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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Abdullah Gul University, Fen Bilimleri Enstitüsü, Turkey 2015 - 2021

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, Turkey 2011 - 2015

Undergraduate, Sivas Cumhuriyet University, Mühendislik Fakültesi, Elektrik Elektronik Müh., Turkey 2007 - 2011

Dissertations

Doctorate, Development of Control Strategies in Smart Microgrids, Abdullah Gul University, Fen Bilimleri Enstitüsü, 2021

Postgraduate, Design and Simulation of DSTATCOM for Power Quality Improvements, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, 2015

Research Areas

Electrical and Electronics Engineering, Energy, Power System Analysis, Generating Stations and Plants, Electric Power Transmission, Distribution and Protection, Renewable energy

Academic Titles / Tasks

Research Assistant PhD, Abdullah Gul University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2021 - Continues

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2013 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. Dynamic rolling horizon control approach for a university campus

YOLDAŞ Y., GÖREN S., ÖNEN A., Ustun T. S.

ENERGY REPORTS, vol.8, pp.1154-1162, 2022 (SCI-Expanded)

II. Implementation of cost benefit analysis of vehicle to grid coupled real Micro-Grid by considering battery energy wear: Practical study case

Koubaa R., YOLDAŞ Y., GÖREN S., Krichen L., ÖNEN A.

ENERGY & ENVIRONMENT, vol.32, no.7, pp.1292-1314, 2021 (SSCI)

- III. **Optimal Control of Microgrids with Multi-stage Mixed-integer Nonlinear Programming Guided Q-learning Algorithm**
 YOLDAŞ Y., GÖREN S., ÖNEN A.
 JOURNAL OF MODERN POWER SYSTEMS AND CLEAN ENERGY, vol.8, no.6, pp.1151-1159, 2020 (SCI-Expanded)
- IV. **Implementation of capital deferral algorithm in real distribution systems considering reliability by managing major faults**
 YOLDAŞ Y., ÖNEN A., Broadwater R., ALAN İ.
 ELECTRICAL ENGINEERING, 2019 (SCI-Expanded)
- V. **Enhancing smart grid with microgrids: Challenges and opportunities**
 Yoldas Y., ÖNEN A., Muyeen S. M., Vasilakos A. V., ALAN İ.
 RENEWABLE & SUSTAINABLE ENERGY REVIEWS, vol.72, pp.205-214, 2017 (SCI-Expanded)
- VI. **Mitigation of power quality problems using distribution static synchronous compensator: a comprehensive review**
 Latran M. B., TEKE A., Yoldas Y.
 IET POWER ELECTRONICS, vol.8, no.7, pp.1312-1328, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Step by Step Design Procedure of a Distribution Static Synchronous Compensator DSTATCOM**
 TEKE A., YOLDAŞ Y., BARGHI LATRAN M.
 Çukurova University Journal of the Faculty of Engineering and Architecture, vol.30, no.1, pp.117-131, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Cloud Induced PV Impact on Voltage Profiles for Real Microgrids**
 Kocer M. C., Yoldas Y., GÖREN S., ÖNEN A., ALAN İ., Al-Agtash S., Azzopardi B., Martensen N., Martinez-Ramos J. L., Tzovaras D., et al.
 5th International Symposium on Environment-Friendly Energies and Applications (EFEA), Rome, Italy, 24 - 26 September 2018
- II. **Provision of Ancillary Services by a Smart Microgrid: An OPF Approach**
 Martinez-Ramos J. L., Marano-Marcolini A., Garcia-Lopez F. P., Almagro-Yravedra F., ÖNEN A., Yoldas Y., Khiat M., Ghomri L., Fragale N.
 International Conference on Smart Energy Systems and Technologies (SEST), Sevilla, Spain, 10 - 12 September 2018
- III. **Distribution Automation Effects on Reliability during Major Contingencies**
 Yoldas Y., ÖNEN A., ALAN İ., Broadwater R. P.
 18th IEEE International Conference on Harmonics and Quality of Power (ICHQP), Ljubljana, Slovenia, 13 - 16 May 2018
- IV. **A Profit Maximizing Integrated Model of Fleet Assignment and Aircraft Routing with Considerations of Flight Schedule Disturbances**
 SÜTÇÜ M., Yıldız B., YOLDAŞ Y.
 INFORMS Annual Meeting 2016, Nashville, United States Of America, 13 - 16 November 2016
- V. **FOTOVOLTAİK SİSTEMLERİN PERFORMANSINI ETKİLEYEN FAKTÖRLER**
 YOLDAŞ Y., TEKE A.
 VIII. Yenilenebilir Enerji Kaynakları Sempozyumu (YEKSEM), Turkey, 15 - 16 October 2015

Metrics

Publication: 12
Citation (WoS): 327
Citation (Scopus): 401
H-Index (WoS): 3
H-Index (Scopus): 5