

Asst. Prof. MAHMUT YILDIRIM

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2009 - 2018

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2007 - 2009

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektronik Mühendisliği Bölümü, Turkey 1999 - 2006

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Çok taşıyıcılı kod bölmeli çoklu erişim (MC-CDMA) sistemlerinde tepe gücü/ortalama güç oranının yapay zeka teknikleri ile düşürülmesi, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2009

Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği, 2018 - Continues

Research Assistant, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2007 - 2018

Academic and Administrative Experience

Deputy Head of Department, Yozgat Bozok University, 2023 - Continues

Head of Department, Yozgat Bozok University, Lisansüstü Eğitim Enstitüsü, 2023 - Continues

Yozgat Bozok University, 2018 - Continues

Courses

Gezgin İletişim Sistemleri, Doctorate, 2023 - 2024, 2022 - 2023

Veri Haberleşmesi, Undergraduate, 2019 - 2020, 2018 - 2019
Kablosuz Haberleşme, Undergraduate, 2019 - 2020, 2018 - 2019
Uydu Haberleşme Sistemleri, Postgraduate, 2019 - 2020
Yaylı Spektrum Haberleşmesi, Postgraduate, 2019 - 2020
Olasılık Teorisi, Undergraduate, 2019 - 2020, 2018 - 2019
Analog Elektronik, Undergraduate, 2019 - 2020, 2018 - 2019
Endüstriyel Elektronik Sistemlerin Tasarımı ve Uygulamaları, Postgraduate, 2019 - 2020, 2018 - 2019
Dijital Elektronik, Undergraduate, 2019 - 2020, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Joint Parallel Tabu Search Algorithm-Based Look-Up Table Design and Deep Learning-Based Signal Detection for OFDM-AIM**
YILDIRIM M.
IEEE Wireless Communications Letters, vol.13, no.2, pp.575-579, 2024 (SCI-Expanded)
- II. **Subcarrier-Interactive Dual-Mode OFDM**
YILDIRIM M.
IEEE Communications Letters, vol.27, no.5, pp.1472-1476, 2023 (SCI-Expanded)
- III. **ABC Algorithm-Based Subblocks Set Design for OFDM With All Index Modulation**
YILDIRIM M.
IEEE COMMUNICATIONS LETTERS, vol.24, no.12, pp.2926-2930, 2020 (SCI-Expanded)
- IV. **A Novel Parallel Artificial Bee Colony Algorithm and Its PAPR Reduction Performance Using SLM Scheme in OFDM and MIMO-OFDM Systems**
TAŞPINAR N., YILDIRIM M.
IEEE COMMUNICATIONS LETTERS, vol.19, no.10, pp.1830-1833, 2015 (SCI-Expanded)
- V. **Partial Transmit Sequences for PAPR Reduction Using Parallel Tabu Search Algorithm in OFDM Systems**
TAŞPINAR N., KALINLI A., YILDIRIM M.
IEEE COMMUNICATIONS LETTERS, vol.15, no.9, pp.974-976, 2011 (SCI-Expanded)
- VI. **Partial transmit sequences based on artificial bee colony algorithm for peak-to-average power ratio reduction in multicarrier code division multiple access systems**
Taspinar N., Karaboga D., YILDIRIM M., AKAY B.
IET COMMUNICATIONS, vol.5, no.8, pp.1155-1162, 2011 (SCI-Expanded)
- VII. **PAPR reduction using artificial bee colony algorithm in OFDM systems**
TAŞPINAR N., KARABOĞA D., YILDIRIM M., AKAY B.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.19, no.1, pp.47-58, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **OFDM-AIM İletim Tekniği için Karınca Kolonisi Optimizasyon Algoritması Tabanlı Alt-Blok Set Tasarımı**
YILDIRIM M.
Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.13, pp.478-488, 2021 (Peer-Reviewed Journal)
- II. **Peak-to-Average Power Ratio Reduction using Artificial Bee Colony Algorithm in Wavelet Packet Modulation**
TAŞPINAR N., YILDIRIM M.
Journal of Advances in Computer Networks, 2013 (Peer-Reviewed Journal)

Metrics

Publication: 9

Citation (WoS): 121

Citation (Scopus): 167

H-Index (WoS): 4

H-Index (Scopus): 4