

## Asst. Prof. HASAN HÜSEYİN ÇELİK

### Personal Information

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**Address:** Marmara Ün. Teknoloji Fakültesi , Elektrik Elektronik Bölümü, Göztepe yerleşkesi Kadıköy/İstanbul

### Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Turkey 1991 - 1999

Postgraduate, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Haberleşme (YI) (Tezli), Turkey 1987 - 1990

Undergraduate, Yıldız Teknik Üniversitesi, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği Pr., Turkey 1982 - 1987

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Yapay Sinir Ağı Kullanarak El Yazısı Rakam Tanıma, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, 1999

Postgraduate, Mikrodenetleyici Destekli Ekran Sürücü Kartının Tasarlanması, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Haberleşme (YI) (Tezli), 1990

### Research Areas

Information Systems, Communication and Control Engineering, Signal Processing, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Neural Networks, Electrical and Electronics Engineering, Electronic, Electromagnetic, Engineering and Technology

### Academic and Administrative Experience

Head of Department, Marmara University, Faculty Of Technology, Electrical And Electronics Engineering, 2018 - 2020

### Courses

Mikrodenetleyici Tabanlı Donanım Yapıları, Postgraduate, 2018 - 2019, 2019 - 2020

Mikrodenetleyiciler ve Uygulamaları, Undergraduate, 2018 - 2019, 2019 - 2020

Endüstriyel Elektronik, Undergraduate, 2019 - 2020

Sinyaller ve Sistemler, Undergraduate, 2018 - 2019

Elektrik-Elektronik Mühendisliğine Giriş, Undergraduate, 2018 - 2019, 2019 - 2020

Mikrodenetleyiciler, Undergraduate, 2018 - 2019, 2019 - 2020

Yapay Sinir Ağları ve Uygulamaları, Postgraduate, 2019 - 2020

## Advising Theses

ÇELİK H. H. , Karınca ve sürü optimizasyon yöntemlerinin incelenmesi ve yazılım uygulamalarının oluşturulması, Postgraduate, C.Öztürk(Student), 2006

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Emotion recognition using time-frequency ridges of EEG signals based on multivariate synchrosqueezing transform**  
Mert A., ÇELİK H. H.  
BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK, vol.66, no.4, pp.345-352, 2021 (Journal Indexed in SCI)
- II. **Hyperspectral Image Classification Based on Multilayer Perceptron Trained with Eigenvalue Decay**  
Lokman G., ÇELİK H. H. , TOPUZ V.  
CANADIAN JOURNAL OF REMOTE SENSING, vol.46, no.3, pp.253-271, 2020 (Journal Indexed in SCI)
- III. **Harmonic Control Arrays Method With a Real Time Application to Periodic Position Control**  
DOĞRUEL M., ÇELİK H. H.  
IEEE TRANSACTIONS ON CONTROL SYSTEMS TECHNOLOGY, vol.19, no.3, pp.521-530, 2011 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **C-dump converter design and its dynamic analysis in simulink environment for a switch reluctance machine**  
Çalik H., Undil S. H. , ÇELİK H. H.  
International Journal of Engineering and Advanced Technology, vol.9, no.1, pp.5144-5148, 2019 (Refereed Journals of Other Institutions)
- II. **Tahribatsız Test Yöntemleri: Karşılaştırmalı Bir Derleme Çalışması**  
KARA O., ÇELİK H. H. , ERDAL H.  
Marmara Fen Bilimleri Dergisi, vol.29, pp.82-93, 2017 (Refereed Journals of Other Institutions)
- III. **Predicting the Mechanical Properties of BHA Li2O Composites Using Artificial Neural Networks**  
Çelik H. H. , Gündüz O., Ekren N., Ahmad Z., Oktar F. N.  
Journal of Biomaterials and Nanobiotechnology, vol.2, no.1, pp.98-101, 2011 (Refereed Journals of Other Institutions)

## Citations

Total Citations (WOS):7

h-index (WOS):1