

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAK-3271-2021

Yoksis Researcher ID: 152160

Research Areas

Information Systems, Communication and Control Engineering, Communication Engineering, Wireless Communication, Sattelite Communication, Electrical and Electronics Engineering, Electronic, Electronic Circuits, Electromagnetic, Electric and Magnetic Fields, Electromagnetic Waves, Antennas and Propagation, Engineering and Technology

Courses

Elektrik - Elektronikte Ölçme , Associate Degree, 2017 - 2018

Arıza Analizi, Associate Degree, 2017 - 2018

Ölçme Tekniği, Associate Degree, 2017 - 2018

Alternatif Akım Devre Analizi, Associate Degree, 2017 - 2018

Sarım Tekniği, Associate Degree, 2017 - 2018

Ev Cihazları, Associate Degree, 2017 - 2018

Mesleki Yabancı Dil - II, Associate Degree, 2017 - 2018

Mesleki Yabancı Dil - I, Associate Degree, 2017 - 2018

Sayısal Elektronik , Associate Degree, 2016 - 2017, 2010 - 2011

Elektronik - I , Associate Degree, 2015 - 2016

Sayısal Tasarım, Associate Degree, 2014 - 2015

Kontrol Sistemleri , Associate Degree, 2015 - 2016

Mekatroniğin Temelleri, Associate Degree, 2014 - 2015

Analog Elektronik , Associate Degree, 2014 - 2015

Bilgi ve İletişim Teknolojileri, Associate Degree, 2010 - 2011

Elektronik - II , Associate Degree, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

I. Papr reduction through Gaussian pre-coding in DCO-OFDM systems

Cinemre I., AYDIN V., HACIOĞLU G.

OPTICAL AND QUANTUM ELECTRONICS, vol.56, no.6, 2024 (SCI-Expanded)

II. Enhanced PAPR reduction in DCO-OFDM using multi-point constellations and DPSO optimization

AYDIN V., HACIOĞLU G.

NEURAL COMPUTING & APPLICATIONS, vol.36, pp.5747-5756, 2024 (SCI-Expanded)

Articles Published in Other Journals

- I. **Line of Sight LoS Probability Prediction for Satellite and HAPs Communication in Trabzon Turkey**
AYDIN V., ÇAVDAR İ. H., HASIRCI Z.
International Journal of Applied Mathematics, Electronics and Computers, vol.4, no.1, pp.155, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Çok Taşıyıcılı Görünür Işık Haberleşmesinde Tepe Gücün Ortalama Güce Oranının Azaltılması**
AYDIN V., HACIOĞLU G.
2. ULUSLARASI TÜRK DÜNYASI MÜHENDİSLİK VE FEN BİLİMLER KONGRESİ, Antalya, Turkey, 7 - 10 November 2023, pp.440-446
- II. **Leach and AHP Based Clustering Algorithm For Wireless Sensor Networks**
HACIOĞLU G., SESLİ E., GANGAL V., AYDIN V.
5th International Conference on Advanced Technology & Sciences (ICAT'17), İstanbul, Turkey, 9 - 12 May 2017, pp.591-594
- III. **LINE OF SIGHT LOS PROBABILITY PREDICTION FOR SATELLITE AND HAPS COMMUNICATION IN TRABZON TURKEY**
AYDIN V., ÇAVDAR İ. H., HASIRCI Z.
International Conference on Advanced Technology and Science (ICAT), Konya, Turkey, 1 - 03 September 2016, pp.614-620
- IV. **Pnömatik Sistem Uygulamaları**
AKYAZI Ö., AKTAŞ K., AYDIN V.
Çankaya Üniversitesi 4. Mühendislik ve Teknoloji Sempozyumu, Ankara, Turkey, 28 - 29 April 2011, pp.638-643

Metrics

Publication: 7

H-Index (WoS): 2

Congress and Symposium Activities

5th International Conference on Advanced on Advanced Technology&Sciences, Attendee, İstanbul, Turkey, 2017

Non Academic Experience

AKGÜN YAZILIM(TRABZON)

HEKİMOĞLU DÖKÜM FABRİKASI(TRABZON)

KARADENİZ TEKNİK ÜNİVERSİTESİ