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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği Anabilim Dalı, Turkey
2016 - Continues

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 2014 -
2016

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 2008 -
2013

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

IT, Gömülü Sistem Tasarımı, Çizgi Tagem A.Ş, 2015

Other, Diksiyon ve beden dili eğitimi, K.T.Ü, 2013

Education Management and Planning, Etkili Konuşma, Vücut dili ve Diksiyon Semineri, Cem Öğretir, 2012

IT, MATLAB Eğitim sertifikası, FİGES A.Ş, 2010

IT, Teknik Servis Eğitimi, Karadeniz Teknik Üniversitesi, 2009

Research Areas

Information Systems, Communication and Control Engineering, Communication Engineering, Error Corrector Codes,
Wireless Communication, Quantum Communication, Computer Sciences, Equipment, Processor Architectures, Integrated
Circuits, Electrical and Electronics Engineering, Electronic, Printed Circuits, Thin Film, Thick Film and Hybrid ICs,
Electronic Circuits, Nanotechnology, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2014 -
Continues

Books & Book Chapters

- I. **Implementation of Digitalization in Food Industry**
ŞEN K. Ö., DURAKBAŞA N., ERDÖL H., BERBER T., BAŞ G., ŞEVİK U.
in: DAAAM Scientific Book, Branko KATALINIC, Editor, Daaam International, Vienna, pp.91-104, 2017
- II. **Implementation of Digitalization In Food Industry**
ŞEN K. Ö., DURAKBAŞA N., ERDÖL H., BERBER T., BAŞ G., ŞEVİK U.
in: DAAAM International Scientific Book 2017, Branko KATALINIC, Editor, Daaam International Vienna, Vienna, pp.91-104, 2017
- III. **Implementation of Digitalization In Food Industry**
ŞEN K. Ö., DURAKBAŞA N., ERDÖL H., BERBER T., BAŞ G., ŞEVİK U.
in: DAAAM International Scientific Book 2017, Branko KATALINIC, Editor, Daaam International Vienna, Vienna, pp.91-104, 2017
- IV. **IMPLEMENTATION OF DIGITALIZATION IN FOOD INDUSTRY**
ŞEN K. Ö., DURAKBASA N., ERDÖL H., BERBER T., BAS G., ŞEVİK U.
in: DAAAM International Scientific Book 2017, , Editor, DAAAM, Viyana, pp.91-104, 2017
- V. **IMPLEMENTATION OF DIGITALIZATIONIN FOOD INDUSTRY**
ŞEN K. Ö., DURAKBAŞA N., ERDÖL H., BERBER T., BAŞ G., ŞEVİK U.
in: DAAAM INTERNATIONAL SCIENTIFIC BOOK 2017, BRANKO KATALINIC, Editor, DAAAM INTERNATIONAL VIENNA, VİYANA, pp.91-104, 2017
- VI. **Implementation of Digitalization in Food Industry**
ŞEN K. Ö., DURAKBAŞA N., ERDÖL H., BERBER T., BAŞ G., ŞEVİK U.
in: DAAAM INTERNATIONAL SCIENTIFIC BOOK 2017, Branko KATALINIC, Editor, DAAAM International Vienna and DAAAM scriptorium GmbH, Viyana, pp.91-104, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Channel measurement of visible light communication for indoor environment Kapalı mekanlarda görünür ışıklı haberleşme için kanal ölçümü**
Albayrak C., Şimşek C., Tuğcu E., Yazgan A., Erdöl H., Türk K.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4
- II. **Channel Measurement of Visible Light Communication for Indoor Environment**
ALBAYRAK C., ŞİMŞEK C., TUĞCU E., YAZGAN A., ERDÖL H., TÜRK K.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- III. **An Implementation of Industrial Internet of Things Based Total Quality Management in the Food Industry**
ŞEN K. Ö., DURAKBAŞA N., ERDÖL H., BERBER T., ŞEVİK U.
International Symposium for Production Research 2017, Viyana, Austria, 13 - 15 September 2017, pp.66
- IV. **Wireless Body Area Network Studies for Telemedicine Applications Using IEEE 802.15.6 Standard**
Ozderya H. Y., ERDÖL H., KAYIKÇIOĞLU T., Yilmaz A. O., KAYA İ.
International Conference on Medical and Biological Engineering in Bosnia and Herzegovina (CMBEBIH), Sarajevo, Bosnia And Herzegovina, 16 - 18 March 2017, vol.62, pp.666-670
- V. **A Novel Energy Aware Routing Function for Internet of Things Networks**
Erdol H., GÖRMÜŞ S., AYDOĞDU M. C.
10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.1314-1318
- VI. **FPGA Based Moving Objects Controller Using Remote Distance Sensors**
GULTEKIN O. K., ERDÖL H., Cavuslu M. A.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- VII. **PCAP Paketler ile Restfull API'yi Gerçek Zamanlı Dinleme**

Karaağaçlı E. S., Müngen A. A., ERDÖL H.

3. ULUSLARARASI YÖNETİM BİLİŞİM SİSTEMLERİ KONGRESİ, İzmir, Turkey, 7 - 09 October 2016

VIII. Lokasyon Bazlı CAPTCHA

Müngen A. A., Karaağaçlı E. S., ERDÖL H.

International Artificial Intelligence and Data Processing Symposium'16, Malatya, Turkey, 17 - 18 September 2016

IX. IEEE 802.15.4 ve IEEE 802.15.6 Standartlarında BER Başarımlarının Karşılaştırması Comparision of IEEE 802.15.4 and IEEE 802.15.6 Standard's BER Performances

ERDÖL H., Özderya H. Y., Şişman C., KAYA İ.

Signal Processing and Communication Application Conference (SIU), 2016 24th, Zonguldak, Turkey, 16 - 19 May 2016, pp.1445-1448

X. Comparision of IEEE 802.15.4 and IEEE 802.15.6 Standard's BER Performances

ERDÖL H., Ozderya H. Y., Sisman C., KAYA İ.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1445-1448

XI. BER Performance Comparision of IEEE 802.15.6 and IEEE 802.15.4 on PHY Layer

ERDÖL H., Ozderya H. Y., Sisman C., KAYIKÇIOĞLU T., KAYA İ.

39th International Conference on Telecommunications and Signal Processing (TSP), Vienna, Austria, 27 - 29 June 2016, pp.108-111

Metrics

Publication: 18

Citation (WoS): 5

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

TSP2016, Attendee, Wien, Austria, 2016

SIU2016, Attendee, Zonguldak, Turkey, 2016