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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Elektrik - Elektronik Mühendisliği, Turkey 2017 - Continues

Postgraduate, Ondokuz Mayıs University, Institute Of Science, Elektrik - Elektronik Mühendisliği, Turkey 2014 - 2017

Undergraduate, Uludağ Üniversitesi, Mühendislik Fakültesi, Elektronik Mühendisliği, Turkey 2007 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of Spectral and Energy Efficiencies Trade-Off Using Multi-objective Forest Optimization Algorithm in Massive MIMO Systems**
GÜL B. K., TAŞPINAR N.
Wireless Personal Communications, vol.137, no.1, pp.399-414, 2024 (SCI-Expanded)
- II. **Pilot Tones Design for Channel Estimation Using Elephant Herding Optimization Algorithm in Massive MIMO Systems**
TAŞPINAR N., Ergec A., Gul B. K.
WIRELESS PERSONAL COMMUNICATIONS, vol.133, no.3, pp.1917-1934, 2023 (SCI-Expanded)
- III. **Spectral and energy efficiency trade-off in massive MIMO systems using multi-objective bat algorithm**
GÜL B. K., TAŞPINAR N.
JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, vol.73, no.2, pp.132-139, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Measurement and Evaluation of Electromagnetic Pollution in Ondokuz Mayıs University Kurupelit Campus in Samsun**
GÜL B. K., KURNAZ Ç., KORUNUR ENGİZ B.
International Journal of Advances in Electronics Engineering, vol.6, no.1, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Application of Multi-objective Artificial Bee Colony Algorithm to Spectral and Energy Efficiencies Trade-off in Massive MIMO Systems**
Gül B. K., Taşpınar N.

14 th INTERNATIONAL CONFERENCE on ELECTRONICS, COMPUTERS and ARTIFICIAL INTELLIGENCE (ECAI 2022), Ploiesti, Romania, 30 June - 01 July 2022, pp.390-395

II. **Usage of Intelligent Optimization Techniques for Estimation of Pareto Optimal Front of Spectral Efficiency-Energy Efficiency Trade-off in Massive MIMO Systems**

Gül B. K., Taşpınar N.

The Palestinian International Conference on Information and Communication Technology (PICICT 2021) , 28 - 29 September 2021

III. **INVESTIGATION OF EFFECT OF THE PILOT REUSE FACTOR VIA INTELLIGENT OPTIMIZATIONS ON ENERGY AND SPECTRAL EFFICIENCIES TRADE-OFF IN MASSIVE MIMO SYSTEMS**

Gül B. K., Taşpınar N.

15th International Conference ETAI 2021, Skopje, Macedonia, 23 - 24 September 2021

IV. **İris Analizi ile Kandaki Yüksek Kolesterolün Belirlenmesi**

GÜL B. K., KURNAZ Ç.

20. Biyomedikal Mühendisliği Ulusal Toplantısı (BİYOMUT 2016), İzmir, Turkey, 3 - 05 November 2016

V. **İris Tanıma Sistem Başarımına Kodlama ve Gürültünün Etkisi**

GÜL B. K., KURNAZ Ç.

24. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU2016), Zonguldak, Turkey, 16 - 19 May 2016

VI. **Measurement and Evaluation of Electromagnetic Pollution in Ondokuz Mayıs University Kurupelit Campus in Samsun Turkey**

GÜL B. K., KURNAZ Ç., KORUNUR ENGİZ B.

The Third International Conference on Advances in Information Processing and Communication Technology, Rome, Italy, Roma, Italy, 10 - 11 December 2015, vol.6, pp.117-121

VII. **Samsun İlkadım İlçesindeki Elektromanyetik Kirliliğin Ölçülmesi ve Değerlendirilmesi**

GÜL B. K., KURNAZ Ç.

Elektromanyetik Alanlar ve Etkileri (EMANET 2015) Sempozyumu, Mersin, Turkey, 13 - 15 November 2015

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