

Asst. Prof. ADNAN TAN

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International Researcher IDs

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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Ana Bilim Dalı, Turkey 2011 - 2015

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Ana Bilim Dalı, Turkey 2008 - 2011

Undergraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, DESIGN AND IMPLEMENTATION OF A SHUNT HYBRID ACTIVE POWER FILTER, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Ana Bilim Dalı, 2015

Postgraduate, MODELING AND ANALYSIS OF POWER QUALITY COMPENSATION SYSTEMS FOR CURRENT SOURCE INVERTER BASED INDUCTION FURNACE , Cukurova University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Ana Bilim Dalı, 2011

Research Areas

Electrical and Electronics Engineering, Energy, Power System Analysis, Electric Power Transmission, Distribution and Protection, Renewable energy, Power Electronics, Power Apparatus (transformers,reactors,switchgear,etc.), Power Converters, Power Quality, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Cukurova University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Cukurova University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2016 - 2018

Research Assistant, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Bölümü, 2008 - 2015

Courses

Power System Analysis II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Elektrik Elektronik Bilgisi, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Mitigation of power oscillations for energy harvesting capability improvement of grid-connected renewable energy systems**
Celik O., Buyuk M., TAN A.
ELECTRIC POWER SYSTEMS RESEARCH, vol.213, 2022 (SCI-Expanded)
- II. **Implementation of Voltage Sag Relative Location and Fault Type Identification Algorithm Using Real-Time Distribution System Data**
YALMAN Y., Uyanik T., TAN A., BAYINDIR K. Ç., Terriche Y., Su C., Guerrero J. M.
MATHEMATICS, vol.10, no.19, 2022 (SCI-Expanded)
- III. **Prediction of Voltage Sag Relative Location with Data-Driven Algorithms in Distribution Grid**
YALMAN Y., Uyanik T., Atli I., TAN A., BAYINDIR K. Ç., KARAL Ö., Golestan S., Guerrero J. M.
ENERGIES, vol.15, no.18, 2022 (SCI-Expanded)
- IV. **Grid code requirements - A case study on the assessment for integration of offshore wind power plants in Turkey**
Celik O., YALMAN Y., TAN A., BAYINDIR K. Ç., Cetinkaya U., Akdeniz M., Chaudhary S. K., Hoyer M., Guerrero J. M.
SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS, vol.52, 2022 (SCI-Expanded)
- V. **A novel gene expression programming-based MPPT technique for PV micro-inverter applications under fast-changing atmospheric conditions**
celik O., Zor K., TAN A., TEKE A.
SOLAR ENERGY, vol.239, pp.268-282, 2022 (SCI-Expanded)
- VI. **Resonance suppression of LCL filter for shunt active power filter via active damper**
Buyuk M., TAN A., TŪMAY M.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.134, 2022 (SCI-Expanded)
- VII. **Impacts of Large-Scale Offshore Wind Power Plants Integration on Turkish Power System**
YALMAN Y., Celik O., TAN A., BAYINDIR K. Ç., Cetinkaya U., Yesil M., Akdeniz M., Tinajero G. D. A., Chaudhary S. K., Guerrero J. M., et al.
IEEE ACCESS, vol.10, pp.83265-83280, 2022 (SCI-Expanded)
- VIII. **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, vol.8, no.3, pp.2733-2746, 2020 (SCI-Expanded)
- IX. **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., TŪMAY M.
IET POWER ELECTRONICS, vol.13, no.5, pp.920-926, 2020 (SCI-Expanded)
- X. **Improvement of energy harvesting capability in grid-connected photovoltaic micro-inverters**
Celik O., Tan A., Inci M., Teke A.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2020 (SCI-Expanded)
- XI. **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, vol.177, 2019 (SCI-Expanded)

- XII. **Improved adaptive notch filter-based active damping method for shunt active power filter with LCL-filter**
BÜYÜK M., TAN A., Tumay M.
ELECTRICAL ENGINEERING, vol.100, no.3, pp.2037-2049, 2018 (SCI-Expanded)
- XIII. **Overview of micro-inverters as a challenging technology in photovoltaic applications**
ÇELİK O., TEKE A., TAN A.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.82, pp.3191-3206, 2018 (SCI-Expanded)
- XIV. **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, vol.10, no.8, pp.945-956, 2017 (SCI-Expanded)
- XV. **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, vol.62, pp.46-69, 2016 (SCI-Expanded)
- XVI. **Modeling and analysis of power quality problems caused by coreless induction melting furnace connected to distribution network**
TAN A., BAYINDIR K. Ç.
ELECTRICAL ENGINEERING, vol.96, no.3, pp.239-253, 2014 (SCI-Expanded)

Articles Published in Other Journals

- 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, vol.11, 2023 (Peer-Reviewed Journal)
- II. **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, vol.16, no.1, pp.71-80, 2018 (ESCI)
- III. **DSP controlled voltage disturbance generator**
Savrun M. M., TAN A., KOROĞLU T., Cuma M. U., Bayindir K. Ç., Tumay M.
JOURNAL OF ELECTRICAL SYSTEMS, vol.14, no.1, pp.174-187, 2018 (ESCI)
- IV. **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, vol.4, no.4, pp.174-181, 2017 (Peer-Reviewed Journal)
- V. **A Comparison Study of Sinusoidal PWM and Space Vector PWM Techniques for Voltage Source Inverter**
TÜRKSOY Ö., YILMAZ Ü., TAN A., TEKE A.
Natural and Engineering Sciences, vol.2, no.2, pp.73-84, 2017 (Peer-Reviewed Journal)
- VI. **An Effective Power Quality Compensation System for Power Quality Problems of Current Source Coreless Induction Furnace**
TAN A., BAYINDIR K. Ç.
International Review on Modelling and Simulations (IREMOS), vol.2, no.4, pp.1312-1324, 2011 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Performance Comparison of PI and PIHC controllers for SAPF with LCL filter**
BÜYÜK M., TAN A., CUMA M. U., TÜMAY M.
EurasianSciEnTech 2018, 14 - 16 November 2018
- II. **Optimal Design and Analysis of Single-Stage Flyback Pv Microinverter**
ÇELİK Ö., TAN A., ZOR K., TEKE A.
The European Conference on Sustainability, Energy the Environment, ECSEE2018, Brighton, United Kingdom, 6 - 07 July 2018
- III. **Investigation of Closed-Loop Controlled Isolated DC-DC Converters with High Frequency Transformers**
YILMAZ Ü., TÜRKSOY Ö., TAN A., TEKE A.
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.945-952
- IV. **A Comprehensive Assessment of Solar Array Simulators**
TÜRKSOY Ö., YILMAZ Ü., TAN A., TEKE A.
International Advanced Researches Engineering Congress-2017, Osmaniye, Turkey, 16 - 18 November 2017, pp.1020-1026
- V. **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, Italy, 23 - 25 August 2017, vol.3, pp.267-273
- VI. **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, Italy, 23 - 25 August 2017, pp.488
- VII. **Comparative Investigation of Single-Stage and Multi-Stage Grid- Tie Micro-Inverters**
ÇELİK Ö., TAN A., ZOR K., TİMUR O., YILDIRIM H. B., TEKE A.
12th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES 2017), Dubrovnik, Croatia, 4 - 08 October 2017, pp.1-6
- VIII. **Comparative Investigation of Single-Stage and Multi-Stage Grid-Tie Micro-Inverters.**
Çelik Ö., Tan A., Zor K., Timur O., Yıldırım H. B., Teke A.
Digital Proceedings of the 12th Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES2017), Dubrovnik, Croatia, 04 October 2017, vol.7, pp.1-6
- IX. **A Notch Filter based Active Damping of LLCL Filter in Shunt Active Power Filter**
BÜYÜK M., TAN A., İNCİ M., TÜMAY M.
19th International Symposium on Power Electronics (Ee), Novi-Sad, Serbia And Montenegro, 19 - 21 October 2017
- X. **Survey of Inverter Topologies Implemented in Dynamic Voltage Restorers**
İnci M., BÜYÜK M., TAN A., BAYINDIR K. Ç., TÜMAY M.
4th International Conference on Control, Decision and Information Technologies (CoDIT), Barcelona, Spain, 5 - 07 April 2017, pp.1141-1146
- XI. **MVT Controlled Voltage Restorer for Fault-Ride Through Capability**
İnci M., BÜYÜK M., TAN A., BAYINDIR K. Ç., TUMAY M.
10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.380-385
- XII. **Capacitor Current Feedback Active Damping for Shunt Active Power Filter with Output LLCL Filter**
BÜYÜK M., İnci M., TAN A., TUMAY M.
10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.376-379
- XIII. **Comparative Investigation of the Perturb Observe and Incremental Conductance MPPT Methods for Photovoltaic Applications**
ÇELİK Ö., TEKE A., TAN A.
SOLAR CONFERENCE & EXHIBITION (SOLAR TR2016), İstanbul, Turkey, 6 - 08 December 2016, pp.37-44

- XIV. **The Performance Improvement of DVR Based Grid Connected Wind Energy Systems for Sustainable Energy**
BÜYÜK M., İNCİ M., TAN A., TÜMAY M.
International Conference on Sustainable Development, 19 - 23 October 2016
- XV. **An Overview of Active Damping Methods for Grid Connected Inverters**
BÜYÜK M., İNCİ M., TAN A., TÜMAY M.
International Energy and Engineering Conference, 13 - 14 October 2016
- XVI. **Interline hybrid unified power quality conditioner**
SAVRUN M. M., KÖROĞLU T., TAN A., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
18th European Conference on Power Electronics and Applications, EPE 2016 ECCE Europe, Karlsruhe, Germany, 5 - 09 September 2016
- XVII. **Interline Hybrid Unified Power Quality Conditioner**
SAVRUN M. M., KÖROĞLU T., TAN A., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
18th European Conference on Power Electronics and Applications (EPE 2016), Karlsruhe, Germany, 5 - 09 September 2016
- XVIII. **Interline Hybrid Unified Power Quality Conditioner**
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18th European Conference on Power Electronics and Applications (EPE 2016), Karlsruhe, Germany, 5 - 09 September 2016
- XIX. **Design and Implementation of Full Bridge Bidirectional Isolated DC-DC Converter for High Power Applications**
KÖROĞLU T., SAVRUN M. M., TAN A., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
18th European Conference on Power Electronics and Applications (EPE), Germany, 5 - 09 September 2016
- XX. **Analysis and Comparison of Passive Damping Methods for Shunt Active Power Filter with Output LCL Filter**
BÜYÜK M., TAN A., BAYINDIR K. Ç., TÜMAY M.
2015 International Aegean Conference on Electrical Machines and Power Electronics and 2015 Electromotion Joint Conference - ACEMP 2015, Antalya, Turkey, 2 - 04 September 2015, pp.434-440
- XXI. **Analysis and Comparison of Passive Damping Methods for Shunt Active Power Filter with Output LCL Filter**
BÜYÜK M., TAN A., BAYINDIR K. Ç., TÜMAY M.
IEEE International Conference ACEMP_OPTIM-ELECTROMOTION 2015 Side Turkey, Antalya, Turkey, 2 - 04 September 2015, pp.434-440
- XXII. **Performance Evaluation of a New Hybrid Unified Power Quality Conditioner (HUPQC)**
KÖROĞLU T., CUMA M. U., TAN A., İNCİ M., DEMİRDELEN T., BAYINDIR K. Ç., TÜMAY M.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems - PEDG 2015, Aachen, Germany, 22 - 25 June 2015, pp.111-116
- XXIII. **Performance Evaluation of a New Hybrid Unified Power Quality Conditioner (HUPQC)**
KÖROĞLU T., CUMA M. U., TAN A., İNCİ M., DEMİRDELEN T., BAYINDIR K. Ç., TÜMAY M.
The 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG?2015), Aachen, Germany, 22 - 25 June 2015, pp.1-6
- XXIV. **Performance Evaluation of a New Hybrid Unified Power Quality Conditioner (HUPQC)**
KÖROĞLU T., CUMA M. U., TAN A., İNCİ M., DEMİRDELEN T., BAYINDIR K. Ç., TÜMAY M.
The 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG?2015), Aachen, Germany, 22 - 25 June 2015, pp.1-6
- XXV. **Performance Investigation of Shunt Hybrid Active Power Filter with A Synchronous Reference Frame Based Controller**
TAN A., KÖROĞLU T., DEMİRDELEN T., İNCİ M., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems, 2015, Aachen, Germany, 22 - 25 June 2015, pp.391-398
- XXVI. **Performance Investigation of Shunt Hybrid Active Power Filter with a Synchronous Reference Frame**

Based Controller

TAN A., KÖROĞLU T., DEMİRDELEN T., İNCİ M., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.

The 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG?2015), Aachen, Germany, 22 - 25 June 2015, pp.1-8

- XXVII. **Performance Investigation of Shunt Hybrid Active Power Filter with a Synchronous Reference Frame Based Controller**
TAN A., KÖROĞLU T., DEMİRDELEN T., İNCİ M., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
The 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG?2015), Aachen, Germany, 22 - 25 June 2015, pp.1-8
- XXVIII. **Performance Investigation of Shunt Hybrid Active Power Filter with A Synchronous Reference Frame Based Controller**
TAN A., KÖROĞLU T., DEMİRDELEN T., İNCİ M., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems, 2015, Aachen, Germany, 22 - 25 June 2015, pp.391-398
- XXIX. **Performance Investigation of Shunt Hybrid Active Power Filter with A Synchronous Reference Frame Based Controller**
TAN A., KÖROĞLU T., DEMİRDELEN T., İNCİ M., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems, 2015, Aachen, Germany, 22 - 25 June 2015, pp.391-398
- XXX. **A Novel Low Cost Sag/Swell Generator**
İNCİ M., DEMİRDELEN T., TAN A., KÖROĞLU T., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems - PEDG 2015, Aachen, Germany, 22 - 25 June 2015, pp.239-242
- XXXI. **A Novel Low Cost Sag/Swell Generator**
İNCİ M., DEMİRDELEN T., TAN A., KÖROĞLU T., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
The 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG?2015), Aachen, Germany, 22 - 25 June 2015, pp.1-4
- XXXII. **A Novel Low Cost Sag/Swell Generator**
İNCİ M., DEMİRDELEN T., TAN A., KÖROĞLU T., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
The 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG?2015), Aachen, Germany, 22 - 25 June 2015, pp.1-4
- XXXIII. **Performance Evaluation of a New Hybrid Unified Power Quality Conditioner (HUPQC)**
KÖROĞLU T., CUMA M. U., TAN A., İnci M., DEMİRDELEN T., BAYINDIR K. Ç., TÜMAY M.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG), Aachen, Germany, 22 - 25 June 2015, pp.111-116
- XXXIV. **ANALYSIS AND COMPARISON OF PASSIVE DAMPING METHODS FOR SHUNT ACTIVE POWER FILTER WITH OUTPUT LCL FILTER**
BÜYÜK M., TAN A., BAYINDIR K. Ç., TÜMAY M.
Int Aegean Conference on Electrical Machines and Power Electronics (ACEMP) / Int Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Int Symposium on Advanced Electromechanical Motion Systems (ELECTROMOTION), Side, Turkey, 2 - 04 September 2015, pp.434-440
- XXXV. **A Novel Low Cost Sag/Swell Generator**
İnci M., DEMİRDELEN T., TAN A., KÖROĞLU T., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG), Aachen, Germany, 22 - 25 June 2015, pp.239-242
- XXXVI. **PERFORMANCE INVESTIGATION OF SHUNT HYBRID ACTIVE POWER FILTER WITH A SYNCHRONOUS REFERENCE FRAME BASED CONTROLLER**
TAN A., KÖROĞLU T., DEMİRDELEN T., İnci M., CUMA M. U., BAYINDIR K. Ç., TÜMAY M.
IEEE 6th International Symposium on Power Electronics for Distributed Generation Systems (PEDG), Aachen, Germany, 22 - 25 June 2015, pp.391-398
- XXXVII. **Analysis of Power Quality Problems of Coreless Induction Melting Furnace with Exact Simulation**

Model Based on Field Measurements

TAN A., DEMİRDELEN T., BAYINDIR K. Ç., TÜMAY M.

4th International Conference on Power Engineering, Energy and Electrical Drives, Adana, Turkey, 13 - 17 May 2013, pp.283-289

- XXXVIII. **Şebekeye Bağlı Sistemler için Üç Faz ve Tek Faz PLL'lerin Performans Değerlendirmesi**
DEMİRDELEN T., TAN A., İNCİ M., KÖROĞLU T., Büyük M., Terciyanlı A., Bayındır K. Ç., TÜMAY M.
5. Enerji Verimliliği Ve Kalitesi Sempozyumu 2013, Kocaeli, Turkey, 23 - 24 May 2013, pp.5-9
- XXXIX. **Şebekeye Bağlı Sistemler İçin Üç Faz ve Tek Faz PLL'lerin Performans Değerlendirmesi**
DEMİRDELEN T., TAN A., İNCİ M., KÖROĞLU T., BÜYÜK M., TERCİYANLI A., BAYINDIR K. Ç., TÜMAY M.
5. Enerji Verimliliği ve Kalitesi Sempozyumu - EVK 2013, Kocaeli, Turkey, 23 - 24 May 2013, pp.5-9
- XL. **Şebekeye Bağlı Sistemler İçin Üç Faz ve Tek Faz PLL'lerin Performans Değerlendirmesi**
DEMİRDELEN T., TAN A., İNCİ M., KÖROĞLU T., BÜYÜK M., TERCİYANLI A., BAYINDIR K. Ç., TÜMAY M.
5. Enerji Verimliliği ve Kalitesi Sempozyumu - EVK 2013, Kocaeli, Turkey, 23 - 24 May 2013, pp.5-9
- XLI. **Analysis of Power Quality Problems of Coreless Induction Melting Furnace with Exact Simulation Model Based on Field Measurements**
TAN A., DEMİRDELEN T., BAYINDIR K. Ç., TÜMAY M.
IEEE 4th International Conference on Power Engineering, Energy and Electrical Drives - POWERENG 2013, İstanbul, Turkey, 13 - 17 May 2013, pp.283-289
- XLII. **Analysis of Power Quality Problems of Coreless Induction Melting Furnace with Exact Simulation Model Based on Field Measurements**
TAN A., DEMİRDELEN T., BAYINDIR K. Ç., TÜMAY M.
IEEE 4th International Conference on Power Engineering, Energy and Electrical Drives - POWERENG 2013, İstanbul, Turkey, 13 - 17 May 2013, pp.283-289
- XLIII. **Özel Güç Cihazlarının Çoklu Fiderli Sistemlerdeki Uygulamalarının İncelenmesi**
KÖROĞLU T., TAN A., BAYINDIR K. Ç.
4. Enerji Verimliliği ve Kalitesi Sempozyumu - EVK 2011, Kocaeli, Turkey, 12 - 13 May 2011, pp.188-192
- XLIV. **RF Haberleşme Tabanlı Su Deposu Otomasyon Sistemi**
TEKE A., ÖZBARUT A., TAN A., TÜMAY M.
IV. İletişim Teknolojileri Ulusal Sempozyumu, İTÜSEM 2009, Adana, Turkey, 15 - 16 October 2009, pp.119-124
- XLV. **İnternet Tabanlı Elektrik Enerjisi ve Güç Kalitesi İzleme Sistemi**
TAN A., ŞENSES M. O., MERAL M. E., TEKE A., BAYINDIR K. Ç., TÜMAY M.
3. Enerji Verimliliği ve Kalitesi Sempozyumu, EVK 2009, Kocaeli, Turkey, 21 - 22 May 2009, pp.286-290

Supported Projects

İNCİ M., BÜYÜK M., TAN A., Project Supported by Higher Education Institutions, Gerilim Çukuru ve Tepesi Tespit Yöntemlerinin Uygulamalı Performans Analizi, 2017 - 2018

TÜMAY M., TAN A., BÜYÜK M., İNCİ M., Project Supported by Higher Education Institutions, LLCL Çıkış Filtreli Şönt Aktif Güç Filtreleri için Aktif Sönümlenme Yöntemlerinin İncelenmesi ve Uygulaması, 2017 - 2018

TAN A., İNCİ M., BÜYÜK M., TÜMAY M., Project Supported by Higher Education Institutions, Survey of Inverter Topologies Implemented in Dynamic Voltage Restorers, 2017 - 2017

Scientific Refereeing

Turkish Journal of Electrical Engineering & Computer Sciences, SCI Journal, January 2016

Metrics

Publication: 67

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Citation (Scopus): 136

H-Index (WoS): 6

H-Index (Scopus): 6