

## Asst. Prof. MERAL ALTINAY

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: F-6403-2018

Yoksis Researcher ID: 153680

### Education Information

Doctorate, Kocaeli University, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, Turkey 1998 - 2005

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Elektrik Eğitimi Anabilim Dalı, Turkey 1996 - 1998

Undergraduate, Marmara University, Faculty Of Technical Education, Electric Education, Turkey 1990 - 1994

### Dissertations

Doctorate, Buck tipi darbe genişlik ayarlı (DGA) doğrultucunun geliştirilmiş durum uzay ortalama yöntemi ile modellenmesi, Kocaeli Üniversitesi, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, 2005

Postgraduate, Yüksek gerilim doğru akımla enerji iletim sistemlerinin incelenmesi, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Eğitimi Anabilim Dalı, 1998

### Academic Titles / Tasks

Assistant Professor, Kocaeli University, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, 2018 - Continues

Assistant Professor, Kocaeli University, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, 2006 - 2018

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

- I. **COMPARISON OF SINGLE PHASE BUCK-BOOST AND SEPIC LED DRIVER**  
ŞEHİRLİ E., ALTINAY M., Üstün Ö., ÇAKIR B.  
LIGHT & ENGINEERING, vol.25, no.4, pp.92-98, 2017 (SCI-Expanded)
- II. **COMPARISON OF A SINGLE PHASE LINEAR AND A BUCK-BOOST LED DRIVER**  
ŞEHİRLİ E., ALTINAY M., Cakir B.  
LIGHT & ENGINEERING, vol.23, no.3, pp.78-84, 2015 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Turkey's Energy Efficiency Policy Analysis and An Overview of Developments in US, EU countries and Japan**  
KADIOĞLU E. K., KAYA D., ALTINAY M.  
International Science and Engineering Applications Symposium on Hazards 2019, 25 - 27 September 2019

## II. Control of LCL Filter Based Voltage Source Converter

ŞEHİRLİ E., ALTINAY M.

14th International Power Electronics and Motion Control Conference (EPE-PEMC), Ohrid, Macedonia, 6 - 08 September 2010

## III. Simulation of Three - Phase Voltage Source Pulse Width Modulated (PWM) LCL Filtered Rectifier Based on Input - Output Linearization Nonlinear Control

ŞEHİRLİ E., ALTINAY M.

12th International Conference on Optimization of Electrical and Electronic Equipment, Brasov, Romania, 20 - 21 May 2010, pp.564-565

## IV. A Review on Use of Adsorption Refrigeration Systems in Motor Vehicle

ESEN D. Ö., ARICI M., ALTINAY M., TOSUNOĞLU T.

Fourth International Exergy Energy and Environment Symposium (IEEES4), 25 May 2009

## Supported Projects

ALTINAY M., Project Supported by Higher Education Institutions, GÜÇ FAKTÖR DÜZELTİMLİ (GFD) AA-DA DÖNÜŞTÜRÜCÜ YAPILARININ DOĞRUSAL OLMAYAN KONTROLÜ, 2013 - 2015

## Metrics

Publication: 7

Citation (WoS): 8

H-Index (WoS): 2

## Non Academic Experience

Kocaeli Üniversitesi

Hadim Endüstri Meslek Lisesi