

Personal Information

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International Researcher IDs

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Dissertations

Doctorate, A reliable and secure communication design for underwater sensor networks concerning energy efficiency, Abdullah Gul University, Fen Bilimleri Enstitüsü, -, 2023

Postgraduate, QOS-aware downlink scheduling algorithm for LTE networks: A case study on edge users, Abdullah Gul University, Fen Bilimleri Enstitüsü, -, 2016

Research Areas

algorithms, Computer Networks, bioinformatics, Theoretical Computer Science, Database and Data Structures, Artificial Intelligence, Computer Learning and Pattern Recognition, Software

Academic Titles / Tasks

Assistant Professor, Kayseri University, Mühendislik, Mimarlık Ve Tasarım Fakültesi, Bilgisayar Mühendisliği Bölümü, 2024 - Continues

Academic and Administrative Experience

Assistant Director of Vocational School, Kayseri University, Bilişim Teknolojileri Meslek Yüksekokulu, 2024 - Continues

Courses

Undergraduate

Software Engineering, Undergraduate, 2024 - 2025

Mobile Programming / Application Development, Undergraduate, 2023 - 2024

Artificial Intelligence Techniques, Undergraduate, 2023 - 2024

BİLGİSAYAR TASARIM VE UYG., Undergraduate, 2024 - 2025

INTRODUCTION TO DATA MINING, Undergraduate, 2024 - 2025

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Machine learning approaches for underwater sensor network parameter prediction**
Uyan O. G., Akbas A., Gungor V. C.
AD HOC NETWORKS, vol.144, 2023 (SCI-Expanded)
- II. **A reliable and secure multi-path routing strategy for underwater acoustic sensor networks**
Uyan O. G., Akbas A., Gungor V. C.
COMPUTER NETWORKS, vol.212, 2022 (SCI-Expanded)
- III. **QoS-aware LTE-A downlink scheduling algorithm: A case study on edge users**
Uyan O. G., Gungor V. C.
INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS, vol.32, no.15, 2019 (SCI-Expanded)
- IV. **On the performance of LTE downlink scheduling algorithms: A case study on edge throughput**
Deniz C., Uyan O. G., Gungor V. C.
COMPUTER STANDARDS & INTERFACES, vol.59, pp.96-108, 2018 (SCI-Expanded)

Papers Published in Refereed Scientific Meetings

- I. **Lifetime Analysis of Underwater Wireless Networks Concerning Privacy with Energy Harvesting and Compressive Sensing**
Uyan O. G., Gungor V. C.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- II. **QoS-Aware Downlink Scheduling Algorithm for LTE Networks: A Case Study on Edge Users**
Gungor V. C., Uyan O. G.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

Metrics

Publication: 6

Citation (WoS): 30

Citation (Scopus): 51

H-Index (WoS): 4

H-Index (Scopus): 5