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Education Information

Doctorate, Bursa Uludağ University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey
2000 - 2006

Postgraduate, Bursa Uludağ University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey
1998 - 2000

Undergraduate, Dokuz Eylül University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1993 -
1997

Academic Titles / Tasks

Lecturer PhD, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ, 1997 -
Continues

Courses

Otomatik Kontrol, Undergraduate, 2017 - 2018, 2016 - 2017

Mikroişlemciler, Undergraduate, 2017 - 2018, 2016 - 2017

MANTIK DEVRELERİ, Undergraduate, 2017 - 2018, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Keeping the Vehicle on the Road - A Survey on On-Road Lane Detection Systems**
YENİKAYA S., YENİKAYA G., Duven E.
ACM COMPUTING SURVEYS, vol.46, no.1, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **Microwave Drying of Automotive Industry Paint Sludge**
YENİKAYA S., SALİHOĞLU G., SALİHOĞLU N. K., YENİKAYA G.
JOURNAL OF HAZARDOUS TOXIC AND RADIOACTIVE WASTE, vol.22, no.4, 2018 (ESCI)
- II. **Numerical and Experimental Analysis of the Heating Performance of a Microwave Applicator Loaded with Sludge Material**
Mekonnen S. A., YENİKAYA S., YENİKAYA G.
JOURNAL OF HAZARDOUS TOXIC AND RADIOACTIVE WASTE, vol.22, no.4, 2018 (ESCI)
- III. **Effects of dielectric properties of the material located inside multimode applicator on microwave efficiency**

Mekonnen S. A., YENİKAYA S., YENİKAYA G., YILMAZ G.

Advances in Science, Technology and Engineering Systems, vol.3, no.3, pp.61-66, 2018 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **MICROWAVE ABSORBER DESIGN IN LAYERED STRUCTURE USING DIFFERENTIAL EVOLUTIONARY ALGORITHM**
YENİKAYA S., YENİKAYA G., Çoşkun A., Tozan M.
INTERNATIONAL CONFERENCE ON ENGINEERING TECHNOLOGIES, ICENTE'17., Konya, Turkey, 7 - 09 December 2017, pp.339-343
- II. **Microwave Drying of Sewage Sludge from a Wastewater Treatment Plant in Turkey**
SALİHOĞLU G., YENİKAYA S., SALİHOĞLU N. K., YENİKAYA G.
5th International Conference on Sustainable Solid Waste Management, Atina, Greece, 21 - 24 June 2017
- III. **Effects of Sample's Dielectric Property on the Performance of Microwave Heating**
Mekonnen S. A., YENİKAYA S., YENİKAYA G., YILMAZ G.
10th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 30 November - 02 December 2017, pp.1440-1443

Patent

- Çakır M. C., Erim M., Yenikaya G., POZİSYON BELİRLEME DÜZENLEĞİ, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2018/03886 , Standard Registration, 2021
- Çakır M. C., Yenikaya G., Erim M., A POSITION DETERMINATION MECHANISM, Patent, CHAPTER A Human Needs, The Invention Recourse Number: PCT/TR2019/050007 , Standard Registration, 2019
- Yenikaya G., Yenikaya S., DİKİŞ MAKİNELERİ İÇİN BİR İPLİK GERGİNLİĞİ TAKİP SİSTEMİ, Patent, CHAPTER G Physics, The Invention Recourse Number: 2018/07187 , Standard Registration, 2018
- Yenikaya G., Sevinç S., Üretilen parçaların bir master ile doğrulanması için bir yöntem ve sistem., Patent, CHAPTER G Physics, The Invention Recourse Number: 2014/08104 , Standard Registration, 2014
- Yenikaya G., Otomatik olarak trafik kural ihlallerinin tespiti ve cezai işlemlerin uygulanması, Patent, CHAPTER G Physics, The Invention Recourse Number: 2004/00136 , Standard Registration, 2004

Metrics

Publication: 7

Citation (WoS): 82

Citation (Scopus): 114

H-Index (WoS): 2

H-Index (Scopus): 3