

Prof. YAŞAR BİRBİR

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Biography

Yaşar BİRBİR was born in Edirne in 1956. After graduating from Izmit Technical High School Electricity Department in 1975, he started his undergraduate education in Gazi University Technical Education Faculty Electricity Education Department and graduated in 1979. In 1980-1981, he worked for two years Rize Industrial Vocational High School Electricity Department as Technical Teacher . In 1982-1983, he worked as a lecturer at Trakya University Edirne Technical Sciences Vocational School Electricity Department for two years. In 1984, he completed his graduate education program in Marmara University, Institute of Science, Electric-Electronics Education. In 1990, he studied in Indiana and Purdue Universities in the USA for nine months within the scope of YÖK-World Bank Project "Technical Teacher Training Program". He was a visiting researcher at Drexel University in USA for fifteen months between 1992-1993. He worked as a lecturer in the Department of Electrical Education between 1988-1998. In 1999, he completed his doctorate education in Marmara University, Institute of Science, Department of Electrical Education and was appointed as Assistant Professor in the same year. Until 2010, he continued to teach as Assistant Professor at the Department of Electrical Education at the Faculty of Technical Education. He received the Associate Professor Certificate from ÜAK in April 2010, and was appointed to the position of Associate Professor at the Faculty of Technology, Department of Electrical and Electronics Engineering in May 2011. After completing the Engineering Completion Law for Technical Teachers, he received the Engineering authority. He was appointed to the position of Professor in the same department in May 2016. He still continues to work as the head of the Department of Electrical Machines.

Education Information

Undergraduate, Marmara University, Faculty of Technology, Elektrik Ve Elektronik Mühendisliği Bölümü, Turkey 2015 - 2016

Undergraduate, Gabrovo Teknik Üniversitesi, Elektrik Mühendisliği, Bulgaria 2010 - 2014

Doctorate, Marmara University, Faculty of Technical Education, Electric Education, Turkey 1994 - 1999

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Turkey 1982 - 1984

Undergraduate, Gazi University, Teknik Eğitim Fakültesi, Turkey 1975 - 1979

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Doğru akım ark fırınlarının simülasyonu ve çalışma şartlarının iyileştirilmesi, Marmara Üniversitesi, Faculty of Technical Education, Electric Education, 1999

Postgraduate, Statik Kompansatörlerle Güçkatsayısının Düzeltilmesi, Marmara Üniversitesi, Institute for Graduate Studies in Pure and Applied Sciences, 1984

Research Areas

Electrical Machine Theory and Design, Electric Motor Drivers, Power Apparatus (transformers,reactors,switchgear,etc.), Power Converters, Power Quality

Academic Titles / Tasks

Professor, Marmara University, Faculty of Technology, Elektrik Ve Elektronik Mühendisliği Bölümü, 2016 - Continues
Associate Professor, Marmara University, Faculty of Technology, Elektrik Ve Elektronik Mühendisliği Bölümü, 2010 - 2016

Assistant Professor, Marmara University, Faculty of Technical Education, Electric Education, 1999 - 2010

Academic and Administrative Experience

Marmara University, Faculty of Technical Education, Electric Education, 1999 - 2011

Advising Theses

Birbir M., Birbir Y., Islatma sıvılarındaki bakterilerin direk ve alternatif elektrik akımları ve sodyum dimetil-ditiyokarbamet ile inaktivasyonu, Postgraduate, E.KILINÇ(Student), 2017

BİRBİR Y., Web destekli bir eğitim modelinin tasarımı ve uygulamasının değerlendirilmesi, Doctorate, V.KANBUROĞLU(Student), 2015

Birbir M., Birbir Y., Tuzların içindeki aşırı halofil arkelerin alternatif elektrik akımı ile inaktivasyonu, Postgraduate, S.ANIK(Student), 2014

BİRBİR Y., Üç fazlı gerilim kaynaklı tam köprü paralel rezonans invertörlü indüksiyon ısıtma sistemi, Postgraduate, G.YALÇIN(Student), 2014

BİRBİR Y., İşletmelerde toplam ekipman etkinliği (OEE) kullanımı ile elektrik enerji tasarrufu, Postgraduate, İ.POLAT(Student), 2014

Birbir M., Birbir Y., Doğru ve alternatif elektrik akımının ardışıl olarak gram pozitif ve gram negatif bakterilere uygulanmasının etkilerinin araştırılması, Postgraduate, N.DÖLEK(Student), 2013

Birbir M., Birbir Y., Deri salamura sıvıları ve ön ısılatma işlemlerindeki bakterileri kontrol etmek için doğru ve alternatif elektrik akımı ve antibakteriyel kullanımının sinerjik etkileri, Postgraduate, E.VURAL(Student), 2013

BİRBİR Y., Servo sistemlerin deneysel olarak incelenmesi, Postgraduate, A.SERHAT(Student), 2013

Birbir M., Birbir Y., Tuzlanmış derilerden izole edilen gram negatif bakterilere karşı alternatif elektrik akımının etkisinin incelenmesi, Postgraduate, S.MOLLA(Student), 2012

BİRBİR Y., Endüstriyel otomasyon laboratuvarındaki ana kontrolün SCADA sistemi ile gerçekleştirilmesi, Postgraduate, S.BEHLÜL(Student), 2010

BİRBİR Y., Endüstriyel kontrol laboratuvarına ait SCADA sisteminin kontrol programının gerçekleştirilmesi, Postgraduate,

Ş.AKKAYA(Student), 2010

BİRBİR M., BİRBİR Y., Escherichia Coli'nin Alternatif Elektrik Akımı İle İnaktivasyonu, Postgraduate, H.Hacıoğlu(Student), 2008

Birbir M., Birbir Y., Escherichia coli'nin alternatif elektrik akımı ile inaktivasyonu, Postgraduate, H.HACIOĞLU(Student), 2008

BİRBİR Y., AC servo yapıları ve kontrol yöntemlerinin incelenmesi, Postgraduate, M.ALKAN(Student), 2008

BİRBİR Y., Üç fazlı kafesli asenkron motorlarda toplam harmonik distorsiyonunun yapay sinir ağı yöntemi kullanılarak saptanması, Doctorate, H.SELÇUK(Student), 2008

BİRBİR Y., DC raylı ulaşım sistemlerinde kaçak akımların analizi ve önleme yöntemleri, Postgraduate, İ.SÖNMEZ(Student), 2007

BİRBİR Y., Bir fazlı sinüsoidal PWM köprü interver uygulaması, Postgraduate, K.Yurtbaşı(Student), 2007

BİRBİR Y., Bir fazlı sinüsoidal pwm köprü inverter uygulaması, Postgraduate, K.YURTBAŞI(Student), 2007

BİRBİR Y., Yüksek frekans ve yüksek gerilim çıkışlı DC/DC dönüştürücü, Postgraduate, S.ELVER(Student), 2006

Birbir M., Birbir Y., Deri ıslatma sıvılarındaki bakterilerin doğru elektrik akımı ile inaktivasyonu, Postgraduate, G.ÜĞÜR(Student), 2006

Birbir M., Birbir Y., Derilerin korunmasında kullanılan tuzların içindeki aşırı halofilik bakteriler üzerine doğru elektrik akımının etkileri, Postgraduate, D.DEĞİRMENCİ(Student), 2006

BİRBİR Y., Akıllı bina sistemlerinin optimum çalıştırılarak enerji tasarrufu elde edilmesi, Postgraduate, A.KURT(Student), 2005

BİRBİR Y., PIC mikrodenetleyici ile üniversal motorda optimal hız uygulaması, Postgraduate, M.YILMAZ(Student), 2004

BİRBİR Y., Güç elektroniği sistemlerinde yarı iletken anahtarlama elemanlarının statik ve dinamik karakteristiklerinin deneysel olarak belirlenmesi, Postgraduate, E.YAVUZ(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Non-isolated high step-up DC/DC converters - An overview**
KOÇ Y., BİRBİR Y., BODUR H.
ALEXANDRIA ENGINEERING JOURNAL, vol.61, no.2, pp.1091-1132, 2022 (SCI-Expanded)
- II. **The Destructive Effects of Extremely Halophilic Archaeal Strains on Sheepskins, and Proposals for Remedial Curing Processes Use of sterile brine or direct electric current to prevent red heat damage on salted sheepskins**
Birbir M., Çağlayan P., Birbir Y.
JOHNSON MATTHEY TECHNOLOGY REVIEW, vol.64, no.4, pp.489-503, 2020 (SCI-Expanded)
- III. **Elimination of Antibiotic Resistant Enterobacteriaceae via Combined Application of Direct Electric Current, Alternating Electric Current and 2-Thiocyanomethylthio benzothiazole**
Birbir M., Yazici E., Çağlayan P., Birbir Y., Goebel R. A.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, vol.103, pp.85-90, 2019 (SCI-Expanded)
- IV. **Investigation of Moderately Halophilic Bacteria Causing Deterioration of The Salted Sheep and Goat Skins and Their Extermination via Electric Current Applications**
Çağlayan P., Birbir M., Sanchez Porro C., Ventosa A., Birbir Y.
Journal Of The American Leather Chemists Association, vol.113, pp.41-52, 2018 (SCI-Expanded)
- V. **Investigation of Moderately Halophilic Bacteria Causing Deterioration of the Salted Sheep and Goat Skins and Their Extermination via Electric Current Applications**
Caglayan P., Birbir M., Sanchez-Porro C., Ventosa A., Birbir Y.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, vol.113, no.2, pp.41-52, 2018 (SCI-Expanded)
- VI. **Investigation of Moderately Halophilic Bacteria Causing Deterioration of The Salted Sheep and Goat Skins and Their Extermination via Electric Current**
ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A., BİRBİR Y.
Journal Of The American Leather Chemists Association, 2018 (SCI-Expanded)

- VII. **The Effects of Alternating and Direct Electric Currents on Moderately Halophilic Bacteria in Leather Industry**
Çağlayan P., Birbir M., Ogan A., Ventosa A., Sinchez-Porro C., Birbir Y.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, vol.100, pp.307-313, 2016 (SCI-Expanded)
- VIII. **Annihilation of Extremely Halophilic Archaea in Hide Preservation Salt Using Alternating Electric Current**
Birbir Y., Anik S., Birbir M., Çağlayan P.
Johnson Matthey Technology Review, vol.59, pp.109-119, 2015 (SCI-Expanded)
- IX. **Extermination of bacteria in hide-brine curing liquors using combined alternating and direct electric current applications plus bronopol**
Birbir Y., Dolek N., Birbir M., Çağlayan P.
ROMANIAN BIOTECHNOLOGICAL LETTERS, vol.20, pp.10123-10133, 2015 (SCI-Expanded)
- X. **Treatment Using Both. Direct and Alternating Electric Currents on Hide Bacteria in Brine Curing and Pre-Soaking Liquors**
BİRBİR Y., Dolek N., BİRBİR M.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, vol.98, no.2, pp.47-55, 2014 (SCI-Expanded)
- XI. **SYNERGISTIC EFFECT OF DIRECT AND ALTERNATING ELECTRIC CURRENT TREATMENTS AND BRONOPOL TO INACTIVATE BACTERIA FOUND IN HIDE SOAK LIQUORS**
Birbir Y., Dolek N., Birbir M., Çağlayan P.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, vol.108, pp.373-385, 2013 (SCI-Expanded)
- XII. **Effect of a combined treatment using both direct and alternating electric currents on hide bacteria in hide-soak liquor**
BİRBİR Y., Dolek N., BİRBİR M.
JOURNAL OF ELECTROSTATICS, vol.71, no.5, pp.898-904, 2013 (SCI-Expanded)
- XIII. **Applying Electric Current to Inactivate Gram-Negative Bacteria Isolated from Salt-Packed-Cured Hides**
BİRBİR Y., Molla S., BİRBİR M.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, vol.97, no.1, pp.5-10, 2013 (SCI-Expanded)
- XIV. **CYTOTOXIC EFFECTS OF AN ELECTROMAGNETIC FIELD ON THE MERISTEMATIC ROOT CELLS OF LENTILS (*Lens clunaris* Medik.)**
Eren P., VARDAR F., BİRBİR Y., İNAN D., Uenal M.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, no.3, pp.481-488, 2010 (SCI-Expanded)
- XV. **Inactivation of *Escherichia coli* by alternative electric current in rivers discharged into sea**
BİRBİR M., Hacıoglu H., BİRBİR Y., Altug G.
JOURNAL OF ELECTROSTATICS, vol.67, no.4, pp.640-645, 2009 (SCI-Expanded)
- XVI. **Stator And Rotor Currents Analyses Of the Inverted Rotor Induction Motor**
TEMİZ İ., BİRBİR Y., AKÜNER M. C.
ISTANBUL UNIVERSITY-JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING, vol.1, pp.929-934, 2009 (SCI-Expanded)
- XVII. **Inactivation of bacterial population in hide-soak liquors via direct electric current**
BİRBİR Y., Ugur G., BİRBİR M.
JOURNAL OF ELECTROSTATICS, vol.66, pp.355-360, 2008 (SCI-Expanded)
- XVIII. **Direct electric current utilization in destruction of extremely halophilic bacteria in salt that is used in brine curing of hides**
BİRBİR Y., Degirmenci D., BİRBİR M.
JOURNAL OF ELECTROSTATICS, vol.66, pp.388-394, 2008 (SCI-Expanded)
- XIX. **Extracellular protease activities of extremely halophilic archaea and their control via direct electric current**

Birbir M., Ozdogru Z. B., Birbir Y., Ogan A.

JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, vol.92, no.2, pp.53-58, 2008 (SCI-Expanded)

- XX. **Stator and Rotor Voltages Analysis and Magnetic Flux Distribution of the Inverted Rotor Induction Motor**

TEMİZ İ., AKÜNER M. C., BİRBİR Y.

. INTERNATIONAL JOURNAL of ENERGY and ENVIRONMENT,, vol.1, pp.188-194, 2007 (SCI-Expanded)

- XXI. **Inactivation of extremely halophilic hide-damaging bacteria via low-level direct electric current**

Birbir Y., Birbir M.

JOURNAL OF ELECTROSTATICS, vol.64, no.12, pp.791-795, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Design and Analysis of Induction Heating System with Parallel Resonance Inverter**

Yalcin G., BİRBİR Y., ÇALIK H.

INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH, vol.10, no.2, pp.633-645, 2020 (ESCI)

- II. **Design of a single-phase SPWM inverter application with PIC micro controller**

Birbir Y., Yurtbasi K., Kanburoğlu V.

ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.22, pp.592-599, 2019 (Peer-Reviewed Journal)

- III. **A web aided education model that can be used in power electronics course**

Birbir Y., Kanburoğlu V.

ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.21, pp.17-23, 2018 (Peer-Reviewed Journal)

- IV. **Arc Welding Machine with Half-Bridge Forward Converter**

BİRBİR Y.

International Journal of Electronics and Electrical Engineering Vol. 5, No. 2, April 2017, vol.5, no.5, pp.106-109, 2017 (Peer-Reviewed Journal)

- V. **Experimental Study of Synchronous Servo Systems in Electrical and Electronic Engineering Education**

BİRBİR Y., ÇAMLICA A. S.

International Journal of Electronics and Electrical Engineering Vol. 5, No. 2, April 2017, vol.5, no.2, pp.178-182, 2017 (Peer-Reviewed Journal)

- VI. **Electrochemical Inactivation of Proteolytic and Lipolytic Hide Bacteria**

Birbir M., Birbir Y., Yılmaz E., Çağlayan P.

International Journal of Bioscience, Biochemistry and Bioinformatics, vol.6, pp.121-129, 2016 (Peer-Reviewed Journal)

- VII. **The optimal hall sensor s position for brushless direct current machine experimental study**

Hasanusta K., OYMAN SERTELLER N. F., BİRBİR Y.

Rev. Téc. Ing. Univ. Zulia, vol.39, no.1, pp.218-225, 2016 (Peer-Reviewed Journal)

- VIII. **Application of Alternating Electric Current in Leather Industry to Kill Extremely Halophilic Archaea Found in Brine Solutions**

Birbir Y., Anık S., Birbir M., Çağlayan P.

Journal of Automation and Control Engineering, vol.3, pp.343-346, 2015 (Peer-Reviewed Journal)

- IX. **The development of English computer aided education program for acquisition of color number and shape concepts in preschool children without foreign language education background**

Uyanık Balat G., Balaban Dağal A., Kanburoğlu V., Şallı D., Birbir Y.

Procedia Social and Behavioral Sciences, vol.170, pp.87-94, 2015 (Peer-Reviewed Journal)

- X. **Stator and rotor currents analysis of the inverted rotor induction motor**

TEMİZ İ., BİRBİR Y., AKÜNER M. C.

IU-Journal of Electrical Electronics Engineering, vol.9, pp.929-934, 2009 (Peer-Reviewed Journal)

- XI. **Neural Network Solution to Low Order Odd Current Harmonics in Short Chorded Induction Motors**
KARATEPE MUMCU Y., NOĞAY H. S., BİRBİR Y.
INTERNATIONAL JOURNAL of SYSTEMS APPLICATIONS, ENGINEERING & DEVELOPMENT, pp.21, 2008 (Peer-Reviewed Journal)
- XII. **Application of Artificial Neural Network for Harmonic Estimation in Different Produced Induction Motors**
nogay h. s., BİRBİR Y.
International Journal of Circuits, Systems and Signal Processing, NAUN, vol.4, no.1, pp.334-339, 2007 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **ARM Mimarili Geliştirme Kartı İle Dc-Dc Buck-Boost Dönüştürücü.**
Birbir Y., Kanburoğlu V., Alışık E.
2. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, Antalya, Turkey, 7 - 10 November 2019
- II. **Lethal Effect of Direct Electric Current on Moderately Halophilic Bacillus Isolates Obtained From Salted Sheep skins**
BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A.
ISE Extremophiles 2016, Kyoto, Japan, 12 - 16 September 2016
- III. **Lethal Effect of Direct Electric Current on Moderately Halophilic Bacillus Isolates Obtained from Salted Sheep Skins**
BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A.
11th International Congress on Extremophiles, Kyoto, Japan, 12 - 16 September 2016
- IV. **Electric current and antibacterial agent application to inactivate antibiotic resistant Enterobacteriaceae**
BİRBİR M., Yazıcı E., ÇAĞLAYAN P., BİRBİR Y., Goebel R. A.
ELECTROSTATICS JOINT CONFERENCE, United States Of America, 13 - 16 June 2016
- V. **Electrochemical Inactivation of Proteolytic and Lipolytic Hide Bacteria**
BİRBİR M., BİRBİR Y., Yılmaz E., ÇAĞLAYAN P.
3rd International Conference on Electrical and Electronics Engineering (ICEEE 2016), İstanbul, Turkey, 11 - 12 April 2016
- VI. **Controlling Antibiotic resistant moderately halophilic bacteria via direct and alternating electric currents**
BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., OGAN A., VENTOSA A., SANCHEZ PORRO C.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, 21 - 22 May 2015
- VII. **Controlling Antibiotic Resistant Moderately Halophilic Bacteria Via Direct and Alternating Electric Currents**
BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., OGAN A., VENTOSA A., SANCHEZ PORRO C.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Turkey, 21 - 22 May 2015
- VIII. **The Development of English Computer Aided Education Program for Acquisition of Color Number and Shape Concepts in Preschool Children without Foreign Language Education Background**
BALABAN DAĞAL A., UYANIK BALAT G., KANBUROĞLU V., BİRBİR Y., ŞALLI D.
International Educational Technology Conference 2014, 3 - 05 September 2014
- IX. **Effect of using Antibacterial Agent Direct and Alternating Electric Currents to Kill Bacteria in Hide Curing and Pre soaking Liquors**
EMINE V., BİRBİR M., BİRBİR Y.
The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, Turkey, 18 - 21 September 2014
- X. **Characterization and Electrochemical Inactivation of Antibiotic Resistant Acinetobacter johnsonii**

Isolated from Salted Sheep Skins

AKPOLAT C., BİRBİR Y., BİRBİR M., VENTOSA A., ÇAĞLAYAN P., SANCHEZ PORRO C.

The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 18 - 21 September 2014

- XI. **Inactivation of Antibiotic resistant Species Belonging to Staphylococcus, Bacillus, Gracilibacillus and Idiomarina via Electric Current**
Çağlayan P., Birbir Y., Birbir M., Sanchez Porro C., Ventosa A.
The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 18 - 21 September 2014
- XII. **Eradication of Antibiotic Resistant Hide Microorganisms Using Combined Alternating and Direct Electric Currents and Antibacterial Agent**
BİRBİR M., YILMAZ E., BİRBİR Y., ÇAĞLAYAN P.
The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Turkey, 18 - 21 September 2014
- XIII. **The development of English computer aided education program for acquisition of color, number and shape concepts in preschool children without foreign language education background**
BALABAN DAĞAL A., Balat G., KANBUROĞLU V., ŞALLI D., BİRBİR Y.
International Educational Technology Conference IETC, Illinois, United States Of America, 3 - 05 September 2014, vol.176, pp.87-94
- XIV. **Extermination of Bacteria Found in Hide Brine Curing Liquors in the Leather Industry Using Combined Alternating And Direct Electric Current Applications and Bronopol**
BİRBİR Y., ÇAĞLAYAN P., DÖLEK N., BİRBİR M.
The 5th International Symposium on Sustainable Development [ISSD 2014], SARAYBOSNA, Bosnia And Herzegovina, 15 - 18 May 2014
- XV. **Destruction of Extremely Halophilic Archaea via Alternating Electric Current**
BİRBİR Y., ANIK S., BİRBİR M., ÇAĞLAYAN P.
The 5th International Symposium on Sustainable Development [ISSD 2014], SARAYBOSNA, 15 - 18 May 2014
- XVI. **Mesleki ve Teknik Eğitimde Nitelikli Araştırma Görevlilerinin Yeri ve Önemi**
BİRBİR Y., BİRBİR M., FENERCİOĞLU A.
Mesleki ve Teknik Eğitim Sempozyumu 1995, Elazığ, Turkey, 10 - 13 July 2013
- XVII. **Importance of the Computer Applied Vocational Technic Education**
BİRBİR Y., SALAN Ü., BİRBİR M., KOCABEY S.
16th Preparatory Document of National Education Council, Professional and Technical Education Proceedings, Turkey, 10 - 13 July 2013
- XVIII. **Güneş Enerjisi Panellerinden Elde Edilen DC Gerilimin Yüksek Doğru Gerilim HVDC Olarak İletimi**
KAKİLLİ A., EKREN N., BİRBİR Y., YILMAZ M.
UDUSİS 1. Uluslararası Kalımlı Kamu-Üniversite-Sanayi İşbirliği Sempozyumu ve Mermercilik Şurası, Diyarbakır, Turkey, 25 - 28 May 2010, pp.622-623
- XIX. **Extracellular Protease Activities of Extremely Halophilic Archaea and Their Control Via Direct Electric Current**
BİRBİR M., ÖZDOĞRU B., BİRBİR Y., OGAN A.
XII. International Congress of Bacteriology and Applied Microbiology, İstanbul, Turkey, 5 - 09 August 2008
- XX. **Designation of harmonic estimation ANN model using experimental data obtained from different produced induction motors**
Nogay H. S., BİRBİR Y.
9th WSEAS International Conference on Neural Networks (NN 08), Sofija, Bulgaria, 2 - 04 May 2008, pp.198-201
- XXI. **Estimation of low order odd current harmonics in short chorded induction motors using Artificial Neural Network**
BİRBİR Y., Nogay H. S., Ozel Y.
9th WSEAS International Conference on Neural Networks (NN 08), Sofija, Bulgaria, 2 - 04 May 2008, pp.194-197
- XXII. **Prediction of current harmonics in induction motors with Artificial Neural Network**
BİRBİR Y., Nogay H. S., Taskin S.
Joint Conference on Electromotion/IEEE Aegean Conference on Electrical Machines and Power Electronics/, Bodrum, Turkey, 10 - 12 September 2007, pp.707-711

- XXIII. **Harmonic variations in three-phase induction motors fed by PWM inverter with different stator coil pitches**
BİRBİR Y., Nogay H. S.
6th WSEAS International Conference on Applications of Electrical Engineering, İstanbul, Turkey, 27 - 29 May 2007, pp.195-196
- XXIV. **Estimation of total harmonic distortion in short chorded induction motors using artificial neural network**
BİRBİR Y., Nogay H. S., TOPUZ V.
6th WSEAS International Conference on Applications of Electrical Engineering, İstanbul, Turkey, 27 - 29 May 2007, pp.206-207
- XXV. **Design and implementation of PLC-based monitoring control system for three-phase induction motors fed by PWM inverter**
BİRBİR Y., Nogay H. S.
6th WSEAS International Conference on Applications of Electrical Engineering, İstanbul, Turkey, 27 - 29 May 2007, pp.200-201
- XXVI. **Rotating field voltage analysis on the stator and rotor of the inverted rotor induction motor**
TEMİZ İ., Akuner C., BİRBİR Y., KAKİLLİ A.
6th WSEAS International Conference on Applications of Electrical Engineering, İstanbul, Turkey, 27 - 29 May 2007, pp.172-173
- XXVII. **A pc based digital storage oscilloscope DSO design with a sound card**
AKÜNER M. C., BİRBİR Y., TEMİZ İ.
International Conference on MODELING AND SIMULATION General Application Embedded Systems Engineering AMSE'06, 1 - 03 June 2006
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