

## Res. Asst. GÜRHAN BULU

### Personal Information

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### International Researcher IDs

ScholarID: [pgHZxnQAAAAJ](https://scholar.google.com/citations?user=pgHZxnQAAAAJ)

ORCID: [0000-0002-9926-6217](https://orcid.org/0000-0002-9926-6217)

Publons / Web Of Science ResearcherID: [Q-5414-2016](https://publons.com/author/pub/170050)

Yoksis Researcher ID: [170050](https://yoksis.tr/ezyetki/170050)

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Mühendisliği Bölümü, Turkey 2001 - 2008

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Mühendisliği Bölümü, Turkey 1998 - 2001

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Elektrik Ve Elektronik Mühendisliği Bölümü, Turkey 1994 - 1998

### Foreign Languages

English, C1 Advanced

### Research Areas

Information Systems, Communication and Control Engineering, Communication Engineering, Wireless Communication, Telecommunication Applications, Signal Processing, Signal Processing for Communication, Speech Analysis and Processing Techniques, Pattern Recognition and Analysis, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Elektrik ve Elektronik Bölümü, 2010 - Continues

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Elektrik ve Elektronik Bölümü, 1998 - 2011

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Interference aware two-tier fair user-cell association**  
YÜKSEKKAYA B., Demir U., BULU G.  
AEU - International Journal of Electronics and Communications, vol.177, 2024 (SCI-Expanded)
- II. **Antenna Port Selection in a Coordinated Cloud Radio Access Network**  
BULU G., Ahmad T., Gohary R. H., TOKER C., Yanikomeroğlu H.  
IEEE COMMUNICATIONS LETTERS, vol.21, no.3, pp.588-591, 2017 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **SPACE WEATHER STUDIES OF IONOLAB GROUP**  
ARIKAN F., SEZEN U., TOKER C., ARTUNER H., BULU G., DEMİR U., ERDEM E., Arikan O., Tuna H., Karatay S., et al.  
URSI Asia-Pacific Radio Science Conference (URSI AP-RASC), Seoul, South Korea, 21 - 25 August 2016, pp.1136-1139
- II. **Energy Efficient Power Control and Radio Resource Management in Multi-Connectivity Framework**  
HALILOĞLU Ö., TOKER C., BULU G., YÜKSEKKAYA B., Yanikomeroglu H.  
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1101-1104
- III. **Improved IONOLAB TEC Space Weather Service**  
ARIKAN F., SEZEN U., TOKER C., BULU G., ARTUNER H., KARATAY S.  
IRI 2015 Workshop KMITL, 9 - 13 November 2015
- IV. **Energy Efficient Radio Resource Management in a Coordinated Multi-Cell Distributed Antenna System**  
HALILOĞLU Ö., TOKER C., BULU G., Yanikomeroglu H.  
25th IEEE Annual International Symposium on Personal, Indoor, and Mobile Radio Communication (PIMRC), Washington, Kiribati, 2 - 05 September 2014, pp.872-876
- V. **Radio Resource Management in a Coordinated Cellular Distributed Antenna System By Using Particle Swarm Optimization**  
HALILOĞLU Ö., TOKER C., BULU G., Yanikomeroglu H.  
77th IEEE Vehicular Technology Conference (VTC), Dresden, Germany, 2 - 05 June 2013
- VI. **Generalized Coordinated Port Selection in a Multi-Cell Distributed Antenna System using Semidefinite Relaxation**  
BULU G., Ahmad T., Gohary R., Yanikomeroglu H., TOKER C.  
IEEE 24th International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), London, Canada, 8 - 11 September 2013, pp.1029-1033
- VII. **First Survey Results of Quantified User Behavior in User-in-the-Loop Scenarios for Sustainable Wireless Networks**  
Schoenen R., BULU G., Mirtaheri A., Beitelmal T., Yanikomeroglu H.  
76th IEEE Vehicular Technology Conference (VTC Fall), Quebec City, Canada, 3 - 06 September 2012
- VIII. **Spectral extrapolation of narrowband speech**  
BULU G., Bingol A. S.  
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.1046-1047

## Supported Projects

SAKA TANATAR B., KUMBAY YILDIZ Ş., ÖZGÜN Ö., AKTAŞ E., YILMAZ A., BULU G., Project Supported by Higher Education Institutions, Elektrik ve Elektronik Mühendisliği Bölümünün ABET Akreditasyonu, 2017 - 2022

AKTAŞ E., YILMAZ A., BULU G., ÖZGÜN Ö., Project Supported by Higher Education Institutions, Elektrik ve Elektronik Mühendisliği Bölümünün ABET Akreditasyonuna Başvurması, 2015 - 2018

BULU G., TÜBİTAK Project, GELECEK NESİL KABLOSUZ HABERLEŞME SİSTEMLERİ İÇİN DİNAMİK RADYO KAYNAK İDARESİ VE TAHSİSİ 112E024, 2012 - 2015

## Metrics

Publication: 10

Citation (WoS): 5

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1