sustainable Development of Energy Water and Environment Systems, Koper, Slovenia, 15 - 17 June 2016, pp.1-6

- XVI. Electrical Analysis of Corn Oil as an Alternative to Mineral Oil in Power Transformers**
TASLAK E., KOCATEPE C., ARIKAN O., KUMRU C. F.
International Conference on Power and Energy Systems Engineering, Paris, France, 27 - 28 August 2015
- XVII. An Investigation on Electric Field Distribution Around 380 kV Transmission Line for Various Pylon Models**
KUMRU C. F., KOCATEPE C., ARIKAN O.
International Conference on Power and Energy Systems Engineering, Paris, France, 27 - 28 August 2015
- XVIII. Effects of Compensation on Distribution System Technical Losses**
KEKEZOĞLU B., KOCATEPE C., ARIKAN O., Hacıaliefendioğlu Y., Uçar G.
17th International Conference on Power and Energy Systems, Paris, France, 27 August 2015, pp.2400-2405
- XIX. Current Carrying Capacity Analyses Of Power Cables**
ARIKAN O., Küçükaydın B.
19th International Symposium on High Voltage Engineering (ISH 2015), Pilsen, Czech Republic, 23 August 2015
- XX. An Investigation on Vegetable Oils as Potential Insulating Liquid**
Kocatepe C., TASLAK E., Kumru C. F., Arıkan O.
World Academy of Science, Engineering and Technology, 01 August 2015, vol.9, pp.627-630
- XXI. Electrical Analysis of Corn Oil as an Alternative to Mineral Oil in Power Transformers**
TASLAK E., Kocatepe C., Arıkan O., Kumru C. F.
World Academy of Science, Engineering and Technology, 01 August 2015, vol.9, pp.714-718
- XXII. Electrical Properties of Low Density Polyethylene/Zinc Oxide Nanocomposite Films in Narrow Frequency Range**
BERBER YAMAK H., Altan M., ARIKAN O.
5th International Advances in Applied Physics and Materials Science Congress, Muğla/Fethiye, Turkey, 16 - 19 April 2015
- XXIII. Analysis of Effects of Electric Field Strength Occurred By Energy Transmission Lines On Human Health**
KUMRU C. F., ARIKAN O., KOCATEPE C.
International Symposium on Sustainable Development, 15 - 18 May 2014
- XXIV. Reliability analysis of hybrid energy systems: Case study of davutpasa campus**
Kekezoğlu B., Arıkan O., Erduman A., Isen E., Durusu A., Bozkurt A.
IEEE EuroCon 2013, Zagreb, Croatia, 1 - 04 July 2013, pp.1141-1144
- XXV. Breakdown Voltage Analysis of Insulating Oils Under Different Conditions**
KOCATEPE C., ARIKAN O., TASLAK E., KUMRU C. F.
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- XXVI. Investigation of Effect of Temperature Variation In A High Voltage Cable On Electrical Insulation**
Kumru C. F., Arıkan O., Kocatepe C., Kalenderli Ö.
18th International Symposium on High Voltage Engineering, Seoul, South Korea, 25 - 30 August 2013, pp.1104-1109
- XXVII. Breakdown Strength Analysis of the Transformer Insulation Oil Due to Different Standards**
AKÇA H., KOCATEPE C., ARIKAN O., KUMRU C. F., AYAZ R.
18th International Symposium on High Voltage Engineering, 25 - 30 August 2013, pp.1343-1347
- XXVIII. Introduction to Hybrid System - Yildiz Technical University**
Arıkan O., İsen E., Durusu A., Kekezoğlu B., Bozkurt A., Erduman A.
IEEE Eurocon 2013, Zagreb, Croatia, 1 - 04 July 2013, pp.1145-1149
- XXIX. The Influence of Voltage and Frequency Variations on Insulation Quality of a High Voltage Cable**
KOCATEPE C., KUMRU C. F., AYAZ R., ARIKAN O., AKÇA H.
IEEE EUROCON, 1 - 04 July 2013, pp.964-968
- XXX. The Influence of Voltage and Frequency Variations on Insulation Quality of a High Voltage Cable**
KOCATEPE C., Kumru C. F., Ayaz R., Arıkan O., Akça H.

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- XXXI. **Reliability Analysis of Hybrid Energy Systems Case Study of Davutpasa Campus**
Kekezoğlu B., Arıkan O., Erduman A., İşen E., Durusu A., Bozkurt A.
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- XXXII. **Yüksek Gerilim Tesislerinde Kullanılan Yalıtkan Yağların Delinme Dayanımı Analizi**
Kocatepe C., Arıkan O., Taslak E., Kumru C. F.
5. Enerji Verimliliği ve Kalitesi Sempozyumu, Kocaeli, Turkey, 23 - 24 May 2013, pp.156-160
- XXXIII. **Yüksek Gerilim Tesislerinde Kullanılan Yalıtkan Yağların Delinme Dayanımı Analizi**
KOCATEPE C., ARIKAN O., TASLAK E., KUMRU C. F.
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- XXXIV. **Electric field measurement and analysis around a line model at different voltage levels**
Kocatepe C., ARIKAN O., KUMRU C. F., Erduman A., UMURKAN N.
2012 International Conference on High Voltage Engineering and Application, ICHVE 2012, Shanghai, China, 17 - 20 September 2012, pp.39-42
- XXXV. **Measurement of the dielectric performance of an instrument transformer at different voltage and frequencies**
Arıkan O., Kumru C. F., Kocatepe C.
2012 International Conference on High Voltage Engineering and Application, ICHVE 2012, Shanghai, China, 17 - 20 September 2012, pp.451-454
- XXXVI. **Yüksek Gerilim Kablolarının Farklı Döşeme Koşullarında Isıl Analizi**
Kocatepe C., Arıkan O., Kumru C. F., Akbulut A.
Elektrik-Elektronik ve Bilgisayar Mühendisliği Sempozyumu, Bursa, Turkey, 29 November - 01 December 2012, pp.194-198
- XXXVII. **Yüksek Gerilim Kablolarındaki İzolasyon Problemlerinin Elektrik Alan Dağılımına Etkisi**
Kocatepe C., Arıkan O., Kumru C. F., Orhan O. D.
Elektrik-Elektronik ve Bilgisayar Mühendisliği Sempozyumu, Bursa, Turkey, 29 November - 01 December 2012, pp.189-193
- XXXVIII. **Influence of Harmonics on a Grid Connected Wind Farm System Under Variable Wind Speed Conditions**
BOZKURT A., KOCATEPE C., ARIKAN O., KEKEZOĞLU B., İŞEN E.
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- XXXIX. **Modeling and Control of a Wind Turbine with a Permanent Magnet Synchronous Generator**
İŞEN E., BOZKURT A., KOCATEPE C., ARIKAN O., KEKEZOĞLU B.
International Conference on Nuclear & Renewable Energy Resources (NURER 2012), İstanbul, Turkey, 20 May 2012, pp.1-6
- XL. **The Effect of Blade Size on Wind Turbine Performance**
BOZKURT A., KOCATEPE C., KEKEZOĞLU B., ARIKAN O., İŞEN E.
International Conference on Renewable Energy Utilization (ICREU 2012), Coimbatore, India, 04 January 2012, pp.435-439
- XLI. **Analysis of harmonics influences on load switching transients in simple power system**
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