



## Personal Information

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## Research Areas

Signal Processing for Communication, Signal Processing Theory and Methods, Optics and Photonics

## Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Technology, Electrical and Electronics Engineering, 2021 - Continues

## Courses

Sayısal Haberleşme, Undergraduate, 2021 - 2022

Elektromanyetik Dalgalar, Undergraduate, 2021 - 2022, 2020 - 2021

Mikrodalga Tekniği, Undergraduate, 2021 - 2022

Lineer Cebir, Undergraduate, 2022 - 2023, 2021 - 2022

Bitirme Projesi, Undergraduate, 2021 - 2022, 2020 - 2021

Haberleşme Sistemleri, Undergraduate, 2022 - 2023, 2021 - 2022

Telekom Platformu, Postgraduate, 2022 - 2023

İzge Kestirimi, Postgraduate, 2021 - 2022

## Advising Theses

Özkan Bakbak P., Marmara Bölgesinde Güneş Enerji Santrali için CBS Verileri ile Uygun Yer Kararı, Postgraduate, S.Çetin(Student), 2023

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

- I. **Classification of sonar echo signals in their reduced sparse forms using complex-valued wavelet neural network**  
Bakbak P., Peker M.  
NEURAL COMPUTING & APPLICATIONS, vol.32, no.7, pp.2231-2241, 2020 (SCI-Expanded)
- II. **GA Optimization of the Optical Directional Coupler**  
Ozkan-Bakbak P.  
APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY JOURNAL, vol.32, no.12, pp.1136-1139, 2017 (SCI-Expanded)
- III. **High-resolution signal processing techniques for through-the-wall imaging radar systems**  
TÜRK A. S., Ozkan-Bakbak P., Durak Ata L., Orhan M., Unal M.

## Articles Published in Other Journals

I. **Sparse Sensing of FMCWR with DFrFT Basis and Reconstruction with Fewer Samples**

Özkan Bakbak P.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.0, no.0, 2024 (ESCI)

II. **Neural Boundary Conditions in Optic Guides**

BAKBAK ÖZKAN P.

International Journal of Intelligent Systems and Applications in Engineering, vol.3, no.3, pp.101-106, 2015 (Peer-Reviewed Journal)

## Metrics

Publication: 5

Citation (WoS): 9

Citation (Scopus): 14

H-Index (WoS): 2

H-Index (Scopus): 2