

## Lect. VOLKAN GANGAL

### Personal Information

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### Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, Turkey 2015 - Continues

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, Turkey 2012 - 2015

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, Turkey 2008 - 2012

### Dissertations

Postgraduate, Kablosuz Algılayıcı Ağlarda Karınca Koloni Algoritmali Rotalama ile Enerji Etkin Rotalamanın İncelenmesi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği, 2015

### Research Areas

Wireless Communication, Telecommunication Applications, Communications and Network Protocols

### Academic Titles / Tasks

Lecturer, Karadeniz Technical University, Trabzon Meslek Yüksekokulu, Elektronik Ve Otomasyon, 2019 - Continues

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2014 - 2019

### Refereed Congress / Symposium Publications in Proceedings

- I. **Leach and AHP Based Clustering Algorithm For Wireless Sensor Networks**  
HACIOĞLU G., SESLİ E., GANGAL V., AYDIN V.  
5th International Conference on Advanced Technology & Sciences (ICAT'17), İstanbul, Turkey, 9 - 12 May 2017, pp.591-594
- II. **Ant Colony Based Dynamic Navigation for Trabzon City**  
GANGAL V., HACIOĞLU G.  
International Conference on Advanced Technology & Sciences (ICAT), Konya, Turkey, 1 - 03 September 2016, vol.1, pp.421-423
- III. **Performance Analysis of Positioning Based Velocity Estimation Methods for Vehicles in ITS**  
SESLİ E., HACIOĞLU G., GANGAL V.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1598-1601
- IV. **Energy Efficient Multihop Routing in Wireless Sensor Networks Based on Ant Colony Algorithm**

GANGAL V., HACIOĞLU G., SESLİ E.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015,  
pp.1877-1880

### **Edit Congress and Symposium Activities**

3rd International Conference on Advanced Technology & Sciences (ICAT'16), Attendee, Konya, Turkey, 2016

IEEE 23. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2015), Attendee, Malatya, Turkey, 2015

IEEE 22. Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SİU 2014), Attendee, Trabzon, Turkey, 2014

### **Citations**

Total Citations (WOS):1

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