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International Researcher IDs

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Publons / Web Of Science ResearcherID: E-1200-2014

Yoksis Researcher ID: 59104

Education Information

Doctorate, Sakarya University, Faculty Of Engineering, Department Of Electrical And Electronics Engineering, Turkey
1996 - 2003

Postgraduate, Istanbul University, Institute Of Graduate Studies In Sciences, Mühendislik Fakültesi Bölümü, Turkey 1992 -
1995

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Elektronik Ve Haberleşme Mühendisliği
Bölümü, Turkey 1986 - 1990

Dissertations

Doctorate, Kesme işlemlerinde kesici takım aşınmasının gerçek zamanda gözlemleyen sistem geliştirilmesi, Sakarya
Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2003

Postgraduate, Toplu devre elemanlı devrelerin dağılmış devre elemanlı eşdeğerleri, İstanbul Üniversitesi, Mühendislik
Fakültesi, Elektronik Mühendisliği Bölümü, 1995

Research Areas

Electrical and Electronics Engineering, Electronic, Sensing Devices and Transducers, Electronic Circuits, Power
Electronics, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Kocaeli University, Karamürsel Meslek Yüksekokulu, Elektronik Ve Otomasyon, 2021 - Continues

Assistant Professor, Kocaeli University, Karamürsel Meslek Yüksekokulu, Elektronik Ve Otomasyon, 2018 - 2021

Assistant Professor, Kocaeli University, Karamürsel Meslek Yüksekokulu, 2011 - 2018

Assistant Professor, Kocaeli University, Karamürsel Meslek Yüksekokulu, Teknik Programlar Bölümü, 2003 - 2011

Lecturer, Kocaeli University, Karamürsel Meslek Yüksekokulu, Teknik Programlar Bölümü, 1999 - 2003

Lecturer, Kocaeli University, Kocaeli Meslek Yüksekokulu, Teknik Programlar Bölümü, 1993 - 1999

Lecturer, Abant İzzet Baysal Üniversitesi, 1992 - 1994

Lecturer, Istanbul Technical University, Meslek Yüksekokulu, Teknik Programlar Bölümü, 1991 - 1992

Academic and Administrative Experience

Kocaeli Üniversitesi, Karamürsel Meslek Yüksekokulu, Elektronik Ve Otomasyon Bölümü, 2011 - Continues
Kocaeli Üniversitesi, Karamürsel Meslek Yüksekokulu, 2011 - Continues
Meslek Yüksekokulu Kurulu, Kocaeli University, Karamürsel Meslek Yüksekokulu, Elektronik ve Otomasyon, 2011 - Continues
Meslek Yüksekokulu Yönetim Kurulu, Kocaeli University, Karamürsel Meslek Yüksekokulu, Elektronik ve Otomasyon, 2003 - Continues
Kocaeli Üniversitesi, Karamürsel Meslek Yüksekokulu, 2011 - 2018
Kocaeli Üniversitesi, Karamürsel Meslek Yüksekokulu, Teknik Programlar Bölümü, 2007 - 2011
Kocaeli Üniversitesi, Karamürsel Meslek Yüksekokulu, Teknik Programlar Bölümü, 2006 - 2007
Kocaeli Üniversitesi, Kocaeli Meslek Yüksekokulu, Teknik Programlar Bölümü, 1998 - 1999

Courses

MİKROİŞLEMCİLER/MİKRODENETLEYİCİLER-I, Associate Degree
PROGRAMLANABİLİR DENETLEYİCİLER, Associate Degree
MİKROİŞLEMCİLER/MİKRODENETLEYİCİLER-II, Associate Degree
MİKROİŞLEMCİLER/MİKRODENETLEYİCİLER, Associate Degree
SAYISAL TASARIM, Associate Degree
SİSTEM KURULUMU VE HATA ARAMA, Associate Degree
ENSTRÜMANTASYON, Associate Degree

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dynamic Centripetal Parameterization Method for B-Spline Curve Interpolation**
Balta C., Ozturk S. T. , Kuncan M., KANDİLLİ İ.
IEEE ACCESS, vol.8, pp.589-598, 2020 (Journal Indexed in SCI)
- II. **Hybrid Spiral STC-Hedge Algebras Model in Knowledge Reasonings for Robot Coverage Path Planning and Its Applications**
Hai Van Pham H. V. P. , Asadi F., ABUT N., KANDİLLİ İ.
APPLIED SCIENCES-BASEL, vol.9, no.9, 2019 (Journal Indexed in SCI)
- III. **Experimental Performance Evaluation of a Power Generation System Using SEIG**
KANDİLLİ İ.
ELEKTRONIKA IR ELEKTROTEHNIKA, vol.23, no.1, pp.10-14, 2017 (Journal Indexed in SCI)
- IV. **A comparison of the effects of problem-based learning and computer-assisted learning methods on student success in mechatronics education**
KANDİLLİ İ., KARAKAŞ E.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART B-SOCIAL AND EDUCATIONAL STUDIES, vol.4, no.2, pp.963-970, 2012 (Journal Indexed in SCI)
- V. **Tracking control based on neural network for robot manipulator**
Sonmez M., Kandilli I., Yakut M.
ARTIFICIAL INTELLIGENCE AND NEURAL NETWORKS, vol.3949, pp.49-57, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Yeraltı Metro Hatlarında Video Analiz Yöntemiyle Olay Algılama Kontrolünün Gerçekleştirilmesi**
ÇEKEREK E., KANDİLLİ İ., KUNCAN M.

El-Cezeri Fen ve Mühendislik Dergisi, vol.7, no.3, pp.1025-1038, 2020 (Other Refereed National Journals)

- II. **Dynamics and control of a novel buck-boost converter with low stresses on switches and diodes**
Asadi F., ABUT N., KANDİLLİ İ.
INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES, vol.4, no.8, pp.149-153, 2017 (Journal Indexed in ESCI)
- III. **Joy of controller design: Controller design based on Kocaeli university's converter dynamics toolbox for MATLAB**
Asadi F., ABUT N., KANDİLLİ İ.
INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES, vol.4, no.7, pp.5-10, 2017 (Journal Indexed in ESCI)
- IV. **A novel buck-boost converter**
Asadi F., ABUT N., KANDİLLİ İ.
INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES, vol.4, no.5, pp.133-137, 2017 (Journal Indexed in ESCI)
- V. **A simple method for electrical machine's mechanical parameter extraction**
Asadi F., ABUT N., KANDİLLİ İ.
INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES, vol.4, no.4, pp.164-169, 2017 (Journal Indexed in ESCI)
- VI. **Real-time speed controlling of a DC motor using fuzzy logic controller**
KANDİLLİ İ.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.23, no.5, pp.543-549, 2017 (Journal Indexed in ESCI)
- VII. **Tool Wear Monitoring System Using Artificial Neural Network**
sönmez m., KANDİLLİ İ., ERTUNÇ H. M.
Journal of Naval Science and Engineering, vol.1, no.2, pp.9-18, 2003 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

- I. **SERVO PRESS CONTROL BY ETHERCAT**
SARAÇ N. M. , KANDİLLİ İ., KUNCAN M.
3. ASIA PACIFIC INTERNATIONAL CONGRESS ON CONTEMPORARY STUDIES, Seoul, South Korea, 10 April - 12 October 2020, pp.251-257
- II. **FACE RECOGNITION SYSTEM WITH RASPBERRY PI**
ÖZİŞ H., KANDİLLİ İ., KUNCAN M.
4th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCHES, Gaziantep, Turkey, 29 - 31 May 2020, pp.178-185
- III. **SMART SOIL IRRIGATION SYSTEM**
COGAY S., KANDİLLİ İ., KUNCAN M.
4th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCHES, Gaziantep, Turkey, 29 - 31 May 2020, pp.249-256
- IV. **FOOD STOCK CONTROL**
YÜREKLİ L. B. , KANDİLLİ İ., KUNCAN M.
3. ASIA PACIFIC INTERNATIONAL CONGRESS ON CONTEMPORARY STUDIES, Seoul, South Korea, 10 - 12 April 2020, pp.259-265
- V. **ONLİNE ÖLÇÜM SİSTEMLERİ VE SPEKTROFOTOMETRE (UV/VİSİBLE) ÖLÇÜMYAKLAŞIMLARI**
SÖNMEZ M., KANDİLLİ İ., KUNCAN M., CENGİZ E.
IV. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ UMTEB, Erzurum, Turkey, 7 - 09 December 2018, vol.2, pp.2154-2159
- VI. **Controlling and Analysis of Waterline with the Pressure Management System**
SÖNMEZ M., ŞEN C., KANDİLLİ İ., KUNCAN F., KUNCAN M.

1st INTERNATIONALENGINEERING ANDTECHNOLOGY SYMPOSIUM, Batman, Turkey, 3 - 05 May 2018, vol.1, pp.679-681

VII. Control of Mechatronic System with Remote SCADA

KANDİLLİ İ., KUNCAN F., CENGİZ E., KUNCAN M.

1st INTERNATIONALENGINEERING ANDTECHNOLOGY SYMPOSIUM, Batman, Turkey, 3 - 05 May 2018, vol.1, pp.909-911

VIII. Energy Follow-up and Economic Approaches in the SCADA System

SÖNMEZ M., ŞEN C., KANDİLLİ İ., KUNCAN F., KUNCAN M., CENGİZ E.

1st INTERNATIONALENGINEERING ANDTECHNOLOGY SYMPOSIUM, Batman, Turkey, 3 - 05 May 2018, vol.1, pp.912-914

IX. ELEKTRONİK KART İMALATINDA DİZGİ MAKİNELERİNDE GÖRÜNTÜ İŞLEME SİSTEMİNİN TASARLANMASI

saraç g., KANDİLLİ İ., KUNCAN M., KUNCAN F.

1st INTERNATIONALENGINEERING ANDTECHNOLOGY SYMPOSIUM, Batman, Turkey, 3 - 05 May 2018, vol.1, pp.111-112

X. Solar Powered Boat Design

KANDİLLİ İ., KARAKAŞ E., KUNCAN M.

International Advanced Technologies Symposium (IATS17), 19 - 22 October 2017

XI. Design of Cooling and Heating System in Cars with Solar Energy

KANDİLLİ İ., MİNAZ M. R. , KUNCAN M., KUNCAN F.

International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'17), Bitlis, Turkey, 27 - 29 October 2017, vol.1, pp.365-370

XII. Robot Design for Locating People in Earthquakes

KANDİLLİ İ., MİNAZ M. R. , KUNCAN M., KUNCAN F.

International Conference on Multidisciplinary, Science, Engineering and Technology (IMESET'17), Bitlis, Turkey, 27 - 29 October 2017, vol.1, pp.354-358

XIII. Measuring and Controlling Water Quality in Real Time in Distribution Network

SÖNMEZ M., ŞEN C., KANDİLLİ İ., KUNCAN M.

8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 - 22 October 2017, vol.1, pp.2117-2122

XIV. Development of System Model for Use of Multiple-Drone after Natural Disasters

KANDİLLİ İ., KUNCAN M.

IATS 2017 8th International Advanced Technologies Symposium, Elazığ, Turkey, 19 - 22 October 2017, vol.1, pp.2108-2012

XV. Distributed Equivalents of Lumped Element Networks

KANDİLLİ İ., KUNCAN M.

8th International Advanced Technologies Symposium (IATS'17), Elazığ, Turkey, 19 - 22 October 2017, vol.1, pp.2123-2130

XVI. Güneş Enerjisi Kullanılarak Sulama Sistemleri için Yeni Bilgi Tabanlı Model

KANDİLLİ İ., GÜVEN A., KARAKAŞ E., KUNCAN M.

1st International Mediterranean Science and Engineering Congress, 26 - 28 October 2016, pp.2152-2157

XVII. SCADA SİSTEMİNİN VERİ GÜVENİLİRLİĞİ

SÖNMEZ M., KANDİLLİ İ., KUNCAN M., KUNCAN F.

International Engineering, Science and Education Conference, Diyarbakır, Turkey, 1 - 03 December 2016, vol.1, pp.855-864

XVIII. SCADA SİSTEMLERİNDE SEZGİSEL YAKLAŞIMLAR

şen c., sönmez m., KANDİLLİ İ., KUNCAN M.

International Engineering, Science and Education Conference, Diyarbakır, Turkey, 1 - 03 December 2016, vol.1, pp.865-872

XIX. Elektropnömatik sistemin gerçek zamanlı kontrolü ve gözlemlenmesi

tuncer u., ÖZTÜRK S., KANDİLLİ İ., KUNCAN M.

İMSEC 2016, 26 - 28 October 2016

- XX. **Steril kabin ve çeker ocakların kontrol modülünün tasarımı**
SARAÇ G., KANDİLLİ İ., KUNCAN M.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.1996-2003
- XXI. **Uzaktan erişimli tavuk çiftliği otomasyonu**
SARAÇ G., KANDİLLİ İ., KUNCAN M.
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.2876-2884
- XXII. **Negatif Basınçla Yara Kapama Cihazının Geliştirilmesi**
saraç g., KANDİLLİ İ., süerkan r.
5th International Vocational Schools Symposium, Prizren, Serbia And Montenegro, 18 - 20 May 2016, vol.2, pp.807-810
- XXIII. **Geliştirilmiş Yerli Programlanabilir Denetleyici**
saraç g., KANDİLLİ İ., süerkan r.
5th International Vocational Schools Symposium, Prizren, Serbia And Montenegro, 18 - 20 May 2016, vol.1, pp.169-174
- XXIV. **Tank Namlu Stabilizasyon Uygulaması**
SUADİYE U., ÖZTÜRK S., KANDİLLİ İ.
Elektrik-Elektronik Bilgisayar Sempozyumu (FEEB 2011), Elazığ, Turkey, 5 - 07 October 2011, vol.1, pp.176-181
- XXV. **ÜÇ EKSENLİ İKİ BOYUTLU CNC TEZGAH TASARIMI**
ŞENOL S., ÖZTÜRK S., KANDİLLİ İ.
UMYOS2011 2. Uluslararası 6. Meslek Yüksekokulları Sempozyumu, Aydın, Turkey, 25 - 27 May 2011, vol.1, pp.1-9
- XXVI. **ATIŞ KONTROL SİSİYEMLERİNDE OTOMATİK NAMLU SABİTLEME SİSTEMİ (ONSS) VE TASARIMI**
SARAÇ G., KANDİLLİ İ.
UMYOS2011 2. Uluslararası 6. Meslek Yüksekokulları Sempozyumu, Adnan Menderes Üniversitesi, Aydın Meslek Yüksekokulu, 25-27 Mayıs 2011, Aydın, Türkiye, Aydın, Turkey, 25 - 27 May 2011, vol.1, pp.1-8
- XXVII. **GÖRÜNTÜ İŞLEME İLE NABİZ SAYISININ BELİRLENMESİ**
YETİM ÇAKILCI K., YAKUT M., KANDİLLİ İ.
1.Uluslararası 5.Ulusal Meslek Yüksekokulları Sempozyumu, Konya, Turkey, 27 - 29 May 2009, vol.1, pp.855-859
- XXVIII. **Online Monitoring of Tool Wear and Drilling an Milling Operation with Vibration using Artificial Neural Network**
KANDİLLİ İ., SÖNMEZ M., ERTUNÇ H. M.
PROCEEDINGS OF THE 7TH INTERNATIONAL CONFERENCE VIBROENGINEERING 2008, Kaunas, Lithuania, 9 - 11 October 2008, pp.63-67
- XXIX. **SEKTÖR ZAMANLARINA GÖRE ZAMAN AŞIMLARINI KAYDEDEN HAFIZALI SAYAÇ TASARIMI**
ŞENOL S., YAKUT M., SÖNMEZ M., KANDİLLİ İ.
EMO-IV.OTOMASYON SEMPOZYUMU, SAMSUN, Samsun, Turkey, 23 - 24 May 2007, vol.1, pp.33-36
- XXX. **Online monitoring of tool wear in drilling and milling by multi-sensor neural network fusion**
KANDİLLİ İ., Soenmez M., Ertunc H. M. , Cakur B.
IEEE International Conference on Mechatronics and Automation, Harbin, China, 5 - 08 August 2007, pp.1388-1391
- XXXI. **Determination of product surface quality**
Cakilci K., Yakut M., KANDİLLİ İ.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.329-330
- XXXII. **Dijital Görüntü İşleme ile Lazer Tarama Tekniği Kullanılarak Ürün Kalitesinin Belirlenmesi**
ÇAKILCI YETİM K., YAKUT M., KANDİLLİ İ.
Pamukkale Üniversitesi III. Otomasyonsempozyumu,Denizli, Denizli, Turkey, 11 - 12 November 2005, vol.1, pp.1-5
- XXXIII. **üç serbest dereceli endüstriyel robotun yapay sinir ağları denetimi**
sönmez m., NİL M., YÜZGEÇ U., KANDİLLİ İ.
Elektrik, Elektronik ve Bilgisayar Mühendisliği Sempozyumu ve Fuarı, Bursa, Turkey, 8 - 12 December 2004, vol.1, pp.268-271

- XXXIV. **Decomposition of Turbulent Velocity Signals using Moving Average Filter**
ERDİL A., ERTUNÇ H. M. , KANDİLLİ İ., AYDIN K.
Second International Conference on Electrical and Electronics Engineering,ELECO2001, Bursa, Turkey, 7 - 11
November 2001, vol.1, pp.241-245
- XXXV. **Active Control of Machine Tool Spindle Vibration using an Electromagnetic Bearing**
KARAYEL D., ÖZKAN S. S. , KANDİLLİ İ.
Second International Conference on Electrical and Electronics Engineering,ELECO2001, Bursa, Turkey, 7 - 11
November 2001, vol.1, pp.246-250
- XXXVI. **The Determination of the Surface Roughness in the Intelligent Metal Cutting Process**
KARAYEL D., ÖZKAN S. S. , KANDİLLİ İ.
1. International Conference on Information Technology in Mechatronics,ITM2001, İstanbul, Turkey, 1 - 03 October
2001, vol.1, pp.459-462
- XXXVII. **The Active Vibration Control of the High Speed Machine Tool Spindle using the Electromagnetic
Damper**
KARAYEL D., ÖZKAN S. S. , KANDİLLİ İ.
1. International Conference on Information Technology in Mechatronics,ITM2001, İstanbul, Turkey, 1 - 03 October
2001, vol.1, pp.453-458

Metrics

Publication: 49

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