

## Res. Asst. SERKAN VELA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-8043-2021

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### Education Information

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, Turkey 2018 - 2020

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, Turkey 2013 - 2018

### Foreign Languages

English, C2 Mastery

### Dissertations

Postgraduate, Görünür Işık Haberleşme Sistemlerinde Dikgen Olmayan Çoklu Erişim, Karadeniz Technical University, Mühendislik Fakültesi, Elektrik-Elektronik, 2020

### Research Areas

Communication Engineering, Signal Processing, Computer Networks, Artificial Intelligence, Computer Learning and Pattern Recognition, Electrical and Electronics Engineering, General Physics

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Of Teknoloji Fakültesi, Elektronik ve Haberleşme Mühendisliği, 2021 - Continues

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

- I. A novel approach to fair power allocation for NOMA in visible light communication**  
Vela S., Hacıoglu G.  
OPTICAL AND QUANTUM ELECTRONICS, no.9, 2024 (SCI-Expanded)
- II. Artificial Neural Network Modeling Techniques for Drying Kinetics of Citrus medica Fruit during the Freeze-Drying Process**

TOPAL M. E., ŞAHİN B., VELA S.  
Processes, vol.12, no.7, 2024 (SCI-Expanded)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. Kapalı Mekân Görünür Işık Haberleşmesinde Dikgen Olmayan Çoklu Erişim İçin Optimum Güç Tahsisi**  
Vela S., Türk K.  
EEMKON 2019 Elektrik Elektronik Mühendisliği Kongresi, İstanbul, Turkey, 14 - 16 November 2019, pp.1-4

## **Metrics**

Publication: 3