

## Res. Asst. Mert Kesici

### Personal Information

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### Education Information

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Turkey 2016 - 2019

### Research Areas

Electrical and Electronics Engineering, Power System Analysis, Electric Power Transmission, Distribution and Protection, Renewable energy

### Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Elektrik Elektronik Fakültesi, Elektrik Mühendisliği, 2017 - Continues

### Refereed Congress / Symposium Publications in Proceedings

- I. **Improving the Performance of Transient Stability Prediction using Resampling Methods**  
SANER C. B. , KESİCİ M., YASLAN Y., GENÇ V. M. İ.  
11th INTERNATIONAL CONFERENCE on ELECTRICAL and ELECTRONICS ENGINEERING, 28 - 30 November 2019
- II. **Cost Sensitive Class-Weighting Approach for Transient Instability Prediction Using Convolutional Neural Networks**  
KESİCİ M., SANER C. B. , YASLAN Y., GENÇ V. M. İ.  
11th INTERNATIONAL CONFERENCE on ELECTRICAL and ELECTRONICS ENGINEERING, 28 - 30 November 2019
- III. **An Optimal PMU Placement Scheme for Early Prediction of Transient Instabilities in Power Systems**  
KESİCİ M., SANER C. B. , Mahdi M., YASLAN Y., GENÇ V. M. İ.  
2019 7th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), Istanbul, Turkey, 25 - 26 April 2019, pp.184-188
- IV. **Wide Area Measurement Based Online Monitoring and Event Detection Using Convolutional Neural Networks**  
KESİCİ M., SANER C. B. , Mahdi M., YASLAN Y., GENÇ V. M. İ.  
2019 7th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), Istanbul, Turkey, 25 - 26 April 2019, pp.223
- V. **Wide Area Measurement-based Transient Stability Prediction using Long Short-Term Memory Networks**  
SANER C. B. , KESİCİ M., Mahdi M., YASLAN Y., GENÇ V. M. İ.  
2019 7th International Istanbul Smart Grids and Cities Congress and Fair (ICSG), Istanbul, Turkey, 25 - 26 April 2019, pp.159

## **VI. Güç Sistemlerinde Geçici Hal Kararsızlığının Ağaç Tabanlı Makine Öğrenmesi**

Kesici M., Saner C. B. , Mahdi M., Yaslan Y., Genç V. M. İ.

GÜÇ SİSTEMLERİ KONFERANSI CIGRE Türkiye Ulusal Komitesi, Ankara, Turkey, 15 - 16 November 2018, pp.131-136

## **Scientific Refereeing**

IET GENERATION TRANSMISSION & DISTRIBUTION, SCI Journal, March 2020

## **Citations**

Total Citations (WOS):10

h-index (WOS):2

## **Awards**

Kesici M., Third Prize, Sedaş - Sakarya Elektrik Dağıtım A.Ş., May 2016

## **Non Academic Experience**

Business Establishment Private, Genetek Güç, Enerji, Elektrik Sist Özel Eğitim Ve Danışmanlık San.Tic.Ltd.Şti.