

## Assoc. Prof. SÜLEYMAN SUNGUR TEZCAN

### Personal Information

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<https://suleymantezcan.academia.edu/>

### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAD-4274-2020

ScopusID: 5754585300

Yoksis Researcher ID: 133744

### Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2004 - 2011

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2001 - 2004

Undergraduate, Yıldız Technical University, Faculty Of Electrical & Electronics, Elektrik Mühendisliği Bölümü, Turkey 1997 - 2001

### Dissertations

Doctorate, Argon-SF6 gaz karışımlarının elektriksel boşalmalarında yapay sınır ağı uygulamaları, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2011

Postgraduate, Yüksek gerilim tekniğinde yapay sinir ağı uygulamaları, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2004

### Research Areas

Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2020 - Continues

Assistant Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2017 - 2020

Lecturer, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2011 - 2017

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2002 - 2011

### Courses

YÜKSEK GERİLİM TEKNİĞİNDE GAZ DEŞARJLARI, Postgraduate, 2017 - 2018, 2016 - 2017

GÜÇ SİSTEM ANALİZİ I, Undergraduate, 2017 - 2018, 2016 - 2017  
E.E. Mühendisliği Tasamı I, Undergraduate, 2017 - 2018, 2016 - 2017  
GÜÇ SİSTEMLERİNDE İZOLASYON KOORDİNASYONU, Postgraduate, 2017 - 2018, 2016 - 2017  
GÜÇ SİSTEM ANALİZİ II, Undergraduate, 2017 - 2018, 2016 - 2017  
E.E. Mühendisliği Tasamı II, Undergraduate, 2017 - 2018  
YÜKSEK GERİLİM TEKNİĞİ, Undergraduate, 2017 - 2018, 2016 - 2017  
E.E. Mühendisliği Tasarımı II, Undergraduate, 2016 - 2017

## Advising Theses

TEZCAN S. S., Design And Implementation Of A High Voltage Marx Generator In A Coaxial Structure, Postgraduate, H.Furkan(Student), 2019  
TEZCAN S. S., Protection Modelling And Analysis Of Energy Transmission Lines And Implementation For Ankara Region, Postgraduate, M.SAYGILI(Student), 2019  
TEZCAN S. S., Simulation And Solution Suggestion Of Illegal Usage On Interconnected System, Postgraduate, Z.Mertoğlu(Student), 2019  
TEZCAN S. S., Process Optimization Of Hydroelectric Power Plants, Postgraduate, Ş.HUNUTLU(Student), 2019  
TEZCAN S. S., Kaçak elektrik sorununun enterkonnekte sisteme etkisinin simülasyonu ve çözüm önerileri, Postgraduate, Z.MERTOĞLU(Student), 2019  
TEZCAN S. S., Electricity Distribution Network Optimization, Postgraduate, L.AKBULUT(Student), 2019  
TEZCAN S. S., Design and realisation of a high voltage marx generator with coaxial structure, Postgraduate, H.FURKAN(Student), 2019  
TEZCAN S. S., Calculation And Measurement Of Electrical Discharge Parameters In Sf6-Cf4-Ar Gas Mixture, Doctorate, H.DÜZKAYA(Student), 2019  
TEZCAN S. S., Artificial Neural Networks With Turkey Interconnected System For Day Ahead Market Transmission Lines Estimated Losses, Postgraduate, A.DURSUN(Student), 2019  
TEZCAN S. S., Analysis Of The Effect Of Distributed Energy Resources In A Distribution System, Postgraduate, U.TURNA(Student), 2019  
TEZCAN S. S., Maintenance Scheduling Optimization Of Power Plants, Postgraduate, Y.YANIK(Student), 2018  
TEZCAN S. S., Güç sistemlerinde optimal güç akışı analizi ve simülasyonu, Postgraduate, E.KARAMAN(Student), 2018  
TEZCAN S. S., Güneş enerji sistemleri ve güneş yatırımları için doğru ve güvenilir bir yol haritası oluşturulması, Postgraduate, Ö.ÖZÇELİK(Student), 2018  
TEZCAN S. S., Modeling And Verification Of Black Sea Region Network In Real-Time Simulator And Test Of A Special Protection System, Postgraduate, O.BONCUKÇU(Student), 2018  
TEZCAN S. S., Solar Energy Systems And Creating Correct And Reliable Roadmap For Solar Investments, Postgraduate, Ö.Özçelik(Student), 2018  
TEZCAN S. S., Analysis Of Conversion Of Overhead Distribution Lines Into Underground Cable Lines, Postgraduate, E.CANSU(Student), 2018  
TEZCAN S. S., Balikesir 1Samli energy transmission line implementation by the analysis of the effects of the wind power plant on the transmission system, Postgraduate, G.ATABEY(Student), 2017  
TEZCAN S. S., Determination of solar power potential in Turkey and impact of solar power plant in Karapinar on the grid, Postgraduate, Y.CAN(Student), 2017  
TEZCAN S. S., Determination Of Solar Power Potential In Turkey And Impact Of Solar Power Plant In Karapinar On The Grid, Postgraduate, Y.Can(Student), 2017  
TEZCAN S. S., The Impact On The Power System Of Wind Power Plants, Postgraduate, O.ŞAHİN(Student), 2015  
TEZCAN S. S., Rotor Angle Stability Analysis Ve Optimization Techniques, Postgraduate, Z.FARHAD(Student), 2015  
TEZCAN S. S., Islanding detection for distributed generation units using intelligent methods, Postgraduate, S.KORJANI(Student), 2014  
TEZCAN S. S., Structure Of Wind Power Plants And Network Integration, Postgraduate, Ö.AYDEMİR(Student), 2014  
TEZCAN S. S., Güç sistemin frekans kontrolü ve modellenmesi, Postgraduate, S.JAHAN(Student), 2014

TEZCAN S. S., Modeling And Frequency Control Of Power System, Postgraduate, S.Jahan(Student), 2014

TEZCAN S. S., Hidrolik santraller için PSS-E ile türkiye'de havza planlaması, Postgraduate, C.CENGİZ(Student), 2014

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Molecular Orbital Properties and Insulation Characteristics of Flaxseed Oil**  
Doganer M., DÜZKAYA H., TEZCAN S. S., Dincer S., Dincer M. S.  
Electric Power Components and Systems, vol.52, no.8, pp.1341-1351, 2024 (SCI-Expanded)
- II. **FEM-based Modeling and Optimization of Dry-Type Transformers with Metaheuristic Algorithms**  
Kul S., Tezcan S. S., Duysak H., Celtek S. A.  
Tehnicki Vjesnik, vol.29, no.5, pp.1678-1685, 2022 (SCI-Expanded)
- III. **Feed-Forward Neural Networks Training with Hybrid Taguchi Vortex Search Algorithm for Transmission Line Fault Classification**  
Çoban M., Tezcan S. S.  
MATHEMATICS, vol.10, no.18, pp.1-19, 2022 (SCI-Expanded)
- IV. **Synergism analysis in dielectric strength of CO<sub>2</sub>+N<sub>2</sub>+O<sub>2</sub> ternary mixtures**  
Dincer M. S., Tezcan S. S., Düzkaaya H., Dinçer S.  
Alexandria Engineering Journal, vol.61, pp.3747-3756, 2022 (SCI-Expanded)
- V. **Estimation of Core Losses in Three-Phase Dry-Type Transformers Using Adaptive-Network Based Fuzzy Inference Systems (ANFIS)**  
Kul S., Yıldız B., TEZCAN S. S.  
Electric Power Components and Systems, vol.50, no.16-17, pp.1006-1013, 2022 (SCI-Expanded)
- VI. **A novel hybrid global optimization algorithm having training strategy: hybrid Taguchi-vortex search algorithm**  
SAKA M., Coban M., EKE İ., TEZCAN S. S., TAPLAMACIOĞLU M. C.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.29, no.4, pp.1908-1930, 2021 (SCI-Expanded)
- VII. **Detectilfirt-ircuitfault Detection and classification of short-circuit faults onaranmsisnuncurrentsigna on a transmission line using current signal**  
Coban M., TEZCAN S. S.  
BULLETIN OF THE POLISH ACADEMY OF SCIENCES-TECHNICAL SCIENCES, vol.69, no.4, 2021 (SCI-Expanded)
- VIII. **Theoretical investigation of neutral decomposition by-products of SF<sub>6</sub> + CO(2)mixture in the existence of H<sub>2</sub>O**  
Düzkaaya H., Dincer S., Dincer M. S., Tezcan S. S.  
ELECTRICAL ENGINEERING, vol.102, no.3, pp.1451-1467, 2020 (SCI-Expanded)
- IX. **Determination of Electron Swarm Parameters and Limiting Electrical Field during Martian Dust Storm Season Using Boltzmann Analysis**  
Dincer M. S., Tezcan S. S., Duzkaya H., Dincer S.  
ACTA PHYSICA POLONICA A, vol.138, no.3, pp.368-376, 2020 (SCI-Expanded)
- X. **Electron Swarm Parameters in Methane-Nitrogen Mixtures**  
Tezcan S. S., DÜZKAYA H., Dincer S., Dincer M. S.  
ACTA PHYSICA POLONICA A, vol.135, no.3, pp.495-500, 2019 (SCI-Expanded)
- XI. **Boltzmann analysis of electron swarm parameters in CHF<sub>3</sub>+CF<sub>4</sub> mixtures**  
DÜZKAYA H., TEZCAN S. S.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.1, pp.615-622, 2019 (SCI-Expanded)
- XII. **Suppression of Electron Avalanches in Ultra-Dilute SF<sub>6</sub>-N<sub>2</sub> Mixtures Subjected to Time-Invariant Crossed Fields**  
Dincer M. S., TEZCAN S. S., DÜZKAYA H.  
ENERGIES, vol.11, no.12, 2018 (SCI-Expanded)

- XIII. **Magnetic insulation in nitrogen subjected to crossed fields**  
Dincer M. S., TEZCAN S. S., DÜZKAYA H.  
AIP ADVANCES, vol.8, no.9, 2018 (SCI-Expanded)
- XIV. **Back diffusion of electrons in argon subjected to uniform time invariant orthogonal electric and magnetic fields**  
Dincer M. S., Biricik S., Tezcan S. S., Bektas S.  
PHYSICS OF PLASMAS, vol.24, no.6, 2017 (SCI-Expanded)
- XV. **Solving economic load dispatch problem with valve-point effects using filled function**  
EKE İ., TEZCAN S. S., Celik C.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, no.2, pp.429-438, 2017 (SCI-Expanded)
- XVI. **Effective ionization coefficients, limiting electric fields, and electron energy distributions in CF<sub>3</sub>I + CF<sub>4</sub> + Ar ternary gas mixtures**  
Tezcan S. S., Dincer M. S., Bektas S.  
PHYSICS OF PLASMAS, vol.23, no.7, 2016 (SCI-Expanded)
- XVII. **Boltzmann Analysis of Electron Swarm Parameters in Binary CF<sub>4</sub> + Ar Mixtures**  
Tezcan S. S., Dincer M. S., Bektas S., Hiziroglu H. R.  
IEEE TRANSACTIONS ON DIELECTRICS AND ELECTRICAL INSULATION, vol.20, no.1, pp.98-103, 2013 (SCI-Expanded)
- XVIII. **Calculation of Electron Energy Distribution Functions From Electron Swarm Parameters Using Artificial Neural Network in SF<sub>6</sub> and Argon**  
Tezcan S. S., AKCAYOL M. A., ÖZERDEM Ö. C., Dincer M. S.  
IEEE TRANSACTIONS ON PLASMA SCIENCE, vol.38, no.9, pp.2332-2339, 2010 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Estimation of Hydroelectric Power Generation Forecasting and Analysis of Climate Factors with Deep Learning Methods: A Case Study in Yozgat Province in Turkey**  
ÇAKICI F. N., TEZCAN S. S., DÜZKAYA H.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.12, no.4, 2024 (Peer-Reviewed Journal)
- II. **Analysing the Effect of Metaheuristic Based Feature Selection Algorithms on the Classification of the Power Quality Events**  
Gümüş B., Çoban M., Tezcan S. S.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.16, no.2, pp.646-658, 2024 (Peer-Reviewed Journal)
- III. **Investigation of Three-Phase Electrical Endurance Test Results of Vacuum Circuit Breaker**  
Ceyhuni S. A., Uc H., Kılıc O., Ocak A., Düzkaaya H., Tezcan S. S.  
The European Journal of Research and Development, vol.3, no.4, pp.186-194, 2023 (Peer-Reviewed Journal)
- IV. **Output voltage estimation of a power transformer integrated with three-phase T-type inverter**  
Kul S., Balci S., TEZCAN S. S.  
Journal of Energy Systems, vol.7, no.2, pp.199-211, 2023 (Scopus)
- V. **Comparison of FEA-Based Thermal and Loss Analyses of the Dry-Type Transformer Using Different Grades of Core Material**  
Kul S., TEZCAN S. S.  
Electrica, vol.23, no.1, pp.121-128, 2023 (Scopus)
- VI. **Environmental and Physiochemical Properties of Gaseous Dielectrics Alternatives to SF<sub>6</sub>**  
DÜZKAYA H., TEZCAN S. S., ACARTÜRK A., YILMAZ M.  
El-Cezeri Fen ve Mühendislik Dergisi, vol.7, no.3, pp.1460-1470, 2020 (Scopus)
- VII. **Analysis of Electrical Distribution Network Voltage Configuration with Mixed Integer Linear Programming Algorithm and Genetic Algorithm I Terms of Energy Cost**  
Akbulut L., TEZCAN S. S., ÇOŞGUN A.

ELECTRICA, vol.20, no.2, pp.124-132, 2020 (ESCI)

- VIII. **Artificial Neural Networks with Turkey Interconnected System for Day Ahead Market Transmission Lines Estimated Losses**  
DURSUN A., EKE İ., TEZCAN S. S.  
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, pp.549-564, 2020 (Peer-Reviewed Journal)
- IX. **Kaçak Elektrik Kullanımının Enterkonnekte Sisteme Etkileri**  
Mertoğlu Z., TEZCAN S. S.  
el-cezeri journal of science and engineering, vol.6, no.3, 2019 (Peer-Reviewed Journal)
- X. **Enerji İletim Hattı Koruma Modellemesi ve Analizi ile Ankara Bölge Uygulaması**  
SAYGILI M., TEZCAN S. S.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.7, no.2, pp.303-316, 2019 (Peer-Reviewed Journal)
- XI. **DAĞITIM ŞEBEKESİ GERİLİM KONFİGÜRASYONUNUN KARIŞIK TAMSAYI LİNEER PROGRAMLAMA ALGORİTMASI İLE ENERJİ MALİYETİ YÖNÜNDEN ARAŞTIRILMASI**  
AKBULUT L., TEZCAN S. S., ÇOŞGUN A.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.7, no.2, pp.238-243, 2019 (Peer-Reviewed Journal)
- XII. **Ionization, Attachment and Positive Synergism in CF<sub>3</sub>ICF<sub>4</sub>Ar Gas Mixtures with Dilute CF<sub>3</sub>I Components**  
TEZCAN S. S., DİNÇER M. S., DÜZKAYA H.  
Gazi University Journal of Science, vol.32, no.1, pp.175-184, 2019 (Scopus)
- XIII. **Ionization, Attachment and Positive Synergism in CF<sub>3</sub>I+CF<sub>4</sub>+Ar Gas Mixtures with Dilute CF<sub>3</sub>I Components**  
TEZCAN S. S., Dincer M. S., DÜZKAYA H.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.1, pp.175-184, 2019 (ESCI)
- XIV. **SOLAR POWER PLANT IN KARAPINAR EFFECT ON SECONDARYFREQUENCY CONTROL**  
olmez y. c., elma i., TEZCAN S. S.  
International Journal on Technical and Physical Problems of Engineering (IJTPE), vol.10, no.4, pp.1-5, 2018 (Scopus)
- XV. **RENEWABLE ENERGY INTEGRATED OPTIMAL POWER FLOW WITHVORTEX SEARCH OPTIMIZATION**  
AYDIN Ö., TEZCAN S. S., EKE İ., TAPLAMACIOĞLU M. C.  
International Journal on Technical and Physical Problems of Engineering (IJTPE), vol.10, no.2, pp.1-6, 2018 (Scopus)
- XVI. **VORTEX SEARCH ALGORITHM FOR SOLVING ECONOMIC LOADDISPATCH PROBLEM INCLUDING RAMP RATE LIMITS IN POWER SYSTEMS**  
Saka M., Eke İ., Tezcan S. S., Taplamacioğlu M. C.  
International Journal on Technical and Physical Problems of Engineering (IJTPE), vol.10, no.1, pp.1-5, 2018 (Scopus)
- XVII. **MODELING AND VERIFICATION OF A REDUCED NETWORK INREAL-TIME SIMULATOR**  
boncukcu o., TEZCAN S. S., tanidir o.  
International Journal on Technical and Physical Problems of Engineering (IJTPE), vol.10, no.1, pp.16-21, 2018 (Scopus)
- XVIII. **A Robust PID Power System Stabilizer Design of Single Machine Infinite Bus System using Firefly Algorithm**  
Farhad Z., EKE İ., TEZCAN S. S., Safi S. J.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.1, pp.155-172, 2018 (ESCI)
- XIX. **Gravitational Search Algorithm (GSA) Based PID Controller Design for Two Area Multi-Source Power System Load Frequency Control (LFC)**  
Safi S. J., TEZCAN S. S., EKE İ., Farhad Z.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.31, no.1, pp.139-153, 2018 (ESCI)
- XX. **Analysis of Economic Load Dispatch with a lot of Constraints Using Vortex Search Algorithm**  
SAKA M., EKE İ., TEZCAN S. S., TAPLAMACIOĞLU M. C.

Advances in Science, Technology and Engineering Systems Journal (ASTESJ), vol.2, no.6, pp.151-156, 2017 (Peer-Reviewed Journal)

**XXI. CF4 Gaz Karışımlarında Delinme Geriliminin Ölçülmesi ve Hesaplanması**

DÜZKAYA H., TEZCAN S. S.

Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.5, no.3, pp.185-195, 2017 (Peer-Reviewed Journal)

**XXII. Rüzgâr Santrallerinin Modellenmesi ve Rüzgâr Santrallerinin İletim Sistemi Üzerindeki Etkilerinin İncelenmesi**

atabey g., TEZCAN S. S.

Gazi Üniversitesi Fen Bilimleri Dergisi Part: C Tasarım ve Teknoloji, vol.5, no.3, pp.197-212, 2017 (Peer-Reviewed Journal)

**XXIII. Reducing Voltage Fluctuations in Wind Turbines by SVC Method**

jahi a., TEZCAN S. S.

Applied Mechanics and Materials, vol.850, pp.166-171, 2016 (Peer-Reviewed Journal)

**XXIV. USING TV-ACPSO FOR ISLANDING DETECTION AND CONTROLLINGBASED MICROTURBINE NETWORK SYSTEM**

DİNÇER M. S., TEZCAN S. S., korjani s.

International Journal on Technical and Physical Problems of Engineering (IJTPE), vol.6, no.3, pp.145-152, 2014 (Scopus)

## Books & Book Chapters

**I. Analysis of partial differential equations in time dependent problems using finite difference methods and the applications on electrical engineering**

DÜZKAYA H., TEZCAN S. S., TAPLAMACIOĞLU M. C.

in: Numerical Methods for Energy Applications, N.M. Tabatabaei, N. Bizon, Editor, Springer International Publishing, pp.37-60, 2021

## Refereed Congress / Symposium Publications in Proceedings

**I. The Design and Prototype Production of a Low-Power Voltage Sensor with a Resistive Divider**

Düzkaya H., Tezcan S. S., Ocağ A., Kılıç O.

2024 8th International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 07 November 2024

**II. Performance Analysis of Machine Learning Algorithms on Power Quality Disturbances Classification**

Gumus B., Coban M., Tezcan S. S.

12th International Conference on Smart Grid, icSmartGrid 2024, Hybrid, Setubal, Portugal, 27 - 29 May 2024, pp.249-254

**III. Investigation of Mechanical Operation Test Results of Vacuum Circuit Breaker**

CEYHUNİ S. A., KILIC O., OCAK A., UC H., DÜZKAYA H., TEZCAN S. S.

International Conference: International Conference on Academic Studies in Science, Engineering, and Technology (ICASET), İstanbul, Turkey, 21 - 24 December 2023, pp.148-155

**IV. Vakumlu Devre Kesicinin Üç Fazlı Kablo ve Hat Şarj Akımı Anahtarlama Testleri Sonuçlarının İncelenmesi**

CEYHUNİ S. A., KILIC O., OCAK A., DÜZKAYA H., TEZCAN S. S.

ELECO 2022 Elektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı, Bursa, Turkey, 24 November 2022

**V. SF6 Alternatifi Sentetik Olmayan Gazların AC Delinme Gerilimi Ölçümlerinin İncelenmesi**

DÜZKAYA H., TEZCAN S. S., KAYMAK F., KAYAN V.

ELECO 2022 Elektrik-Elektronik ve Biyomedikal Mühendisliği Konferansı, Bursa, Turkey, 24 November 2022

- VI. **Comparison of Electromechanical Properties of Medium Voltage SF6 and Vacuum Circuit Breakers**  
DÜZKAYA H., TEZCAN S. S., OCAK A., OZMEN K., KILIC O., AKBUCAK V.  
2022 International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 20 October 2022
- VII. **Theoretical Analysis of the Synergism in the Dielectric Strength for SF6+Ar and SF6+CO2 Mixtures**  
DÜZKAYA H., TEZCAN S. S., DİNÇER M. S., DİNÇER S.  
2022 IEEE International Conference on Environment and Electrical Engineering and 2022 IEEE Industrial and Commercial Power Systems Europe (IEEEIC / I&CPS Europe), Prague, Czech Republic, 28 June 2022
- VIII. **Statistical Investigation of AC Dielectric Strength of Flaxseed Oil**  
DOGANER M., DİNÇER S., DİNÇER M. S., DÜZKAYA H., TEZCAN S. S.  
2022 IEEE 21st International Conference on Dielectric Liquids (ICDL), Sevilla, Spain, 29 May 2022
- IX. **Molecular Orbital Properties of C4-PFN and C5-PFK with DFT Analysis**  
DÜZKAYA H., TEZCAN S. S., DİNÇER S., DİNÇER M. S.  
2021 IEEE Electrical Power and Energy Conference (EPEC), Toronto, Canada, 22 October 2021
- X. **Design and Cost Analysis of Two Different Types of 400 kVA Distribution Transformers**  
Attar M., Tezcan S. S.  
2021 13th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Pitesti, Romania, 1 - 03 July 2021, pp.1-6
- XI. **Comparison of String and Central Inverter for 10MW PV Plant**  
Atasoy B., TEZCAN S. S.  
5h International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2021, Ankara, Turkey, 21 - 23 October 2021, pp.182-186
- XII. **DFT Analysis of neutral decomposition by-products in SF6-CO2 mixture**  
DİNÇER M. S., DİNÇER S., DÜZKAYA H., TEZCAN S. S.  
2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (IEEEIC / ICPS Europe), Madrid, Spain, 9 - 12 June 2020
- XIII. **Analysis of Impact of Electric Vehicles on Distribution Grid Using Survey Data**  
COBAN M., TEZCAN S. S.  
2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 11 - 13 October 2019
- XIV. **Analysis of Molecular Orbital Properties of SF6 with Density Functional Theory (DFT)**  
DİNÇER S., DİNÇER M. S., DÜZKAYA H., TEZCAN S. S.  
2019 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), Ankara, Turkey, 11 - 13 October 2019
- XV. **Analysis of Insulation and Environmental Properties of Decomposition Products in S6-N2 Mixtures in the Presence of H2O**  
DİNÇER S., DÜZKAYA H., TEZCAN S. S., DİNÇER M. S.  
2019 IEEE International Conference on Environment and Electrical Engineering and 2019 IEEE Industrial and Commercial Power Systems Europe (IEEEIC / ICPS Europe), Genova, Italy, Italy, 11 - 14 June 2019
- XVI. **Yüksek Güçlü Geçici Elektromanyetik Gürültü Kaynağının Tasarımı, Üretimi ve Ölçümü**  
Aydoğan H. F., TEZCAN S. S., Yücedağ O. M., Serim H. A.  
ELECO 2018, Turkey, 30 November - 01 December 2018
- XVII. **AN ANALYSIS OF EMISSION DISPATCH AT POWER SYSTEMS USING VORTEX SEARCH ALGORITHM**  
SAKA M., EKE İ., TEZCAN S. S., TAPLAMACIOĞLU M. C.  
International Science and Technology Conference (ISTEC 2018), 18 - 20 July 2018
- XVIII. **GİRDAP ARAMA ALGORİTMASI KULLANARAK BİRLEŞİK EKONOMİK YÜK-EMİSYON DAĞITIMI PROBLEMİ ÇÖZÜMÜ**  
Saka M., Eke İ., Tezcan S. S., Taplamacıoğlu M. C.  
II. International Scientific and Vocational Studies Congress (BILMES 2018), Nevşehir, Turkey, 5 - 08 July 2018
- XIX. **Analysis of Loadability Factor on Power System Stability using PSAT Program**  
DEMİRCİ M., TEZCAN S. S., EKE İ., TAPLAMACIOĞLU M. C.

7th International Conference on Advanced Technologies (ICAT 2018), Antalya, Turkey, 28 April - 01 May 2018, pp.309-313

- XX. **Optimal power flow analysis and simulation using particle swarm optimization**  
KARAMAN E., TEZCAN S. S., EKE İ., TAPLAMACIOĞLU M. C.  
International Conference on Power Electronics and Renewable Energy Systems (ICPERES 2018), 4 April - 05 May 2018
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