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International Researcher IDs

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Education Information

Doctorate, Yıldız Technical University, Faculty Of Electrical & Electronics, Elektrik Mühendisliği Bölümü, Turkey 2007 - 2013

Postgraduate, Yıldız Technical University, Faculty Of Electrical & Electronics, Elektrik Mühendisliği Bölümü, Turkey 2005 - 2007

Undergraduate, Yıldız Technical University, Faculty Of Electrical & Electronics, Elektrik Mühendisliği Bölümü, Turkey 2001 - 2005

Research Areas

Electrical and Electronics Engineering, Energy, Power System Analysis, Electric Power Transmission, Distribution and Protection, Renewable energy, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yıldız Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, 2022 - Continues

Assistant Professor, Yıldız Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, 2018 - 2022

Assistant Professor, Yıldız Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, 2013 - 2018

Research Assistant, Yıldız Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, 2005 - 2013

Academic and Administrative Experience

Yıldız Teknik Üniversitesi, Elektrik Mühendisliği Bölümü, 2014 - 2015

Advising Theses

- KEKEZOĞLU B., Dağıtık Üretim İçeren Bir Güç Sistemi İçin Gerilime Bağlı Yeni Bir Koruma Karakteristiğinin Geliştirilmesi, Doctorate, H.Can(Student), 2019
- KEKEZOĞLU B., Güç sistemlerinde sistem çökmesi ve yeniden toparlanma, Postgraduate, C.Ayhancı(Student), 2018
- KEKEZOĞLU B., Fotovoltaik sistemlerin fizibilitesi için yeni bir arayüzün geliştirilmesi, Postgraduate, A.Ceyda(Student), 2018
- KEKEZOĞLU B., Raylı sistemlerde enerji kalitesi problemleri, Postgraduate, P.Fidan(Student), 2018
- KEKEZOĞLU B., Rüzgar santrallerinde saha modelleme ve enerji analizi, Postgraduate, M.Kocaman(Student), 2018
- KEKEZOĞLU B., Mikrotürbinlerin güç sistemlerine etkisinin incelenmesi, Postgraduate, Ş.Çelik(Student), 2018
- KEKEZOĞLU B., KONUTSAL YÜKLERİN ZIP MODELLERİNİN ELDE EDİLMESİ, Postgraduate, M.Bircan(Student), 2017
- KEKEZOĞLU B., GÜC TRANSFORMATÖRLERİNDE K-ORTALAMA KÜMELEME YÖNTEMİ İLE BAKIM-ONARIM STRATEJİLERİNİN BELİRLENMESİ, Postgraduate, M.Şen(Student), 2017
- KEKEZOĞLU B., Güç transformatörlerinde gürültü seviyesinin analizi, Postgraduate, E.Doğan(Student), 2016
- KEKEZOĞLU B., Rüzgar Türbinlerinin Şebeke Bağlantı Kriterlerinin İncelenmesi, Postgraduate, M.Emin(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Day ahead demand response model with algorithm-based consumption classification and tariff planning
Yıldız M. Ş., Doğanşahin K., KEKEZOĞLU B.
Sustainable Energy, Grids and Networks, vol.38, 2024 (SCI-Expanded)
- II. A review of solar photovoltaic incentives and Policy: Selected countries and Turkey
Kılıç U., KEKEZOĞLU B.
Ain Shams Engineering Journal, vol.13, no.5, 2022 (SCI-Expanded)
- III. Comparison of metaheuristic optimization techniques including Equilibrium optimizer algorithm in power distribution network reconfiguration
Çıkan M., Kekezoğlu B.
ALEXANDRIA ENGINEERING JOURNAL, vol.61, no.2, pp.991-1031, 2022 (SCI-Expanded)
- IV. Assessment of photometric and electrical measurements of residential light sources
Doğanşahin K., AYAZ R., BOZKURT A., KEKEZOĞLU B.
Electrical Engineering, vol.103, pp.2075-2086, 2021 (SCI-Expanded)
- V. Mesoscale wind farm placement via linear optimization constrained by power system and techno-economics
Erduman A., Uzunoğlu B., Kekezoğlu B., Durusu A.
JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY, vol.9, no.2, pp.356-366, 2021 (SCI-Expanded)
- VI. Experimental determination of ZIP coefficients for residential appliances and ZIP model based appliance identification: The case of YTU Smart Home
Bircan M., Durusu A., Kekezoğlu B., Elma O., Selamoğulları U. S.
ELECTRIC POWER SYSTEMS RESEARCH, vol.179, 2020 (SCI-Expanded)
- VII. An improved mathematical model for the calculation of maximum permissible DG integration capacity
Doğanşahin K., Kekezoğlu B., Yumurtacı R.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.1, pp.275-285, 2020 (SCI-Expanded)
- VIII. Power system protection with digital overcurrent relays: A review of non-standard characteristics
Kilickiran H. C., ŞENGÖR İ., Akdemir H., KEKEZOĞLU B., ERDİNÇ O., PATERAKIS N. G.
ELECTRIC POWER SYSTEMS RESEARCH, vol.164, pp.89-102, 2018 (SCI-Expanded)
- IX. Energy Management of a Smart Railway Station Considering Regenerative Braking and Stochastic Behaviour of ESS and PV Generation

- ŞENGÖR İ., Kilickiran H. C., Akdemir H., KEKEZOĞLU B., ERDİNÇ O., Catalao J. P. S.
 IEEE TRANSACTIONS ON SUSTAINABLE ENERGY, vol.9, no.3, pp.1041-1050, 2018 (SCI-Expanded)
- X. A Non-Standard Characteristic Based Protection Scheme for Distribution Networks
 Kilickiran H. C., Akdemir H., ŞENGÖR İ., KEKEZOĞLU B., PATERAKIS N. G.
 ENERGIES, vol.11, no.5, 2018 (SCI-Expanded)
- XI. Maximum Permissible Integration Capacity of Renewable DG Units Based on System Loads
 Doğanşahin K., KEKEZOĞLU B., YUMURTACI R., ERDİNÇ O., Catalao J. P. S.
 ENERGIES, vol.11, no.1, 2018 (SCI-Expanded)
- XII. A New Wind Turbine Concept: Design and Implementation
 KEKEZOĞLU B., Tanrioven M., Erduman A.
 ACTA POLYTECHNICA HUNGARICA, vol.12, no.3, pp.199-211, 2015 (SCI-Expanded)
- XIII. 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)
- XIV. 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.
 PRZEGŁAD ELEKTROTECHNICZNY, vol.88, 2012 (SCI-Expanded)
- XV. Power quality assessment of grid-connected wind farms considering regulations in turkey
 Kocatepe C., Inan A., ARIKAN O., YUMURTACI 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. 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)
- II. Farklı Tip LED Sürücülerin Güç Kalitesi Performanslarının Belirlenmesi
 Türkmen E., Ayaz R., Doğanşahin K., Kekezoğlu B.
 Mühendislik Bilimleri ve Araştırmaları Dergisi, vol.2, no.1, pp.21-27, 2020 (Peer-Reviewed Journal)
- III. DETERMINATION OF MAINTENANCE STRATEGY FOR POWER TRANSFORMERS WITH K-MEANS CLUSTERING METHOD
 Yıldız M. Ş., Kekezoğlu B., İşen E.
 Mühendislik Bilimleri ve Tasarım Dergisi, vol.7, no.3, pp.505-513, 2019 (Peer-Reviewed Journal)
- IV. Wind Speed Forecasting by Using Time Series
 Turan F., Kekezoğlu B.
 International Journal of Advances in Computer and Electronics Engineering, vol.6, no.4, pp.1-6, 2019 (Peer-Reviewed Journal)
- V. İki Bileşenli Weibull Dağılımı ile Rüzgâr Hızı Olasılık Dağılımlarının Modellemesi
 Doğanşahin K., Uslu A. F., KEKEZOĞLU B.
 AVRUPA BİLİM VE TEKNOLOJİ DERGİSİ, no.15, pp.315-326, 2019 (Peer-Reviewed Journal)
- VI. Performance analysis of stand-alone hybrid (wind-photovoltaic) energy system
 Arıkan O., İşen E., Kekezoğlu B.
 PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BİLİMLERİ DERGİSİ, vol.25, no.5, pp.571-576, 2019 (ESCI)
- VII. İstanbul'da Bir Raylı Sistem Tesisi'ne Ait Harmonik Analizi ve Çözüm Önerileri
 Fidan P., AKDEMİR H., KEKEZOĞLU B., Adiyıl İ.
 European Journal of Science & Technology, no.14, pp.215-221, 2018 (Peer-Reviewed Journal)
- VIII. Küçük Güçlü Rüzgâr Santrallerinin Kurulumu ve Şebekeye Etkilerinin Teknik ve Ekonomik Açıdan

- Değerlendirilmesi: Uygulama Çalışması**
Erduman A., Durusu A., Kekezoğlu B.
European Journal Of Science And Theology, no.13, pp.112-117, 2018 (Scopus)
- IX. Küçük Güçlü Rüzgar Santrallerinin Kurulumu ve Şebekeye Etkilerinin Teknik ve Ekonomik Açıdan Değerlendirilmesi: Uygulama Çalışması**
Erduman A., Durusu A., Kekezoğlu B.
Avrupa Bilim ve Teknoloji Dergisi, no.13, pp.112-117, 2018 (Peer-Reviewed Journal)
- X. Quality Problems in Railway Transportation Systems**
Fidan P., AKDEMİR H., KEKEZOĞLU B., Adiyıl İ.
International Journal of Advances in Computer and Electronics Engineering (IJACEE), vol.3, no.7, pp.1-8, 2018 (Peer-Reviewed Journal)
- XI. An Education Kit Design for Lightning Protection Of A Wind Turbine**
KEKEZOĞLU B., KILIÇKIRAN H. C., ŞENGÖR İ., AKDEMİR H.
AFYON KOCATEPE ÜNİVERSİTESİ FEN VE MÜHENDİSLİK BİLİMLERİ DERGİSİ, vol.17, no.0, pp.1-10, 2017 (Peer-Reviewed Journal)
- XII. Determination of zip coefficients for residential loads**
Bircan M., Durusu A., Kekezoğlu B., Elma O., Selamoğulları U. S.
Pressacademia Procedia, vol.5, pp.176-180, 2017 (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 – IJAEET, vol.3, pp.121-125, 2014 (Peer-Reviewed Journal)
- XVI. Elektrikli Ofis Cihazlarında Güç Faktörü ve cosin 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(f_i) 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. Gaz Yalıtımlı Enerji İletim Hatları**
Oktay D., TRABULUS S., KEKEZOĞLU B., İNAN A.
ETMD Bizden Haberler Dergisi, pp.44-58, 2006 (Non Peer-Reviewed Journal)

Books & Book Chapters

- 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, Zobaa A., Editor, Intech, Rijeka, pp.175-200, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Havaalanlarında Yeşil Sertifikalandırma**
Alır E. R., Kekezoğlu B.
İpek Yolu Uluslararası Bilimsel Araştırmalar Kongresi , Lankaran, Azerbaijan, 8 - 09 December 2022, pp.1-13
- II. **Optimal Sizing of Rooftop Photovoltaic Systems in MicroGrid with Hydro-Based Energy Storage: A Particle Swarm Optimization Approach**
Kılıç U., Kekezoğlu B., Durusu A.
IEEE Global Energy Conference 2022 (GEC2022), Batman, Turkey, 29 October 2022, pp.42-46
- III. **Off-Grid Hybrid (Photovoltaic/Wind/Battery) Microgrid Development: An Experimental Design and Analysis**
Kaya İ. B., Kalaycı B., Karakoç B., Karaosmanoğlu E., Durusu A., Kekezoğlu B.
4th International Congress on Human Computer Interaction, Optimization and Robotic Applications, Ankara, Turkey, 10 June 2022, pp.1-5
- IV. **Yapay Sinir Ağları ile Meteorolojik Veriler Kullanılarak Güneş İşinim Tahmini: Hakkari Örneği**
Yüzer E. Ö., Bozkurt A., Kekezoğlu B.
9. Uluslararası Mühendislik Mimarlık Ve Tasarım Kongresi, 14 - 15 May 2022, pp.260-268
- V. **Cascaded Clustering Analysis of Electricity Load Profile Based on Smart Metering Data**
YILDIZ M. Ş., DOĞANŞAHİN K., KEKEZOĞLU B.
13th International Conference on Electrical and Electronics Engineering (ELECO 2021), Bursa, Turkey, 25 - 27 November 2021
- VI. **KÜMELEME DOĞRULUK İNDİSLERİ İLE ELEKTRİK YÜK VERİLERİNİN OPTİMUM KÜME ADEDİNİN BELİRLENMESİ**
YILDIZ M. Ş., KEKEZOĞLU B.
International Symposium of Scientific Research and Innovative Studies (ISSRIS'21), Balikesir, Turkey, 22 February 2021
- VII. **Feasibility Study of Wind Energy Potential in Turkey Case Study of Çatalca District in Istanbul**
WADI M. J., KEKEZOĞLU B., BAYSAL M., SHOBOLÉ A. A., TÜR M. R.
2nd International Conference on Smart Grid and Renewable Energy, DOHA, Qatar, 19 - 22 November 2019
- VIII. **Harmonic Behaviour of RGB WLED**
DOĞANŞAHİN K., AYAZ R., BOZKURT A., KEKEZOĞLU B.
54th International Universities Power Engineering Conference (UPEC 2019), Bucharest, Romania, 3 - 06 September 2019
- IX. **Power Quality Assessment of Indoor LED Luminaires**
Ayaz R., Doğanşahin K., Bozkurt A., Kekezoğlu B.
2019 Electric Power Quality and Supply Reliability Conference, Hiiu, Estonia, 12 - 15 June 2019
- X. **İstanbul Elektrik Dağıtım Şebekesinin Teknik Kayıplarının Azaltılması ile ilgili Durum Çalışması**
Sinim M. C., Hacıaliefendioğlu Y., KEKEZOĞLU B., Soykan G.
lektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı, ELECO 2018, Bursa, Turkey, 30 November 2018, pp.121-125
- XI. **Power Quality on Wind Turbine Energy Output**
Uslu A. F., Doğanşahin K., KEKEZOĞLU B.
6th International Conference on Control Engineering & Information Technology, İstanbul, Turkey, 25 October 2018, pp.1
- XII. **Economic Analysis of Energy Storage Preventing Energy Outages in Distribution Network in Turkey**
Tercan S. M., Kekezoğlu B., Gökalp E.
6th International Conference on Control Engineering Information Technology, İstanbul, Turkey, 25 - 27 October 2018
- XIII. **Economic analysis of energy storage preventing energy outages in distribution grid in Turkey**
Tercan S. M., Gökalp E., Kekezoğlu B.
6th International Conference on Control Engineering and Information Technology, CEIT 2018, İstanbul, Turkey, 25 - 27 October 2018

- XIV. **Reinforcement Learning for Optimal Protection Coordination**
KILIÇKIRAN H. C., KEKEZOĞLU B., PATERAKIS N. G.
2018 International Conference on Smart Energy Systems and Technologies (SEST), Sevilla, Spain, 10 September 2018, pp.1-6
- XV. **Site-Matching of Wind Energy Conversion System Considering Different Criteria**
Kekezoğlu B., Erduman A., Durusu A.
International Engineering and Technology Symposium(IETS'18), Batman, Turkey, 3 - 05 May 2018, pp.363-368
- XVI. **Network Reduction Methods on DG Planning Studies**
DOĞANŞAHİN K., KEKEZOĞLU B., AJDER A., YUMURTACI R.
International Conference on Engineering Technologies, Konya, Turkey, 07 December 2017, pp.501-505
- XVII. **Rüzgar Türbinlerinin Matlab GUI Ortamında Fizibilite Analizi**
Erenoğlu A. K., Sönmez B. N., Kekezoğlu B., Erdinç O.
9. Yenilenebilir Enerji Kaynakları Sempozyumu ve Sergisi, Antalya, Turkey, 3 - 05 November 2017, pp.1-4
- XVIII. **Modeling And Simulation Of Split Shaft Micro Turbine Generation Systems Based On Fuel Consumption**
ÇELİK Ş., KEKEZOĞLU B., BAYSAL M.
The 8th International Advanced Technologies Symposium (IATS 2017), Elazığ, Turkey, 19 - 21 October 2017
- XIX. **Smart railway station energy management considering regenerative braking and ESS**
ŞENGİR İ., KILIÇKIRAN H. C., AKDEMİR H., KEKEZOĞLU B., ERDİNÇ O., Catalao J. P. S.
7th IEEE PES International Conference on Innovative Smart Grid Technologies — ISGT Europe 2017, Torino, Italy, 26 September 2017, pp.1-6
- XX. **THE POTENTIAL OF REDUCING THE CARBON FOOTPRINT IN ELECTRICITY GENERATION USING A ROOF-MOUNTED PV SOLAR ENERGY SYSTEM**
AKDEMİR H., KILIÇKIRAN H. C., ŞENGİR İ., KEKEZOĞLU B.
3rd INTERNATIONAL CONFERENCE ON SCIENCE, ECOLOGY AND TECHNOLOGY (ICONSETE'2017), Roma, Italy, 14 August 2017, pp.72
- XXI. **Impacts of DG Integration on Loadability of Power Systems and A Review for Existing Approaches**
DOĞANŞAHİN K., KEKEZOĞLU B., YUMURTACI R.
International Conference on Advances and Innovations in Engineering, 10 - 12 May 2017
- XXII. **Blackout and Blackstart on Power Systems**
Ayhancı C., Yoldaş , KEKEZOĞLU B.
2nd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP, İstanbul, Turkey, 12 May 2017, pp.40
- XXIII. **Determination of ZIP Coefficients for Residential Loads**
Bircan M., Durusu A., Kekezoğlu B., Elma O., Selamoğulları U. S.
2nd WORLD CONFERENCE ON TECHNOLOGY, INNOVATION AND ENTREPRENEURSHIP, İstanbul, Turkey, 12 May 2017, vol.2, no.1, pp.1-6
- XXIV. **Impacts of DG Integration on Loadability of Power Systems: A Review for Existing Approaches**
DOĞANŞAHİN K., KEKEZOĞLU B., YUMURTACI R.
International Conference on Advances and Inovations in Engineering (ICAIE 2017), Elazığ, Turkey, 10 May 2017, pp.631-635
- XXV. **MATLAB GUI Model for PV System Feasibility of a House Electricity Consumption in Turkey**
Akpinar K. N., Bilu A. C., KEKEZOĞLU B.
3rd INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Budapeşte, Hungary, 03 May 2017, pp.68-72
- XXVI. **Optimal Overcurrent Relay Coordination Using Hybrid Genetic Algorithm and Linear Programming Method**
KILIÇKIRAN H. C., ŞENGİR İ., AKDEMİR H., KEKEZOĞLU B.
Fourth International Conference on Advances in Computing, Electronics and Communication, Roma, Italy, 15 December 2016, pp.1-5
- XXVII. **The Effect of Soiling Factor on PV Array Performance: A Case Study for Istanbul**

- Erduman A., Durusu A., Kılıçkiran H. C., Kekezoğlu B., Tanrıöven M.
 4th European Conference on Renewable Energy Systems (ECRES2016), İstanbul, Turkey, 28 - 30 August 2016,
 pp.1-6
- XXVIII. Reliability Analysis of a Wind/PV/Battery Hybrid System: A Case Study for YTU Davutpasa 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
- XXIX. Energy and Exergy Analysis of a Stand-Alone PV System: A Study for Campus Area**
 Kekezoğlu B., Durusu A., Erduman A.
 2th South East European Conference on Sustainable Development of Energy Water and Environment Systems,
 Piran, Slovenia, 15 - 18 June 2016, pp.1-7
- XXX. Power Transformer Noise, Noise Tests, and Example Test Results**
 Doğan E., KEKEZOĞLU B.
 18th International Conference on Power, Energy and Electrical Engineering, İstanbul, Turkey, 25 January 2016,
 pp.2931-2935
- XXXI. Effects of Compensation on Distribution System Technical Losses**
 KEKEZOĞLU B., KOCATEPE C., ARIKAN O., Hacialiefendioğlu Y., Uçar G.
 17th International Conference on Power and Energy Systems, Paris, France, 27 August 2015, pp.2400-2405
- XXXII. Assessment of Wind Turbine Grid Connection Requirements in Turkey**
 Hacibekiroğlu M. E., KEKEZOĞLU B.
 2th Conference on Advances in Mechanical and Automation Engineering, MAE'15, Roma, Italy, 18 April 2015,
 pp.41-44
- XXXIII. 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
- XXXIV. Introduction to hybrid systems - Yildiz Technical University**
 Arıkan O., Isen E., Durusu A., Kekezoğlu B., Bozkurt A., Erduman A.
 IEEE EuroCon 2013, Zagreb, Croatia, 1 - 04 July 2013, pp.1145-1149
- XXXV. Wind Turbine Effects on Power System Voltage Fluctuations**
 Erduman A., Kılıçkiran H. C., Kekezoğlu B., Durusu A., Tanrıöven M.
 3rd International Conference on Electric Power and Energy Conversion Systems, İstanbul, Turkey, 2 - 04 October
 2013, pp.1-5
- XXXVI. Introduction to Hybrid System - Yildiz Technical University**
 Arıkan O., İşen E., Durusu A., Kekezoğlu B., Bozkurt A., Erduman A.
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- XXXVII. Reliabilty Analysis of Hybrid Energy Systems Case Study of Davutpasa Campus**
 Kekezoğlu B., Arıkan O., Erduman A., İşen E., Durusu A., Bozkurt A.
 IEEE Eurocon 2013, Zagreb, Croatia, 1 - 04 July 2013, pp.1141-1144
- XXXVIII. 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
- XXXIX. 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.
 International Conference on Nuclear & Renewable Energy Resources (NURER 2012), İstanbul, Turkey, 20 May
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- 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.** **Yenilenebilir Enerji Kaynaklarından 500 kW a Kadar Lisanssız Enerji Üretimi ve Fizibilite Analizi**
Erduman A., Kekezoğlu B., Durusu A., Tanrıöven M.
Fırat Üniversitesi Elektrik Elektronik-Bilgisayar Sempozyumu, Elazığ, Turkey, 5 - 08 October 2011, vol.1, pp.122-126
- XLII.** **Reliability Assessment of Wind Energy System Considering Turbine Dimensions**
Kekezoğlu B., Erduman A., Durusu A., Nakir İ., Tanrıöven M.
International Conference on Sustainable Energy Technologies, İstanbul, Turkey, 4 - 07 September 2011, pp.1-6
- XLIII.** **Investigation of Harmonic Effect in Turkeys Iron Steel Industry**
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