

## Res. Asst. DOĞAN CAN SAMUK

### Personal Information

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### Education Information

Doctorate, Karadeniz Technical University, Mühendislik/Fen Bilimleri, Elektrik-Elektronik, Turkey 2018 - Continues

Postgraduate, Karadeniz Technical University, Mühendislik/Fen Bilimleri, Elektrik-Elektronik, Turkey 2014 - 2017

Undergraduate, Karadeniz Technical University, Mühendislik/Fen Bilimleri, Elektrik-Elektronik, Turkey 2010 - 2014

### Research Areas

Electrical and Electronics Engineering, Energy, Power System Analysis, Protection Systems, Engineering and Technology

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

- I. **A new wide area-based algorithm to determine faulted line in series-compensated grid using k-nearest neighbor (k-NN) classification method**  
SAMUK D. C., NUROĞLU F. M.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.36, no.2, pp.871-882, 2021 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Analysis of multivariable objective functions for the PID controller tuned by a radial movement optimization**  
Samuk D. C., Çakır O.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.29, no.1, pp.23-29, 2023 (Peer-Reviewed Journal)
- II. **Temperature Control of an Electric Furnace with Intuitive Control Methods**  
Güney A., Temizkan M., Tekin S., Samuk D. C., Çakır O.  
Turkish Journal of Electromechanics and Energy, vol.5, no.1, pp.1-8, 2020 (Peer-Reviewed Journal)
- III. **Investigation of the effects of series capacitor on transmission network in steady state**  
Samuk D. C., NUROĞLU F. M.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.25, no.5, pp.577-585, 2019 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Advantages And Disadvantages of Using Series Capacitor on Transmission Lines**  
Samuk D. C., Nuroğlu F. M.

## **Metrics**

Publication: 5

Citation (WoS): 2

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1