

## Personal Information

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## Education Information

Doctorate, Istanbul Technical University, Enerji Enstitüsü, Enerji Bilim ve Teknoloji, Turkey 2019 - Continues

Postgraduate, Istanbul Technical University, Enerji Enstitüsü, Enerji Bilim ve Teknoloji, Turkey 2016 - 2019

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Mekatronik Mühendisliği, Turkey 2015 - 2019

Undergraduate, Istanbul Technical University, Elektrik-Elektronik, Kontrol Ve Otomasyon Mühendisliği, Turkey 2009 - 2015

## Dissertations

Postgraduate, Türkiye'nin farklı iklim bölgeleri için optimal fotovoltaik panel eğim açılarının belirlenmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2018

Postgraduate, Hibrit büyük patlama büyük çöküş-nelder mead algoritması kullanarak solar hücre parametre kestirimi, Istanbul Technical University, Enerji Enstitüsü, 2018

## Research Areas

Engineering and Technology

## Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Enerji Enstitüsü, 2016 - Continues

## Refereed Congress / Symposium Publications in Proceedings

- I. **Feasibility Analysis of Domestic Electricity Production from Rooftop Photovoltaic Systems in Three Provinces of Turkey**  
DUMAN A. C., DEVECİ K., GÖNÜL Ö., GÜLER Ö.  
International Conference on Sustainable Energy and Energy Calculations, 12 - 14 April 2019
- II. **Solar Cell Parameter Estimation using Hybrid Nelder-Mead and Big Bang Big Crunch Optimization Algorithms**  
GÖNÜL Ö., EROL O. K.  
7th International Conference on Applied Analysis and Mathematical Modeling (ICAAMM 2018), 20 - 24 June 2018
- III. **Mixed-integer linear programming based load scheduling optimization for smart homes in Turkey**  
DUMAN A. C., GÜLER Ö., GÖNÜL Ö., DEVECİ K.  
The 15th International Conference of Young Scientists on Energy Issues(CYSENI 2018), Kaunas, Lithuania, 23 - 25 May 2018
- IV. **Residential Load Scheduling Optimization for Demand-Side Management under Time-of-Use Rate**  
DUMAN A. C., GÜLER Ö., DEVECİ K., GÖNÜL Ö.

2018 6th International Istanbul Smart Grids and Cities Congress and Fair, ICSG 2018, 25 - 26 April 2018

**V. Residential Load Scheduling Optimization for Demand-Side Management under Time-of-Use Rate**

Duman A. C. , Güler Ö., Deveci K., Gönül Ö.

6th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), İstanbul, Turkey, 25 - 26 April 2018, pp.193-196

**VI. Design, Implementation and Control of Dual Axis Self Balancing Inverted Pendulum using Reaction Wheels**

TÜRKMEN A., Korkut M. Y. , ERDEM M., GÖNÜL Ö., SEZER V.

ELECO 2017 10th International Conference on Electrical and Electronics Engineering, 30 November - 02 December 2017

**VII. Reaksiyon Tekerleri ile Kendini İki Eksende Dengeleyebilen Ters Sarkaç Tasarımı, Üretimi ve Kontrolü**

TÜRKMEN A., KORKUT M. Y. , ERDEM M., GÖNÜL Ö., SEZER V.

Otomatik Kontrol Ulusal Toplantısı TOK 2017, Turkey, 21 - 23 September 2017

## **Citations**

Total Citations (WOS):12

h-index (WOS):1