

## Asst. Prof. OSMAN GÖKHAN UYAN

### 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

### 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)

## Refereed Congress / Symposium Publications in Proceedings

- 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): 16

Citation (Scopus): 30

H-Index (WoS): 2

H-Index (Scopus): 3