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Personal Information

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Education Information

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

Post Graduate, 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

Research Assistant PhD, Cukurova University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2015 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Q FACTOR AND BER ANALYSIS OF A PON SYSTEMAT 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 (Refereed Journals of Other Institutions)

II. Q FACTOR AND BER ANALYSIS OF A PON SYSTEM AT DIFFERENT DISTANCES IN BIDIRECTIONAL OPTICAL FIBER COMMUNICATION

Nacar Çıkan N., AKSOY M.

Advanced Research in Electrical Electronics Systems (AREES), vol.2, no.2, pp.44-50, 2017 (Refereed Journals of Other Institutions)

III. 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 (Refereed Journals of Other Institutions)

IV. 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 (Other Refereed National Journals)

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. 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

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. 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

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. 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

- VI. **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
- VII. **HYBRID TYPE OF PHOTONIC ANALOG TODIGITAL CONVERTERS**
NACAR ÇIKAN N., AKSOY M.
ICAT, Roma, Italy, 23 - 26 November 2016
- VIII. **A 10 GS s 3 bit Flash ADC in 180 nm CMOS**
NACAR ÇIKAN N., AKSOY M.
INESEG, Turkey, 1 - 03 December 2016
- IX. **ANALOG DİJİTAL ÇEVİRİCİLERİN PERFORMANS BELİRLEYİCİ PARAMETRELERİ**
NACAR ÇIKAN N., AKSOY M.
INESEG, Turkey, 1 - 03 December 2016
- X. **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

Citations

Total Citations (WOS):8

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