Asst. Prof. PINAR ÖZKAN BAKBAK

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 Enerjisi Santrali Kurulumu için Uygun Yer Seçiminde CBS Verileri ile Karar Verme, Postgraduate, S.Çetin(Student), Continues

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.

INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES, vol.8, no.6, pp.855-863, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. **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: 4
Citation (WoS): 9
Citation (Scopus): 14
H-Index (WoS): 2
H-Index (Scopus): 2