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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Harmony Search Algorithm Based Management of Distributed Energy Resources and Storage Systems in Microgrids**

Ceylan O., SEZGİN M. E., GÖL M., Verga M., Lazzari R., Kwaye M. P., Sandroni C.
APPLIED SCIENCES-BASEL, vol.10, no.9, 2020 (SCI-Expanded)

- II. **A Model Predictive Control for Microgrids Considering Battery Aging**

Yılmaz U. C., SEZGİN M. E., GÖL M.
JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY, vol.8, no.2, pp.296-304, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Enerji Depolama Sistemlerinin Farklı Kullanım Zamanlarının Elektrik Sistemine Olan Etkisi**

SEZGİN M. E., GÜDELEK M. U., ARIN E., ÇIRAK C. R., GÖL M.
Fırat Üniversitesi Mühendislik Bilimleri Dergisi, vol.30, pp.7-14, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Stochastic Model Predictive Control for Microgrids Based on Monte Carlo Simulations**

Sezgin M. E., Pouralafi-Kheljan S., Beyarslan M., GÖL M.
57th International Universities Power Engineering Conference: Big Data and Smart Grids, UPEC 2022, İstanbul, Turkey, 30 August - 02 September 2022

- II. **Load and PV Generation Forecast Based Cost Optimization for Nanogrids with PV and Battery**

Gudelek M. U., Cirak C. R., ARIN E., SEZGİN M. E., Ozbayoglu A. M., Gol M.
53rd International Universities Power Engineering Conference, UPEC 2018, Glasgow, United Kingdom, 4 - 07 September 2018

- III. **DC Catenary Line Modeling of Subway Systems**

SEZGİN M. E., GÖL M.
IEEE-Power-and-Energy-Society General Meeting (PESGM), Oregon, United States Of America, 5 - 10 August 2018

- IV. **Enerji Depolama Sistemlerinin Farklı Kullanım Zamanlarının Elektrik Sistemine Olan Etkisi**

SEZGİN M. E., GÜDELEK M. U., ARIN E., ÇIRAK C. R., GÖL M.
1. Ulusal Elektrik Enerjisi Dönüşüm Kongresi (EL-EN), Elazığ, Turkey, 21 - 22 September 2017, pp.53-59

- V. **Voltage variation model for DC catenary line of a subway system**

SEZGİN M. E., GÖL M.
2017 IEEE Manchester PowerTech, Powertech 2017, Manchester, United Kingdom, 18 - 22 June 2017

Metrics

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H-Index (WoS): 2

H-Index (Scopus): 2