

CURRICULUM VITAE

PERSONAL INFORMATION

Name and Surname : Ruhi Zafer ÇAĞLAYAN

EDUCATIONAL HISTORY

High School : Çankaya (Anatolia) High School

University : Gazi University Electrical Electronics Engineering (28.06.2021 Graduate)

Master of Science : Gazi University Electrical Electronics Engineering (Student)

WORK EXPERIENCE

- 1) Ostim Technical University Research Assistance 18.07.2022- 28.04.2023.

Publications

Caglayan, R.Z., Kayisli, K., Zhakiyev, N., Harrouz, A. & Colak, I. (2022, September 18-21). *A case study: Standalone hybrid renewable energy systems*. Paper presented at 11th IEEE International Conference on Renewable Energy Research and Application (ICRERA), İstanbul, Türkiye, Retrieved from <https://ieeexplore.ieee.org/document/9922792>

Caglayan, R.Z., Kayisli, K., Zhakiyev, N., Harrouz, A., & Colak, I. (2022). A review of hybrid renewable energy systems and MPPT methods. *International Journal of Smart Grid*, 6(3), 72-82. Retrieved from <https://www.ijsmartgrid.org/index.php/ijsmartgridnew>.

Kayışlı, K. & Caglayan, R.Z. (2022). Twisting sliding mode control based maximum power point tracking. *Balkan Journal of Electrical and Computer Engineering*, 10(4), 356-362 . doi: 10.17694/bajece.1137170.

Caglayan, R.Z., Kayisli, K., Roscia, M., Harrouz, A., Bayindir, R., & Colak, I. (2023). *PV&TEG Hybrid System controlled with Fuzzy based MPPT*. Paper presented at 11th IEEE International Conference on Smart Grid (ICSMARTGRID), Paris, France.

Academic Development Seminars Participation Certificates

- 1) Ostim Technical University Academic Development Seminars “Patent, Faydalı Model ve Tasarım Tescili” training attendance certificate 14.11.2022
- 2) Ostim Technical University Academic Development Seminars “Akademik Makale Yazım Teknikleri” training attendance certificate 16.11.2022
- 3) Ostim Technical University Academic Development Seminars “TÜBİTAK ve AR-GE Proje Yazımı” training attendance certificate 01.12.2022
- 4) Ostim Technical University In-Service Training Program “Eğiticinin Eğitimi” certificate of participation 08.02.2023-09.02.2023
- 5) Ostim Technical University In-Service Training Program “Temel Düzey Excel” certificate of participation 26.12.2023