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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: E-5095-2018

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Education Information

Doctorate, Cukurova University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Turkey 2016 - 2020

Postgraduate, Polytechnic Institute of New York, Electrical and Computer Engineering, Electrical and Computer Engineering, United States Of America 2009 - 2011

Foreign Languages

English, C1 Advanced

Research Areas

Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Cukurova University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2021 - Continues

Courses

Fundamentals of Photonics, Undergraduate, 2023 - 2024, 2022 - 2023

Fundamentals of Photonics, Undergraduate, 2023 - 2024, 2022 - 2023

Optoelectronics and Photonics, Postgraduate, 2023 - 2024

Signals and Systems, Undergraduate, 2023 - 2024

Logic Circuits, Undergraduate, 2023 - 2024, 2022 - 2023

Electrical and Electronics Engineering Fundamentals, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Logic Circuits, Undergraduate, 2023 - 2024, 2022 - 2023

Electrical and Electronics Engineering Fundamentals, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Fiber Optic Communication, Undergraduate, 2023 - 2024, 2022 - 2023

Fiber Optic Communication, Undergraduate, 2023 - 2024, 2022 - 2023

Electrical and Electronics Engineering Fundamentals, Undergraduate, 2021 - 2022

Fundamentals of Electrical and Electronics Engineering, Undergraduate, 2021 - 2022

Jury Memberships

Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, January, 2024

Doctorate, Doctorate, Çukurova Üniversitesi, December, 2022

Doctoral Examination, Doctoral Examination, Çukurova Üniversitesi, December, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Reconfiguration of 123-bus unbalanced power distribution network analysis by considering minimization of current & voltage unbalanced indexes and power loss**
NACAR ÇIKAN N., ÇIKAN M.
International Journal of Electrical Power and Energy Systems, vol.157, 2024 (SCI-Expanded)
- II. **Optimum allocation of multiple type and number of DG units based on IEEE 123-bus unbalanced multi-phase power distribution system**
Çıkan M., Cikan N.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.144, pp.108564-108565, 2023 (SCI-Expanded)
- III. **Data erasure in Fabry-Perot Diode Lasers: effects of facet reflectivity**
Cikan N., Aksoy M.
JOURNAL OF MODERN OPTICS, vol.67, no.6, pp.515-522, 2020 (SCI-Expanded)
- IV. **Data erasure analysis of FPLD based on remodulation bidirectional PON system**
Cikan N., AKSOY M.
JOURNAL OF MODERN OPTICS, vol.67, no.2, pp.139-145, 2020 (SCI-Expanded)
- V. **A Review of Self-Seeded RSOA Based on WDM PON**
CIKAN N., AKSOY M.
CANADIAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING-REVUE CANADIENNE DE GENIE ELECTRIQUE ET INFORMATIQUE, vol.42, no.1, pp.2-9, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **ELEKTRİKLİ ARAÇ ŞARJ İSTASYONLARININ ENERJİ DAĞITIM HATLARINA OPTİMUM ŞEKİLDE KONUMLANDIRILMASI**
Nacar Çıkan N.
KSÜ Mühendislik Bilimleri Dergisi, vol.27, no.2, pp.340-363, 2024 (Peer-Reviewed Journal)
- II. **Renksiz Kaynağın Pasif Optik Ağ Sisteminde Veri Silme Analizi**
NACAR ÇIKAN N., AKSOY M.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.36, no.1, pp.63-70, 2021 (Peer-Reviewed Journal)
- III. **Q FACTOR AND BER ANALYSIS OF A PON SYSTEM AT DIFFERENT DISTANCES IN BIDIRECTIONAL OPTICAL FIBER COMMUNICATION**
NACAR ÇIKAN N., AKSOY M.
Advanced Research in Electrical Electronics Systems (AREES), vol.2, no.2, pp.44-50, 2017 (Peer-Reviewed Journal)
- IV. **A 10-GS/s 3 bit Flash ADC in 180 nm CMOS**
Nacar Çıkan N., AKSOY M.
Advanced Research in Electrical Electronics Systems (AREES), vol.2, no.1, pp.1-6, 2017 (Peer-Reviewed Journal)
- V. **Analog Dijital Çeviricilerin İncelenmesi**
NACAR ÇIKAN N., AKSOY M., Büyükgüzel B.
Kahramanmaraş Sutcu Imam University Journal of Engineering Sciences, vol.19, no.3, pp.1-194, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **PV SİSTEMLER İÇİN KULLANILAN GELENEKSEL MPPT TEKNİKLERİNİN HIZLI DEĞİŞEN SOLAR RADYASYON VE SICAKLIK ALTINDA KARŞILAŞTIRILMASI**
ŞEKER M., NACAR ÇIKAN N.
in: MUHENDİSLİK VE MİMARLIK BİLİMLERİ Teori, Güncel Araştırmalar ve Yeni Eğilimler-2, , Editor, IVPE, Centinje, pp.95-114, 2020
- II. **DALGA BOYU BÖLMELİ ÇOĞULLAMALI PASİF OPTİK AĞLARDA FARKLI MODÜLASYON TEKNİKLERİNİN KARŞILAŞTIRILMASI**
NACAR ÇIKAN N., ŞEKER M.
in: MÜHENDİSLİK VE MİMARLIK BİLİMLERİ Teori, Güncel Araştırmalar ve Yeni Eğilimler-2, , Editor, IVPE, Centinje, pp.115-132, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of the Most Suitable Method for Long-Haul Transmission by Applying hybrid WDM PON and QAM-OFDM PON Techniques**
Alkan M. L., NACAR ÇIKAN N., AKSOY M.
The 5th International Engineering Research Symposium (INERS'24), 7 - 09 March 2024, pp.319-325
- II. **Comparison of NRZ and RZ in Bidirectional Fiber Communication**
NACAR ÇIKAN N., AKSOY M.
International Mediterranean Science and Engineering Congress (IMSEC), Adana, Turkey, 25 - 27 October 2017, pp.1621-1627
- III. **Low Cost and Colorless Solution for WDM PON Systems**
NACAR ÇIKAN N., AKSOY M.
International Mediterranean Science and Engineering Congress (IMSEC), Adana, Turkey, 25 - 27 October 2017, pp.1615-1620
- IV. **Q FACTOR AND BER ANALYSIS OF A PON SYSTEM AT DIFFERENT DISTANCES IN BIDIRECTIONAL OPTICAL FIBER COMMUNICATION**
NACAR ÇIKAN N., AKSOY M.
INTERNATIONAL ENGINEERING CONFERENCE(IEC), Antalya, Turkey, 19 - 21 October 2017, pp.28-34
- V. **STATIC AND DYNAMIC CHARACTERISTICS OF FLASH ANALOG TO DIGITAL CONVERTER**
Nacar Çıkan N., AKSOY M.
INTERNATIONAL ENGINEERING CONFERENCE(IEC), Antalya, Turkey, 19 - 21 October 2017, pp.173-180
- VI. **4 bit Flash Analog to Digital Converter**
NACAR ÇIKAN N., AKSOY M.
3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES, Budapest, Hungary, 3 - 07 May 2017
- VII. **A Review of Emerging Optical Access Solutions for Broadband Access**
NACAR ÇIKAN N., AKSOY M.
3RD INTERNATIONAL CONFERENCE ON ENGINEERING AND NATURAL SCIENCES(ICENS), Budapest, Hungary, 3 - 07 May 2017, pp.238-243
- VIII. **HYBRID TYPE OF PHOTONIC ANALOG TODIGITAL CONVERTERS**
NACAR ÇIKAN N., AKSOY M.
ICAT, Roma, Italy, 23 - 26 November 2016
- IX. **A 10 GS s 3 bit Flash ADC in 180 nm CMOS**
NACAR ÇIKAN N., AKSOY M.
INESEG, Turkey, 1 - 03 December 2016
- X. **ANALOG DİJİTAL ÇEVİRİCİLERİN PERFORMANS BELİRLEYİCİPARAMETRELERİ**
NACAR ÇIKAN N., AKSOY M.

INESEG, Turkey, 1 - 03 December 2016

XI. Analog to Digital Converters Performance Evaluation Using Figure of Merits in Industrial Applications

CIKAN N., AKSOY M.

10th UKSim-AMSS European Modelling Symposium on Computer Modelling and Simulation (EMS), Pisa, Italy, 28 - 30 November 2016, pp.205-209

Metrics

Publication: 23

Citation (WoS): 27

Citation (Scopus): 26

H-Index (WoS): 3

H-Index (Scopus): 2