Prof. ÖZGÜL SALOR DURNA

Personal Information

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International Researcher IDs
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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Elektrik-Elektronik Mühendisliği (Dr), Turkey 1999 - 2005
Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Elektrik Ve Elektronik Mühendisliği (Yl) (Tezli), Turkey 1997 - 1999
Undergraduate, Middle East Technical University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1993 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Voice transformation and development of related speech analysis tools for Turkish, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Elektrik-Elektronik Mühendisliği (Dr), 2005
Postgraduate, Signal processing aspect of test to speech synthezier in Turkish, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Elektrik Ve Elektronik Mühendisliği (Yl) (Tezli), 1999

Academic Titles / Tasks

Professor, Kırgızistan-Türkiye Manas Üniversitesi, Faculty of Engineering, Department of Industrial Engineering , 2019 - Continues
Professor, Kırgızistan-Türkiye Manas Üniversitesi, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2019 - Continues
Professor, Gazi University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği, 2017 - Continues
Associate Professor, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2011 - 2017
Research Assistant, Middle East Technical University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 1998 - 2005

Academic and Administrative Experience

Head of Department, Kırgızistan-Türkiye Manas Üniversitesi, Faculty of Engineering, Department of Industrial

Engineering, 2019 - Continues
Head of Department, Kırgızistan-Türkiye Manas Üniversitesi, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2019 - Continues
Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2012 - 2013

Advising Theses

SALOR DURNA Ö., Development Of New Frequency And Tıme-Frequency Analysıs Approaches On Power System Sıgnals And Theır Implementatıon On Hardware-In-The-Loop Framework, Doctorate, E.SEZGİN(Student), 2020
SALOR DURNA Ö., A NEW POWER SYSTEM HARMONICS AND INTERHARMONICS ESTIMATION METHOD BASED ON OPTIMIZATION ALGORITHMS AND A GENERAL PERFORMANCE CRITERIA PROPOSAL FOR AMPLITUDE ESTIMATION ALGORITHMS, Doctorate, Ç.ALTINTAŞI(Student), 2020
SALOR DURNA Ö., Synchrophasor Measurement Method Based On Quadrature Amplıtude Modulatıon, Postgraduate, A.GÖKOĞLU(Student), 2020
SALOR DURNA Ö., Statıstıcal Modelıng Of Electrıc Arc Furnace Currents For Harmonıc Estımatıon From Power System Sıgnal Samples Usıng Deep Learnıng Framework, Doctorate, N.SEVEROĞLU(Student), 2020
SALOR DURNA Ö., Harmonıc Analysıs Of Power Sıgnals Vıa Amplıtude Modulatıon, Postgraduate, A.ESRA(Student), 2019
SALOR DURNA Ö., Development Of Effıcıent Algorıthms For Flıcker, Harmonıcs And Interharmonıcs Estımatıons And Power Qualıty Event Classıfıcatıon Specıally Desıgned For Hıghly Tıme-Varyıng Loads Of Power Systems, Doctorate, E.Balouji(Student), 2019
SALOR DURNA Ö., Development of efficient algorithms for flicker, harmonics and interharmonics estimations and power quality event classification specially designed for highly time-varying loads of power systems, Doctorate, E.BALOUJI(Student), 2019
SALOR DURNA Ö., Deep Learnıng Based Detectıon And Classıfıcatıon Of Unmanned Aerıal Vehıcles, Postgraduate, O.DEMİR(Student), 2019
SALOR DURNA Ö., Musıc /Sıngıng Voıce Separatıon, Postgraduate, S.MELİH(Student), 2018
SALOR DURNA Ö., Enhancement Of The Methods Sensıtıve To Low & Hıgh - Frequency Interharmonıcs And Robust To Fundamental Frequency Devıatıons For The Calculatıon Of The Lıght Flıcker, Doctorate, S.AKKAYA(Student), 2018
SALOR DURNA Ö., Sentetik açıklıklı radar görüntülerinde otomatik hedef tanıma, Postgraduate, M.ESAT(Student), 2016
SALOR DURNA Ö., Automatıc target recognıtıon ın synthetıc aperture radar Images, Postgraduate, M.Esat(Student), 2016
SALOR DURNA Ö., Development of fast and robust spectral decomposition method for nonlinear industrial loads with current frequency spectrum rich in harmonic and interharmonic content, Doctorate, E.UZ(Student), 2016
SALOR DURNA Ö., Güç sistemlerinde modülasyon ve Kalman süzgeci tekniklerini kullanarak araharmonik analizi, Postgraduate, M.DUMAN(Student), 2015
SALOR DURNA Ö., Speaker Dependent Isolated Word Recognıtıon System Desıgned For Smart Home Applıances, Postgraduate, A.ÇİÇEK(Student), 2015
SALOR DURNA Ö., Speaker Dependent Isolated Word Recognition Using Pattern Recognition Techniques, Postgraduate, B.KESKİN(Student), 2015
SALOR DURNA Ö., Real-Time Recognition System Of Letter-Based Turkish Sign Language, Postgraduate, İ.DEMİRLER(Student), 2015
SALOR DURNA Ö., Harmonics And Interharmonics Analysis Of Power Signals Using Synthetic Resampling, Postgraduate, E.GÜNLÜ(Student), 2015
SALOR DURNA Ö., Dıgıtal Desıgn And Implementatıon Of The Iec Flıckermeter, Postgraduate, A.TOPÇU(Student), 2015
SALOR DURNA Ö., Investigation Of Harmonic Current Contributions At The Point Of Common Coupling Based On Power System State Estimation, Postgraduate, E.SEZGİN(Student), 2015
SALOR DURNA Ö., Interharmonıc analysıs ın power systems usıng modulatıon and Kalman fılterıng technıques, Postgraduate, M.Duman(Student), 2015
SALOR DURNA Ö., Ayrışık sözcük tabanlı türkçe konuşmacı tanıma sistemi geliştirme ve anahtar kelime seçiminin konuşmacı tanıma başarımına etkisinin incelenmesi, Postgraduate, Z.ŞENTÜRK(Student), 2015
SALOR DURNA Ö., Developing An Isolated Word Based Turkish Speaker Recognit,on System And Investigation Of The

Keyword Choice On The Speaker Recognition Performance, Postgraduate, Z.ŞENTÜRK(Student), 2015
SALOR DURNA Ö., Design and development of a simple power quality monitor for low voltage distribution system, Postgraduate, Ö.YAZLIK(Student), 2014
SALOR DURNA Ö., Automatıc Clusterıng Of Power Qualıty Events Usıng Pattern Recognıtıon Technıques For Smart Grıd Applıcatıons, Postgraduate, E.BALOUJİ(Student), 2014
SALOR DURNA Ö., Opti-acoustic stereo imaging, Postgraduate, H.SAÇ(Student), 2012
SALOR DURNA Ö., Flicker source identification at a point of common coupling of the power system, Postgraduate, E.ALTINTAŞ(Student), 2010
SALOR DURNA Ö., Light flicker evaluation of electric arc furnaces based on novel signal processing algorithms, Postgraduate, N.KÖSE(Student), 2009
SALOR DURNA Ö., A new field-data based EAF (electric arc furnace) model applied to power quality studies, Postgraduate, M.GÖL(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Waveform Correlation Based Harmonic Voltage Contribution Determination of Iron and Steel Plants Supplied From PCC**
Çalişkan M., Salor Durna Ö., Çiydem M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.59, no.4, pp.5178-5189, 2023 (SCI-Expanded)

II. **Transient event classification using pmu data with deep learning techniques and synthetically supported training-set**
Gök G., Salor Ö., TAPLAMACIOĞLU M. C.
IET Generation, Transmission and Distribution, vol.17, no.6, pp.1287-1297, 2023 (SCI-Expanded)

III. **Fast harmonic analysis for PHIL experiments with decentralized real-time controllers**
Sezgin E., Mohapatra A., Hamacher T., Salor T., Peric V. S.
ELECTRIC POWER SYSTEMS RESEARCH, vol.211, 2022 (SCI-Expanded)

IV. **Deep Learning Based Predictive Compensation of Flicker, Voltage Dips, Harmonics and Interharmonics in Electric Arc Furnaces**
Balouji E., SALOR DURNA Ö., McKelvey T.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.58, no.3, pp.4214-4224, 2022 (SCI-Expanded)

V. **Flicker Detection Algorithm Based on the Whole Voltage Frequency Spectrum for New Generation Lamps–Enhanced VPD Flickermeter Model and Flicker Curve**
Akkaya S., Salor Ö.
Electric Power Components and Systems, vol.49, no.6-7, pp.637-651, 2022 (SCI-Expanded)

VI. **Harmonic Contribution Detection of Iron and Steel Plants Based on Correlation of Time-Synchronized Current and Voltage Signals**
Çalişkan M., Salor Ö., Çiydem M.
IEEE Transactions on Industry Applications, vol.58, no.6, pp.8033-8044, 2022 (SCI-Expanded)

VII. **Statistical Models of EAF Harmonics Developed for Harmonic Estimation Directly From Waveform Samples Using Deep Learning Framework**
Severoglu N., SALOR DURNA Ö.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.57, no.6, pp.6730-6740, 2021 (SCI-Expanded)

VIII. **Performance limits for the amplitude estimation of power system harmonics & interharmonics**
Altintasi C., ORGUNER U., SALOR DURNA Ö.
IET GENERATION TRANSMISSION & DISTRIBUTION, vol.14, no.19, pp.4108-4121, 2020 (SCI-Expanded)

IX. **Amplitude and phase estimations of power system harmonics using deep learning framework**
Severoglu N., SALOR DURNA Ö.
IET GENERATION TRANSMISSION & DISTRIBUTION, vol.14, no.19, pp.4089-4096, 2020 (SCI-Expanded)

X. **Deep-Learning-Based Harmonics and Interharmonics Predetection Designed for Compensating Significantly Time-Varying EAF Currents**

Balouji E., Backstrom K., McKelvey T., SALOR DURNA Ö.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.56, no.3, pp.3250-3260, 2020 (SCI-Expanded)

XI. **Power system harmonic and interharmonic estimation using Vortex Search Algorithm**
ALTINTAŞI Ç., AYDIN Ö., TAPLAMACIOĞLU M. C., SALOR DURNA Ö.
ELECTRIC POWER SYSTEMS RESEARCH, vol.182, 2020 (SCI-Expanded)

XII. **Real-Time Detection of Interharmonics and Harmonics of AC Electric Arc Furnaces on GPU Framework**
Uz-Logoglu E., SALOR DURNA Ö., ERMİŞ M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.55, no.6, pp.6613-6623, 2019 (SCI-Expanded)

XIII. **New flickermeter sensitive to high-frequency interharmonics and robust to fundamental frequency deviations of the power system**
Akkaya S., SALOR DURNA Ö.
IET SCIENCE MEASUREMENT & TECHNOLOGY, vol.13, no.6, pp.783-793, 2019 (SCI-Expanded)

XIV. **Analysis of Power System Harmonic Subgroups of the Electric Arc Furnace Currents Based on a Hybrid Time-Frequency Analysis Method**
Sezgin E., SALOR DURNA Ö.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.55, no.4, pp.4398-4406, 2019 (SCI-Expanded)

XV. **Enhanced spectral decomposition method for light flicker evaluation of incandescent lamps caused by electric arc furnaces**
Akkaya S., SALOR DURNA Ö.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.34, no.2, pp.988-1005, 2019 (SCI-Expanded)

XVI. **Exponential Smoothing of Multiple Reference Frame Components With GPUs for Real-Time Detection of Time-Varying Harmonics and Interharmonics of EAF Currents**
Balouji E., SALOR DURNA Ö., ERMİŞ M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.54, no.6, pp.6566-6575, 2018 (SCI-Expanded)

XVII. **A New Flicker Detection Method for New Generation Lamps Both Robust to Fundamental Frequency Deviation and Based on the Whole Voltage Frequency Spectrum**
Akkaya S., SALOR DURNA Ö.
ELECTRONICS, vol.7, no.6, 2018 (SCI-Expanded)

XVIII. **Suppression of the Second Harmonic Subgroup Injected by an AC EAF: Design Considerations and Performance Estimation of a Shunt APF**
Durna E., Gercek C. O., SALOR DURNA Ö., ERMİŞ M.
ELECTRONICS, vol.7, no.4, 2018 (SCI-Expanded)

XIX. **Determination of harmonic current contributions based on robust state estimation**
Sezgin E., GÖL M., SALOR DURNA Ö.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.26, no.1, pp.307-318, 2018 (SCI-Expanded)

XX. **Harmonics and Interharmonics Analysis of Electrical Arc Furnaces Based on Spectral Model Optimization With High-Resolution Windowing**
Vatankulu Y. E., Senturk Z., SALOR DURNA Ö.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.53, no.3, pp.2587-2595, 2017 (SCI-Expanded)

XXI. **Correlation Between Multiple Electric Arc Furnace Operations and Unscheduled Power Flows in the Interconnection Lines at the Eastern Cross Border of ENTSO-E**
Altintas E., SALOR DURNA Ö., Buyukdagli U., ÇADIRCI I., ERMİŞ M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.52, no.4, pp.3508-3517, 2016 (SCI-Expanded)

XXII. **State-Estimation-Based Determination of Harmonic Current Contributions of Iron and Steel Plants Supplied from PCC**
Sezgin E., GÖL M., SALOR DURNA Ö.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.52, no.3, pp.2654-2663, 2016 (SCI-Expanded)

XXIII. **Digital realisation of the IEC flickermeter using root mean square of the voltage waveform**

Balouji E., SALOR DURNA Ö.
IET GENERATION TRANSMISSION & DISTRIBUTION, vol.10, no.7, pp.1663-1670, 2016 (SCI-Expanded)

XXIV. **Online Characterization of Interharmonics and Harmonics of AC Electric Arc Furnaces by Multiple Synchronous Reference Frame Analysis**
Uz-Logoglu E., SALOR DURNA Ö., ERMİŞ M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.52, no.3, pp.2673-2683, 2016 (SCI-Expanded)

XXV. **Data Mining Framework for Power Quality Event Characterization of Iron and Steel Plants**
Guder M., SALOR DURNA Ö., ÇADIRCI I., Ozkan B., Altintas E.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.51, no.4, pp.3521-3531, 2015 (SCI-Expanded)

XXVI. **Identification of Harmonic Current Contributions of Iron and Steel Plants Based on Time-Synchronized Field Measurements-Part II: Inside Plants**
Unsar O., SALOR DURNA Ö., ÇADIRCI I., ERMİŞ M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.50, no.6, pp.4348-4355, 2014 (SCI-Expanded)

XXVII. **Identification of Harmonic Current Contributions of Iron and Steel Plants Based on Time-Synchronized Field Measurements-Part I: At PCC**
Unsar O., SALOR DURNA Ö., ÇADIRCI I., ERMİŞ M.
IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, vol.50, no.6, pp.4336-4347, 2014 (SCI-Expanded)

XXVIII. **Multipurpose Platform for Power System Monitoring and Analysis With Sample Grid Applications**
Atalik T., ÇADIRCI I., Demirci T., ERMİŞ M., Inan T., Kalaycioglu A. S., SALOR DURNA Ö.
IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, vol.63, no.3, pp.566-582, 2014 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **CONVOLUTIONAL NEURAL NETWORK BASED DETECTION AND CLASSIFICATION OF DRONES USING GRAMIAN ANGULAR FIELD TRANSFORMATION**
Demir O., SALOR DURNA Ö.
International Conference on Technology and Science, Bursa, Turkey, 14 - 16 November 2019

II. **Deep Learning Based Harmonics and Interharmonics Pre-Detection Designed for Compensating Significantly Time-varying EAF Currents**
Balouji E., Backstrom K., McKelvey T., SALOR DURNA Ö.
54th Annual Meeting of the IEEE-Industry-Applications-Society (IEEE IAS), Maryland, United States Of America, 28 September - 03 October 2019

III. **Turkiye Elektrik Sistemi: Teknolojik bir bakis**
SALOR DURNA Ö., ÇADIRCI I., ERMİŞ M.
CIGRE 2018, Ankara, Turkey, 15 - 16 November 2018

IV. **CİGRE**
ERMİŞ M., ÇADIRCI I., SALOR DURNA Ö.
CİGRE 2018 ANKARA, Turkey, 15 November 2018

V. **Analysis of Power System Harmonic Subgroups of the Electric Arc Furnace Currents Based on a Hybrid Time-Frequency Analysis Method**
SEZGİN E., SALOR DURNA Ö.
2018 IEEE Industry Applications Society Annual Meeting (IAS), Portland, OR, USA, 23 - 27 September 2018

VI. **Music/Singing Voice Separation Based on Repeating Pattern Extraction Technique and Robust Principal Component Analysis**
Dogan S. M., SALOR DURNA Ö.
5th International Conference on Electrical and Electronics Engineering (ICEEE), İstanbul, Turkey, 3 - 05 May 2018, pp.482-487

VII. **Harmonic Analysis in Power Systems using Convolutional Neural Networks**
Severoglu N., SALOR DURNA Ö.

26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

VIII. **Synchrophasor Measurement Method Based on Quadrature Amplitude Modulation**
Gokoglu A., SALOR DURNA Ö.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

IX. **PATTERN RECOGNITION AND IMAGE ANALYSIS on POWER QUALITY EVENT CLUSTERING CLASSIFICATION**
SALOR DURNA Ö.
3rd International Conference onPattern Recognition Image Analysis, 19 - 20 April 2017

X. **Real-Time Detection of Interharmonics and Harmonics of AC Electric Arc Furnaces on GPU Framework**
Uz-Logoglu E., SALOR DURNA Ö., ERMİŞ M.
IEEE-Industry-Applications-Society Annual Meeting, Ohio, United States Of America, 1 - 05 October 2017

XI. **Power System Harmonics and Interharmonics Analysis Using Synchronous Reference Frames and Frequency Adaptive Moving Average Windows**
Balouji E., SALOR DURNA Ö.
8th International Conference on ENERGY and ENVIRONMENT (CIEM), Bucharest, Romania, 19 - 20 October 2017, pp.21-25

XII. **Exponential Smoothing of Multiple Reference Frame Components with GPUs for Real-Time Detection of Time-Varying Harmonics and Interharmonics of EAF Currents**
Balouji E., SALOR DURNA Ö., ERMİŞ M.
IEEE-Industry-Applications-Society Annual Meeting, Ohio, United States Of America, 1 - 05 October 2017

XIII. **Classification of Power Quality Events Using Deep Learning on Event Images**
Balouji E., SALOR DURNA Ö.
3rd International Conference on Pattern Analysis and Image Analysis (IPRIA), Shahr-e Kord, Iran, 19 - 20 April 2017, pp.216-221

XIV. **Variable PI Controlled DC-DC Converter Adaptive to Voltage Input with Flicker**
Altintasi C., SALOR DURNA Ö.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

XV. **Realization of IEC Flickermeter for Different Types of Lamps**
Turkuzan M., SALOR DURNA Ö.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1653-1656

XVI. **Classification of Targets in SAR Images Using SVM and k-NN Techniques**
Demirhan M. E., SALOR DURNA Ö.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1581-1584

XVII. **Estimation of Power System Harmonics Based on Spectral Model Optimisation**
Vatankulu Y. E., Senturk Z., SALOR DURNA Ö.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1769-1772

XVIII. **Digital Design and Implementation of the IEC Flickermeter**
TOPÇU A., SALOR DURNA Ö.
III.Energy Technologies Conference, 21 - 22 December 2015

XIX. **Effect of Plosives on Isolated Work Recognition SystemPerformance**
Şentürk Z., SALOR DURNA Ö.
9th International Conference on Electrical and Electronics Engineering(ELECO 2015), 26 - 28 November 2015

XX. **A Turkish Word Recognition System Isolated and SpeakerDependent Developed for Smart Home Appliances**
Çiçek A., SALOR DURNA Ö.
International Scientific Conference2015 (UNITECH'15), 20 - 21 November 2015

XXI. **Real Time Recognition System of Letter Based Turkish SignLanguage**

Demirler İ., SALOR DURNA Ö.
International Conference on Advanced Technology and Sciences, 12 - 15 August 2015

XXII. **Light Flicker Evaluation Using Root Mean Square Voltage Waveforms**
Balouji E., SALOR DURNA Ö.
56th Annual International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), Riga, Latvia, 14 October 2015

XXIII. **Determination of Harmonic Current Contributions of Plants Supplied from PCC Based on State Estimation**
Sezgin E., GÖL M., SALOR DURNA Ö.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2062-2065

XXIV. **Assessment of RMS Computation in Terms of Power Quality Event Detection**
Balouji E., SALOR DURNA Ö.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2396-2399

XXV. **Effect of Plosives on Isolated Speaker Recognition System Performance**
Senturk Z., SALOR DURNA Ö.
9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.1263-1265

XXVI. **Online Characterization of Interharmonics and Harmonics of AC Electric Arc Furnaces by Multiple Synchronous Reference Frame Analysis**
Uz-Logoglu E., SALOR DURNA Ö., ERMİŞ M.
51st Annual Meeting of the IEEE-Industry-Applications-Society (IAS), Texas, United States Of America, 11 - 22 October 2015

XXVII. **State Estimation Based Determination of Harmonic Current Contributions of Iron and Steel Plants Supplied from PCC**
Sezgin E., GÖL M., SALOR DURNA Ö.
51st Annual Meeting of the IEEE-Industry-Applications-Society (IAS), Texas, United States Of America, 11 - 22 October 2015

XXVIII. **VOICED-UNVOICED CLASSIFICATION OF SPEECH USING AUTOCORRELATION MATRIX**
Senturk Z., Yetgin O. E., SALOR DURNA Ö.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1802-1805

XXIX. **HARMONICS AND INTERHARMONICS ANALYSIS OF POWER SIGNALS USING SYNTHETIC RESAMPLING**
Gunlu E., SALOR DURNA Ö.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.750-753

XXX. **Eigen-Analysis Based Power Quality Event Data Clustering and Classification**
Balouji E., SALOR DURNA Ö.
5th IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT Europe), İstanbul, Turkey, 12 - 15 October 2014

XXXI. **Power Quality Analysis of Medium Frequency Induction Melting Furnaces Using Sinusoidal Coding**
Yilmaz I., SALOR DURNA Ö., ÇADIRCI I., ERMİŞ M.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

XXXII. **Implementation and Evaluation of a Text-to-Speech Synthesis System for Turkish**
SALOR DURNA Ö., Pellom B., Demirekler M.
EUROSPEECH 2003, 1 - 04 September 2003

Memberships / Tasks in Scientific Organizations

IEEE Industry Applications Society Metal Industry Committee , Vice President, 2020 - Continues, United States Of America

Metrics

Publication: 60
Citation (WoS): 730
Citation (Scopus): 730
H-Index (WoS): 17
H-Index (Scopus): 17

Non Academic Experience

TÜBİTAK Uzay Teknolojileri Araştırma Enstitüsü
HAVELSAN A. Ş.
Center for Spoken Language Research, University of Colorado at Boulder, ABD
ASELSAN A. Ş.