

## **Personal Information**

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## **Research Areas**

Electrical and Electronics Engineering, Energy, Protection Systems, Power Electronics, Electrical Machine Theory and Design, Power Apparatus (transformers,reactors,switchgear,etc.), Engineering and Technology

## **Academic Titles / Tasks**

Assistant Professor, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, 2018 - Continues

Assistant Professor, Van Yüzüncü Yıl University, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, 2017 - 2018

## **Advising Theses**

Mamızadeh A., Değişken Frekanslı ve Yumuşak Anahtarlamalı Flyback Dönüştürücü Tasarımı ve Analizi, Postgraduate, M.Can(Student), 2019

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

- I. **DRY TYPE TRANSFORMER WINDING THERMAL ANALYSIS USING DIFFERENT NEURAL NETWORK METHODS**  
Askin D., Iskender I., Mamızadeh A.  
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.26, no.4, pp.905-913, 2011 (SCI-Expanded)
- II. **An improved nonlinear thermal model for MV/LV prefabricated oil-immersed power transformer substations**  
Iskender I., Mamızadeh A.  
ELECTRICAL ENGINEERING, vol.93, no.1, pp.9-22, 2011 (SCI-Expanded)
- III. **NONLINEAR THERMAL MODELING OF INDOOR AND OUTDOOR OIL-IMMERSED POWER TRANSFORMERS**  
Iskender I., Mamızadeh A.  
JOURNAL OF ELECTRICAL ENGINEERING-ELEKTROTECHNICKY CASOPIS, vol.60, no.6, pp.321-327, 2009 (SCI-Expanded)
- IV. **Thermal Capacitance Calculation of Top-Oil Temperature for Power Transformers**  
Iskender I., Mamızadeh A.  
INTERNATIONAL REVIEW OF ELECTRICAL ENGINEERING-IREE, vol.4, no.5, pp.882-886, 2009 (SCI-Expanded)

## Articles Published in Other Journals

### I. Planar Flyback Transformer Design for PV Powered LED Illumination

Mamizadeh A., Mustafa B. A., Genc N.

INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH, vol.11, no.1, pp.439-445, 2021 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

### I. PV Power Based Duty Cycle Control of Quasi-Resonant Inverter for Induction Cooking

Sular A., Mamizadeh A., Genç N., Karaca M.

8th International Conference on Renewable Energy Researches and Applications-ICRERA 2019, Brasov, Romania, 3 - 06 November 2019, pp.1-6

### II. Analysis of passive filters for PV inverters under variable irradiances

Karaca M., Mamizadeh A., Genç N., Sular A.

8th International Conference on Renewable Energy Research and Applications, ICRERA 2019, Brasov, Romania, 3 - 06 November 2019, pp.680-685

### III. PV power based duty cycle control of quasi-resonant inverter for induction cooking

Sular A., Mamizadeh A., Genç N., Karaca M.

8th International Conference on Renewable Energy Research and Applications, ICRERA 2019, Brasov, Romania, 3 - 06 November 2019, pp.804-809

### IV. FPGA Implementation of SPWM for Cascaded Multilevel Inverter by Using XSG

Hatas H., Genc N., Mamizadeh A.

4th International Conference on Power Electronics and their Applications (ICPEA), Elazığ, Turkey, 25 - 27 September 2019

### V. Analyzing and Comparing of Variable and Constant Switching Frequency Flyback DC-DC Converter

Taneri M. C., Genc N., Mamizadeh A.

4th International Conference on Power Electronics and their Applications (ICPEA), Elazığ, Turkey, 25 - 27 September 2019

### VI. Optimal Tuning of PI Controller for Boost DC-DC Converters Based on Cuckoo Optimization Algorithm

Mamizadeh A., Genc N., Rajabioun R.

7th International Conference on Renewable Energy Research and Applications (ICRERA), Paris, France, 14 - 17 October 2018, pp.677-680

### VII. Designing of Induction Motor Efficiency Monitoring System Without Using Torque meter and Speed Sensor

Mamizadeh A., Iskender I.

International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) / Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP), Brasov, Romania, 25 - 27 May 2017, pp.330-335

### VIII. A New Approach in Efficiency Analysis of Induction Motor Without Using Torquemeter and Encoder

Mamizadeh A., Iskender I.

8th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Ploiesti, Romania, 30 June - 02 July 2016

### IX. Evaluation and comparing the loss of life for outdoor and MV/LV prefabricated oil immersed power transformer based on nonlinear thermal models

Mamizadeh A., Iskender I.

7th International Conference on Electrical and Electronics Engineering, ELECO 2011, Bursa, Turkey, 1 - 04 December 2011

### X. Evaluation of permissible loading for indoor oil-immersed distribution transformers

Mamizadeh A., Iskender I.

6th International Conference on Electrical and Electronics Engineering, ELECO 2009, Bursa, Turkey, 5 - 08 November 2009

### XI. Analyzing and Comparing Thermal Models of Indoor and Outdoor Oil-Immersed Power Transformers

Mamizadeh A., Iskender I.

Bucharest PowerTech Conference, Bucharest, Romania, 28 June - 02 July 2009, pp.3042-3049

## **Metrics**

Publication: 16

Citation (WoS): 39

Citation (Scopus): 87

H-Index (WoS): 4

H-Index (Scopus): 6

## **Non Academic Experience**

Business Establishment Private, Electrotech Mühendislik Ltd. Şti.