

## Lect. MURAT ÇIKAN

### Personal Information

**Email:** mcikan@cu.edu.tr

**Web:** <https://avesis.cu.edu.tr/mcikan>

### International Researcher IDs

ORCID: 0000-0001-6723-5769

Yoksis Researcher ID: 225275

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

- I. **Maximum power point tracker design for photovoltaic systems under partial shading conditions by using cheetah optimizer algorithm** Çita optimizasyon algoritması kullanarak kısmi gölgelenme altındaki fotovoltaik sistemlerde maksimum güç noktası izleyicisinin tasarlanması  
ÇIKAN M.  
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.40, no.1, pp.555-572, 2024 (SCI-Expanded)
- II. **Reconfiguration of 123-bus unbalanced power distribution network analysis by considering minimization of current & voltage unbalanced indexes and power loss**  
NACAR ÇIKAN N., ÇIKAN M.  
International Journal of Electrical Power and Energy Systems, vol.157, 2024 (SCI-Expanded)
- III. **Comparison of metaheuristic optimization techniques including Equilibrium optimizer algorithm in power distribution network reconfiguration**  
Cikan M., KEKEZOĞLU B.  
ALEXANDRIA ENGINEERING JOURNAL, vol.61, no.2, pp.991-1031, 2022 (SCI-Expanded)
- IV. **Butterfly optimization algorithm based maximum power point tracking of photovoltaic systems under partial shading condition**  
Aygül K., Cikan M., Demirdelen T., Tumay M.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, 2019 (SCI-Expanded)

### Metrics

Publication: 4

Citation (WoS): 2

Citation (Scopus): 45

H-Index (WoS): 1

H-Index (Scopus): 2