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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2021 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2020 - 2021

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, Turkey 2014 - 2019

Research Areas

Neural Networks, Energy, Power System Analysis, Renewable energy

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Electrical & Electronics, Electrical Engineering Department, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Energy Management Strategy of a Green Port Serving Emission-Free Ferries Considering EV Parking Lot Availability**
Ozdemir H., GÜLDORUM H. C., ERENOĞLU A. K., Sengor I., Hayes B. P., ERDİNÇ O.
IEEE Transactions on Intelligent Transportation Systems, 2023 (SCI-Expanded)
- II. **Management strategy for V2X equipped EV parking lot considering uncertainties with LSTM Model**
Güldorum H. C., Şengör İ., Erdinç O.
ELECTRIC POWER SYSTEMS RESEARCH, vol.212, 2022 (SCI-Expanded)
- III. **Optimal sizing and siting of different types of EV charging stations in a real distribution system environment**
Sengor I., Erenoglu A. K., Güldorum H. C., Erdinç O., Taşcıkaraoğlu A., Taştan İ. C., Büyük A. F., Catalão J. P. S.
IET RENEWABLE POWER GENERATION, vol.16, no.15, pp.3171-3183, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Multi-Objective EV Charging and Comfort Management Considering V2G Functionality and Distribution System Constraints**
Turkoglu A. S., GÜLDORUM H. C., ERDİNÇ O.
11th International Conference on Smart Grid, icSmartGrid 2023, Paris, France, 4 - 07 June 2023
- II. **Comparative Realistic Objectives Oriented Optimization Framework for EV Charging Scheduling in a Distribution System**
GÜLDORUM H. C., Erenoglu A. K., ERDİNÇ O., Sengor I.
3rd International Conference on Smart Grid and Renewable Energy, SGR 2022, Doha, Qatar, 20 - 22 March 2022
- III. **Energy management of a port serving fuel cell and battery based hybrid green ferries**
Ozdemir H., GÜLDORUM H. C., ERDİNÇ O., Sengor I.
4th International Conference on Smart Energy Systems and Technologies, SEST 2021, Virtual, Vaasa, Finland, 6 - 08 September 2021
- IV. **Charging Management System for Electric Vehicles considering Vehicle-to-Vehicle (V2V) Concept**
Araçlar Arası Enerji Aktarımını Dikkate Alan Elektrikli Araçlar için Şarj Yönetim Sistemi
GÜLDORUM H. C., Şengör İ., ERDİNÇ O.
12th International Conference on Electrical and Electronics Engineering, ELECO 2020, Bursa, Turkey, 26 - 28 November 2020, pp.188-192
- V. **An Interoperability Platform for Electric Vehicle Charging Service Considering Dual System Operator and Electric Vehicle Owner Sides**
GÜLDORUM H. C., ERENOĞLU A. K., ŞENGÖR İ., ERDİNÇ O., Catalao J. P. S.
2nd International Conference on Smart Energy Systems and Technologies, SEST 2019, Porto, Portugal, 9 - 11 September 2019

Supported Projects

Erdoğan O., Taşçıkaraoğlu A., TUBITAK Project, Elektrikli Araçların Dağıtım Şebekesinde Akıllı Şarj Yönetimi İçin Sistem Operatörü Karar Verme Mekanizmasının Geliştirilmesi, 2019 - 2021

Metrics

Publication: 8

Citation (Scopus): 6

H-Index (Scopus): 1