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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, University of Strathclyde, Electronic & Electrical Engineering, Birleşik Krallık 1991 - 1995

Yüksek Lisans, Gaziantep Üniversitesi, Mühendislik Mimarlık Fakültesi, Elektrik Elektronik Mühendisliği, Türkiye 1988 - 1991

Lisans, Orta Doğu Teknik Üniversitesi, Elektrik-Elektronik Mühendisliği Fakültesi, Türkiye 1983 - 1988

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Yüksek Lisans, Simulation of unified power flow controller by using modified power injection model, Gaziantep Üniversitesi, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği, 1991

Araştırma Alanları

Elektrik-Elektronik Mühendisliği, Enerji, Güç Elektroniği, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., Çukurova Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2006 - Devam Ediyor
Doç.Dr., Çukurova Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2000 - 2006

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. Resonance suppression of LCL filter for shunt active power filter via active damper

Buyuk M., TAN A., TÜMAY M.

INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, cilt.134, 2022 (SCI-Expanded)

II. An improved and fast balancing algorithm for electric heavy commercial vehicles

Erdogan B., Savrun M. M., Koroglu T., CUMA M. U., TÜMAY M.

JOURNAL OF ENERGY STORAGE, cilt.38, 2021 (SCI-Expanded)

- III. Performance evaluation of phase-shifting transformer for integration of renewable energy sources**
 Sakallioglu B., Esenboga B., DEMİRDELEN T., TÜMAY M.
 ELECTRICAL ENGINEERING, cilt.102, sa.4, ss.2025-2039, 2020 (SCI-Expanded)
- IV. Implementation of a Novel Hybrid UPQC Topology Endowed With an Isolated Bidirectional DC-DC Converter at DC link**
 KÖROĞLU T., TAN A., Savrun M. M., Cuma M. U., BAYINDIR K. Ç., Tumay M.
 IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS, cilt.8, sa.3, ss.2733-2746, 2020 (SCI-Expanded)
- V. Isolated H-bridge DC-DC converter integrated transformerless DVR for power quality improvement**
 Savrun M. M., Koroglu T., TAN A., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
 IET POWER ELECTRONICS, cilt.13, sa.5, ss.920-926, 2020 (SCI-Expanded)
- VI. Green touch for hydrogen production via alkaline electrolysis: The semi-flexible PV panels mounted wind turbine design, production and performance analysis**
 DEMİRDELEN T., Ekinci F., Mert B. D., Karasu I., Tumay M.
 INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.45, sa.18, ss.10680-10695, 2020 (SCI-Expanded)
- VII. Improved instantaneous power theory based current harmonic extraction for unbalanced electrical grid conditions**
 BÜYÜK M., Inci M., TAN A., TÜMAY M.
 ELECTRIC POWER SYSTEMS RESEARCH, cilt.177, 2019 (SCI-Expanded)
- VIII. Butterfly optimization algorithm based maximum power point tracking of photovoltaic systems under partial shading condition**
 Aygül K., Cikan M., Demirdelen T., Tumay M.
 ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2019 (SCI-Expanded)
- IX. Improved adaptive notch filter-based active damping method for shunt active power filter with LCL-filter**
 BÜYÜK M., TAN A., Tumay M.
 ELECTRICAL ENGINEERING, cilt.100, sa.3, ss.2037-2049, 2018 (SCI-Expanded)
- X. A review of magnetically controlled shunt reactor for power quality improvement with renewable energy applications**
 Tumay M., DEMİRDELEN T., Bal S., KAYAALP R. İ., DOĞRU B., AKSOY M.
 RENEWABLE & SUSTAINABLE ENERGY REVIEWS, cilt.77, ss.215-228, 2017 (SCI-Expanded)
- XI. Multiple harmonic elimination-based feedback controller for Shunt Hybrid Active Power Filter**
 TAN A., BAYINDIR K. Ç., Cuma M. U., Tumay M.
 IET POWER ELECTRONICS, cilt.10, sa.8, ss.945-956, 2017 (SCI-Expanded)
- XII. PERFORMANCE COMPARISON OF VOLTAGE SAG/SWELL DETECTION METHODS IMPLEMENTED IN CUSTOM POWER DEVICES**
 BÜYÜK M., Inci M., TÜMAY M.
 REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE, cilt.62, sa.2, ss.129-133, 2017 (SCI-Expanded)
- XIII. The performance improvement of dynamic voltage restorer based on bidirectional dc-dc converter**
 Inci M., BAYINDIR K. Ç., TÜMAY M.
 ELECTRICAL ENGINEERING, cilt.99, sa.1, ss.285-300, 2017 (SCI-Expanded)
- XIV. Simulation modelling and analysis of modular cascaded multilevel converter based shunt hybrid active power filter for large scale photovoltaic system interconnection**
 DEMİRDELEN T., KAYAALP R. İ., TÜMAY M.
 SIMULATION MODELLING PRACTICE AND THEORY, cilt.71, ss.27-44, 2017 (SCI-Expanded)
- XV. Improved Synchronous Reference Frame based controller method for multifunctional compensation**
 Inci M., BAYINDIR K. Ç., TÜMAY M.
 ELECTRIC POWER SYSTEMS RESEARCH, cilt.141, ss.500-509, 2016 (SCI-Expanded)
- XVI. Performance analysis of multiconverter unified power quality conditioner with an EPLL-based controller at medium voltage level**

- KOROGLU T., BAYINDIR K. Ç., TÜMAY M.
 INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, cilt.26, sa.12, ss.2774-2786, 2016 (SCI-Expanded)
- XVII. **Topologies, generalized designs, passive and active damping methods of switching ripple filters for voltage source inverter: A comprehensive review**
 BÜYÜK M., TAN A., TÜMAY M., BAYINDIR K. Ç.
 RENEWABLE & SUSTAINABLE ENERGY REVIEWS, cilt.62, ss.46-69, 2016 (SCI-Expanded)
- XVIII. **A novel method improvement for detection of voltage problems in dynamic voltage restorers**
 Inci M., BAYINDIR K. Ç., TÜMAY M.
 JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, cilt.31, sa.4, ss.997-1006, 2016 (SCI-Expanded)
- XIX. **Experimental and simulation based study of an adaptive filter controlled solid state transfer switch**
 Meral M. E., CUMA M. U., TEKE A., TÜMAY M., BAYINDIR K. Ç.
 ELECTRICAL ENGINEERING, cilt.96, sa.4, ss.385-395, 2014 (SCI-Expanded)
- XX. **Artificial neural network-based discrete-fuzzy logic controlled active power filter**
 SARIBULUT L., TEKE A., TÜMAY M.
 IET POWER ELECTRONICS, cilt.7, sa.6, ss.1536-1546, 2014 (SCI-Expanded)
- XXI. **Implementation of a Non-Linear Adaptive Filter Based Sag Detection Method for Dynamic Voltage Restorers under Unbalanced Fault Conditions**
 CUMA M. U., TEKE A., Meral M. E., BAYINDIR K. Ç., TÜMAY M.
 JOURNAL OF POWER ELECTRONICS, cilt.13, sa.2, ss.304-312, 2013 (SCI-Expanded)
- XXII. **OPEN unified power quality conditioner with control based on enhanced phase locked loop**
 TEKE A., Meral M. E., CUMA M. U., TÜMAY M., BAYINDIR K. Ç.
 IET GENERATION TRANSMISSION & DISTRIBUTION, cilt.7, sa.3, ss.254-264, 2013 (SCI-Expanded)
- XXIII. **A practical disturbance generator to test performances of various power quality mitigation devices**
 TEKE A., Meral M. E., TÜMAY M., CUMA M. U.
 TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, cilt.21, sa.1, ss.38-54, 2013 (SCI-Expanded)
- XXIV. **Computer simulation and experimental implementation of a PIC-controlled hybrid multilevel inverter for undergraduate laboratories**
 Saribulut L., TEKE A., Meral M. E., TÜMAY M.
 COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, cilt.20, sa.3, ss.445-453, 2012 (SCI-Expanded)
- XXV. **Vector-based reference location estimating for space vector modulation technique**
 Saribulut L., TEKE A., TÜMAY M.
 ELECTRIC POWER SYSTEMS RESEARCH, cilt.86, ss.51-60, 2012 (SCI-Expanded)
- XXVI. **A Novel Reference Signal Generation Method for Power-Quality Improvement of Unified Power-Quality Conditioner**
 TEKE A., SARIBULUT L., TÜMAY M.
 IEEE TRANSACTIONS ON POWER DELIVERY, cilt.26, sa.4, ss.2205-2214, 2011 (SCI-Expanded)
- XXVII. **Implementation of fuzzy logic controller using FORTRAN language in PSCAD/EMTDC**
 TEKE A., Meral M. E., SARIBULUT L., TÜMAY M.
 INTERNATIONAL JOURNAL OF ELECTRICAL ENGINEERING EDUCATION, cilt.48, sa.4, ss.372-390, 2011 (SCI-Expanded)
- XXVIII. **Experimental Architecture of a DSP Based Signal Generation for PWM Inverter**
 CUMA M. U., TEKE A., TÜMAY M., BAYINDIR K. Ç., OZGUR M. S.
 COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, cilt.19, sa.3, ss.561-571, 2011 (SCI-Expanded)
- XXIX. **Dynamic control of unified power flow controller under unbalanced network conditions**
 SARIBULUT L., TEKE A., TÜMAY M.
 SIMULATION MODELLING PRACTICE AND THEORY, cilt.19, sa.2, ss.817-836, 2011 (SCI-Expanded)
- XXX. **Robust space vector modulation technique for unbalance voltage disturbances**
 Saribulut L., TÜMAY M.

- ELECTRIC POWER SYSTEMS RESEARCH, cilt.80, sa.11, ss.1364-1374, 2010 (SCI-Expanded)
- XXXI. **Fast sag/swell detection method for fuzzy logic controlled dynamic voltage restorer**
TEKE A., BAYINDIR K. Ç., TÜMAY M.
IET GENERATION TRANSMISSION & DISTRIBUTION, cilt.4, sa.1, ss.1-12, 2010 (SCI-Expanded)
- XXXII. **Power quality improvement with an extended custom power park**
MERAL M., TEKE A., BAYINDIR K. Ç., TÜMAY M.
ELECTRIC POWER SYSTEMS RESEARCH, cilt.79, sa.11, ss.1553-1560, 2009 (SCI-Expanded)
- XXXIII. **Extraction of voltage harmonics using multi-layer perceptron neural network**
TÜMAY M., Meral M. E., BAYINDIR K. Ç.
NEURAL COMPUTING & APPLICATIONS, cilt.17, ss.585-593, 2008 (SCI-Expanded)
- XXXIV. **Hierarchical neuro-fuzzy current control for a shunt active power filter**
Cagatay Bayindir K., Ugras Cuma M., Tumay M.
NEURAL COMPUTING & APPLICATIONS, cilt.15, ss.223-238, 2006 (SCI-Expanded)
- XXXV. **A novel approach to active power filter control**
PALANDOKEN M., Tumay M., Aksøy M.
ELECTRICAL ENGINEERING, cilt.87, sa.1, ss.33-39, 2005 (SCI-Expanded)
- XXXVI. **Application of fuzzy logic controller to active power filters**
PALANDOKEN M., Aksøy M., Tumay M.
ELECTRICAL ENGINEERING, cilt.86, sa.4, ss.191-198, 2004 (SCI-Expanded)
- XXXVII. **A fuzzy-controlled single-phase active power filter operating with fixed switching frequency for reactive power and current harmonics compensation**
PALANDOKEN M., Aksøy M., Tumay M.
ELECTRICAL ENGINEERING, cilt.86, sa.1, ss.9-16, 2003 (SCI-Expanded)

Diger Dergilerde Yayınlanan Makaleler

- I. **Design and Analysis of a High-Efficiency Resonant Converter for EV Battery Charger**
ERDOĞAN B., TAN A., SAVRUN M. M., CUMA M. U., TÜMAY M.
Balkan Journal of Electrical and Computer Engineering, cilt.11, 2023 (Hakemli Dergi)
- II. **Doğrusal Yükleri Besleyen Şebeke Bağlantılı PV/Akü Sisteminin Tasarımı ve Tam/Kısmi Gölgeleme Durumlarında Performans Analizi**
AYGÜL K., DEMİRDELEN T., TÜMAY M.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, cilt.37, sa.2, ss.97-111, 2019 (Hakemli Dergi)
- III. **Widespread Artificial Neural Network (ANN) Structures for Current Harmonics Extraction**
BÜYÜK M., İNCİ M., İBRİKÇİ T., TÜMAY M.
Journal of Electrical Engineering, cilt.18, sa.3, ss.363-368, 2018 (Hakemli Dergi)
- IV. **DSP controlled voltage disturbance generator**
Savrun M. M., TAN A., KOROGLU T., Cuma M. U., Bayindir K. Ç., Tumay M.
JOURNAL OF ELECTRICAL SYSTEMS, cilt.14, sa.1, ss.174-187, 2018 (ESCI)
- V. **MULTIPURPOSE COMPENSATION SCHEME FOR VOLTAGE SAG/SWELL AND SELECTIVE HARMONICS ELIMINATION IN DISTRIBUTION SYSTEMS**
Inci M., BÜYÜK M., TAN A., Bayindir K. C., TÜMAY M.
ADVANCES IN ELECTRICAL AND ELECTRONIC ENGINEERING, cilt.16, sa.1, ss.71-80, 2018 (ESCI)
- VI. **A REVIEW OF CHARGING TECHNOLOGIES FOR COMMERCIAL ELECTRIC VEHICLES**
DERİCİOĞLU Ç., YİRİK E., ÜNAL E., CUMA M. U., ONUR B., TÜMAY M.
INTERNATIONAL JOURNAL OF ADVANCES ON AUTOMOTIVE AND TECHNOLOGY, cilt.2, ss.61-70, 2018 (Hakemli Dergi)
- VII. **1P3S HIGH FREQUENCY TRANSFORMER BASED DUAL-ACTIVE BRIDGE DC-DC CONVERTER**
SAVRUN M. M., KÖROĞLU T., TAN A., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
International Journal of Energy Applications and Technologies, cilt.4, sa.4, ss.174-181, 2017 (Hakemli Dergi)

- VIII. **DESIGN CONSIDERATIONS OF HIGH VOLTAGE BATTERY PACKS FOR ELECTRIC BUSES**
CUMA M. U., YİRİK E., DERİCİOĞLU Ç., ÜNAL E., ONUR B., TÜMAY M.
INTERNATIONAL JOURNAL OF ADVANCES ON AUTOMOTIVE AND TECHNOLOGY, cilt.1, sa.2, ss.73-79, 2017
(Hakemli Dergi)
- IX. **Simulation of Urban Electric Vehicle Transport and Charging Station Implementation at Çukurova University**
CUMA M. U., CENGİZ A. H., TÜMAY M.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, cilt.31, sa.2, ss.343-354, 2016 (Hakemli Dergi)
- X. **Modular Cascaded Multilevel Inverter Based Shunt Hybrid Active Power Filter For Selective Harmonic and Reactive Power Compensation Under Distorted Unbalanced Grid Voltage Conditions**
DEMİRDELEN T., KAYAALP R. İ., TÜMAY M.
Engineering, Technology Applied Science Research, cilt.6, sa.5, ss.1133-1138, 2016 (ESCI)
- XI. **Comparison of Different Phase-Shift Control Methods at Isolated Bidirectional DC-DC Converter**
KAYAALP R. İ., DEMİRDELEN T., KÖROĞLU T., CUMA M. U., Bayındır K. Ç., TÜMAY M.
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS, ELECTRONICS AND COMPUTERS, cilt.4, sa.3, ss.68-73, 2016 (Hakemli Dergi)
- XII. **Modeling and Analysis of a Multilevel Parallel Hybrid Active Power Filter**
DEMİRDELEN T., KAYAALP R. İ., TÜMAY M.
ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH, cilt.6, sa.3, ss.976-981, 2016 (ESCI)
- XIII. **Modelling and Analysis of Bidirectional DC-DC Converter**
KAYAALP R. İ., DEMİRDELEN T., TÜMAY M.
International Educative Research Foundation and Publisher, 2015 (Hakemli Dergi)
- XIV. **Comparison of Three, Five and Seven Levels Diode Clamped Multilevel Inverter Topologies based Shunt Hybrid Active Power Filter for Harmonics Compensation with Equal DC Link**
DEMİRDELEN T., İNCİ M., TÜMAY M.
International Journal of Applied Mathematics, Electronics and Computers (IJAMEC), cilt.4, sa.1, ss.24-30, 2015
(Hakemli Dergi)
- XV. **Fuzzy Logic Controlled DC-DC Converter Based Dynamic Voltage Restorer**
İnci M., DEMİRDELEN T., TÜMAY M.
JOURNAL OF ELECTRICAL SYSTEMS, cilt.11, sa.4, ss.367-375, 2015 (ESCI)
- XVI. **Performance Analysis of Closed Loop and Open Loop Control Methods in Dynamic Voltage Restorer**
İNCİ M., DEMİRDELEN T., TÜMAY M.
International Journal of Engineering Research, cilt.11, ss.582-585, 2015 (Hakemli Dergi)
- XVII. **Fundamentals and Literature Review of Fourier Transform in Power Quality**
SARIBULUT L., TEKE A., TÜMAY M.
Journal of Electrical and Electronics Engineering Research, cilt.5, sa.1, ss.9-22, 2013 (Hakemli Dergi)
- XVIII. **Fundamentals and Literature Review of Wavelet Transform in Power Quality Issues**
SARIBULUT L., TEKE A., BARGHI LATRAN M., TÜMAY M.
Journal of Electrical and Electronics Engineering Research, cilt.5, sa.1, ss.1-8, 2013 (Hakemli Dergi)
- XIX. **Performance Comparison of PWM Methods for 27 Level Hybrid Multilevel Inverters**
MERAL M. E., SARIBULUT L., TEKE A., TÜMAY M.
Gazi University Journal of Science, cilt.25, sa.3, ss.689-695, 2012 (Scopus)
- XX. **Unified Power Quality Conditioner A Literature Survey**
TEKE A., TÜMAY M.
JOURNAL OF ELECTRICAL SYSTEMS, cilt.7, sa.1, ss.122-130, 2011 (Scopus)
- XXI. **Power Quality Disturbances and Custom Power Devices**
TEKE A., SARIBULUT L., TÜMAY M.
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, cilt.26, sa.1, ss.57-65, 2011 (Hakemli Dergi)
- XXII. **Active Power Filter Review of Converter Topologies and Control Strategies**
TEKE A., SARIBULUT L., MERAL M. E., TÜMAY M.
Gazi University Journal of Science, cilt.24, sa.2, ss.283-289, 2011 (Scopus)

- XXIII. Güneş Paneli Sistemlerinin Tasarımı**
 KÖROĞLU T., TEKE A., Bayındır K. Ç., TÜMAY M.
 Elektrik Mühendisliği Dergisi, sa.439, ss.98-104, 2010 (Hakemli Dergi)
- XXIV. Dynamic Voltage Restorers A Literature Review**
 TEKE A., MERAL M. E., SARIBULUT L., TÜMAY M.
 Elektrika UTM Journal of Electrical Engineering, cilt.12, sa.1, ss.7-13, 2010 (Hakemli Dergi)
- XXV. Elektrik Tesislerinde Enerji Verimliliği**
 MERAL M. E., TEKE A., TÜMAY M.
 Uludağ Üniversitesi, Mühendislik-Mimarlık Fakültesi Dergisi, cilt.14, sa.1, ss.31-37, 2009 (Hakemli Dergi)
- XXVI. Türkiye nin Güney Sanayi Bölgelerindeki Güç Kalitesi Üzerine Bir Araştırma**
 TEKE A., MERAL M. E., TÜMAY M., BAYINDIR K. Ç.
 Uludağ Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, cilt.14, sa.2, 2009 (Hakemli Dergi)
- XXVII. Evaluation of Available Power Quality Disturbance Generators for Testing of Power Quality and Mitigation Devices**
 TEKE A., MERAL M. E., TÜMAY M.
 International Journal on Sciences and Techniques of Automatic Control & Computer Engineering, ss.624-635, 2008 (Hakemli Dergi)
- XXVIII. Sedimentation process in a water treatment system**
 EKER İ., TÜMAY M., Göögüs F.
 Pakistan Journal of Applied Sciences, cilt.2, sa.6, ss.694-697, 2002 (Hakemli Dergi)
- XXIX. Modelling of Power System Protection Signalling**
 EKER İ., TÜMAY M., Erçelebi E.
 Journal of Applied Sciences, cilt.4, sa.2, ss.502-517, 2002 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A New Balancing Algorithm for Parallel Connected Battery Packs Used in Electric Vehicles**
 CUMA M. U., ERDOĞAN B., Onur B., KÖROĞLU T., SAVRUN M. M., TÜMAY M.
 5th International Mediterranean Science and Engineering Congress (IMSEC 2020), Alanya, Antalya, Türkiye, 21 - 23 Ekim 2020
- II. **A Fast Simulation Model For Large Scale Battery Packs Used In Heavy Electric Vehicles**
 ERDOĞAN B., SAVRUN M. M., KÖROĞLU T., CUMA M. U., TÜMAY M.
 3rd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT'19), Ankara, Türkiye, 11 - 13 Ekim 2019
- III. **Three-Phase Distribution Transformer Modeling and Electromagnetic Transient Analysis Using ANSYS Maxwell**
 BAL S., DEMİRDELEN T., TÜMAY M.
 ISMSIT 2019, International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Türkiye, 11 - 13 Ekim 2019
- IV. **Lightning Electric Field Analysis of a Transformer Using ANSYS Maxwell**
 BAL S., DEMİRDELEN T., TÜMAY M.
 ISMSIT 2019, International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Türkiye, 11 - 13 Ekim 2019
- V. **Kısmi Gölgeleme Durumundaki Fotovoltaik Panellerin Maksimum Güç Noktası Takibi için Sistem Tasarımı ve Kontrolü**
 AYGÜL K., ESENBOĞA B., EKİNCİ F., DEMİRDELEN T., TÜMAY M.
 XVI. Otomatik Kontrol Seminer ve Sergisi, Adana, Türkiye, 24 - 25 Nisan 2019
- VI. **Üç Fazlı Yağlı Tip Transformatörün ANSYS Maxwell ile Modellemesi ve Elektromanyetik Analizi**
 BAL S., DEMİRDELEN T., TÜMAY M.
 XVI. Otomatik Kontrol Seminer ve Sergisi, Adana, Türkiye, 24 - 25 Nisan 2019

- VII. **Tek Faz Bir Transformatörün 2B Sonlu Elemanlar Analizi**
ESENBOĞA B., AYGÜL K., DEMİRDELEN T., TÜMAY M.
GÜC SİSTEMLERİ KONFERANSI, Türkiye, 15 - 16 Kasım 2018
- VIII. **Performance Comparision of PI and PIHC controllers for SAPF with LCL filter**
BÜYÜK M., TAN A., CUMA M. U., TÜMAY M.
EurasianSciEnTech 2018, 14 - 16 Kasım 2018
- IX. **A Comparative Survey of Battery Energy Storage Systems for Renewable Energy Sources**
AYGÜL K., ESENBOĞA B., KAYAALP R. İ., DEMİRDELEN T., TÜMAY M.
IMCOFE 2018, 24 - 26 Temmuz 2018
- X. **SPECIAL PURPOSE TRANSFORMERS**
BAL S., DEMİRDELEN T., TÜMAY M.
7th International Conference on Advanced Technologies, Antalya, Türkiye, 28 Nisan - 01 Mayıs 2018
- XI. **3D DRY TYPE TRANSFORMER TECHNOLOGY**
BAL S., DEMİRDELEN T., TÜMAY M.
7th International Conference on Advanced Technologies, Antalya, Türkiye, 28 Nisan - 01 Mayıs 2018
- XII. **SPECIAL PURPOSE TRANSFORMER**
BAL S., DEMİRDELEN T., TÜMAY M.
7th International Conference on Advanced Technologies, Antalya, Türkiye, 28 Nisan - 01 Mayıs 2018
- XIII. **A Study on Design Considerations of Isolated Bi-Directional Dual Active Bridge DC-DC Converter**
KÖROĞLU T., SAVRUN M. M., TAN A., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
IV. International Multidisciplinary Congress of Eurasia: Natural Sciences, Engineering and Architecture, IMCOFE'17, Roma, İtalya, 23 - 25 Ağustos 2017, cilt.3, ss.267-273
- XIV. **1P3S High Frequency Transformer Based Dual-Active Bridge DC-DC Converter**
SAVRUN M. M., KÖROĞLU T., TAN A., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
IV. International Multidisciplinary Congress of Eurasia: Natural Sciences, Engineering and Architecture, IMCOFE'17, Roma, İtalya, 23 - 25 Ağustos 2017, ss.488
- XV. **THE THREE DIMENSIONAL ELECTROMAGNETIC ANALYSIS OF POWER TRANSFORMERS BASED ON ANSYS**
DEMİRDELEN T., BAL S., TÜMAY M., CUMA M. U., CİCİBAŞ A., KÖSEOĞLU K., AKSOY M.
ICAT RIGA, 6 International Conference on Advanced Technology Sciences, Riga, Letonya, 12 - 15 Eylül 2017
- XVI. **Comparison of Harmonics at Phase-Shift Controllers of Isolated Bidirectional DC-DC Converter for DCGrid Systems**
KAYAALP R. İ., DEMİRDELEN T., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
6th International Conference on Advanced Technology Sciences, Riga, Letonya, 12 - 15 Eylül 2017
- XVII. **Smart Transformers for Integration of Renewable Energy Sources**
DEMİRDELEN T., TÜMAY M., BAL S., CUMA M. U., CİCİBAŞ A., KÖSEOĞLU A. K., AKSOY M.
7th International Symposium on Energy, Manchester, Birleşik Krallik, 13 - 17 Ağustos 2017
- XVIII. **COMPARATIVE PERFORMANCE EVALUATION OF MULTI SOGI PLL FOR MINIMUM SETTLING TIME AND LOW UNIT VECTOR DISTORTION UNDER DISTORTED CONDITIONS**
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