Asst. Prof. HASAN ÇİÇEKLİ

Personal Information

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International Researcher IDs
ScholarID: MkzpnAYAAAAJ
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Education

Doctorate, Hatay Mustafa Kemal University, FEN BİLİMLERİ ENSTİTÜSÜ, Turkey 2012 - 2022
Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği, Turkey 2001 - 2003
Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, Turkey 1989 - 1993

Foreign Languages

English

Dissertations

Doctorate, Analog tümdevre tasarımına uygun MOS-C tabanlı yeni sinüzoidal osilatör ve süzgeç topolojileri, Hatay Mustafa Kemal University, FEN BİLİMLERİ ENSTİTÜSÜ, 2022
Postgraduate, Synthesis of electronically tunable sinusoidal oscillators and filters, Cukurova University, 2003

Research Areas

Electrical and Electronics Engineering, Electronic, Electronic Circuits

Academic Positions

Assistant Professor, Hatay Mustafa Kemal University, ANTAKYA MESLEK YÜKSEKOKULU, ELEKTRONİK VE OTOMASYON BÖLÜMÜ, 2022 - Continues
Lecturer, 1994 - 2022

Academic and Administrative Experience

2009 - Continues

Courses

Associate Degree

Programlanabilir Denetleyiciler (Elektronik Teknolojisi), Associate Degree, 2023-2024
Mikrodenetleyiciler, Associate Degree, 2023-2024, 2022-2023, 2014-2015
Sistem Analizi ve Tasarımı-I, Associate Degree, 2023-2024, 2022-2023, 2014-2015
İleri Mikrodenetleyiciler, Associate Degree, 2023-2024, 2022-2023, 2014-2015
Programlanabilir Denetleyiciler (Elektrik), Associate Degree, 2023-2024
Sayısal Elektronik, Associate Degree, 2023-2024, 2022-2023, 2014-2015
Araştırma Yöntem ve Teknikleri, Associate Degree, 2023-2024, 2022-2023, 2014-2015
Sistem Analizi ve Tasarımı-II, Associate Degree, 2022-2023, 2014-2015
Programlanabilir Denetleyiciler, Associate Degree, 2022-2023, 2014-2015
Sayısal Tasarım, Associate Degree, 2014-2015

Journal articles indexed in SCI, SSCI, and AHCI

I. **Mos-c based electronically tuneable current/voltage-mode third order quadrature oscillator and biquadratic filter realization**
ÇİÇEKLİ H., Gokcen A.
Elektronika ir Elektrotechnika, vol.27, no.3, pp.38-49, 2021 (SCI-Expanded)

II. **A new MOS-C multifunction filter and its third order oscillator application**
ÇİÇEKLİ H., Gökçen A.
Journal of Molecular Structure, vol.1220, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. **Current Operational Amplifier Based Voltage-Mode MOS-C All-Pass Filter and Its Application**
Çiçekli H., karacan i., GÖKÇEN A.
Politeknik Dergisi, vol.23, no.2, pp.409-414, 2020 (ESCI)

II. **Single Active Element Based Variable Gain Multifunction Filter withMOS-C Implementation**
ÇİÇEKLİ H., GÖKÇEN A.
WSEAS TRANSACTIONS ON CIRCUITS AND SYSTEMS, no.18, pp.39-43, 2019 (Peer-Reviewed Journal)

III. **Synthesis of Voltage Mode All pass Filter Employing Single Current Operational Amplifier**
ÇİÇEKLİ H., GÖKÇEN A.
INTERNATIONAL JOURNAL OF COMMUNICATIONS, vol.10, pp.76-79, 2016 (Peer-Reviewed Journal)

IV. **New Voltage Mode All pass Filter Topology Employing Single Current Operational Amplifier**
ÇİÇEKLİ H., GÖKÇEN A.
NESciences Natural and Engineering Sciences an International Journal, vol.1, no.1, pp.16-22, 2016 (Peer-Reviewed Journal)

V. **Composite Second Generation Current Conveyor Based Tunable MOS-C Quadrature Sinusoidal Oscillator Design and Comparative Performance Analysis**
ÇİÇEKLİ H., GÖKÇEN A.
WSEAS TRANSACTIONS ON CIRCUITS AND SYSTEMS, vol.14, pp.489-494, 2015 (Peer-Reviewed Journal)

VI. **Comparative Performance Analysis of Nonlinearity Cancellation Techniques for MOS C Realization in Integrator Circuits**
ÇİÇEKLİ H., GÖKÇEN A., ÇAM U.
International Journal of Electrical, Computer, Energetic, Electronic and Communication Engineering, vol.9, no.10, pp.1127-1134, 2015 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **MOS-C IMPLEMENTATION OF SECOND ORDER QUADRATURE SINUSOIDAL OSCILLATOR EMPLOYING INVERTING SECOND GENERATION CURRENT CONVEYOR (ICCII)**
Çiçekli H., Gökçen A.
6TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Trabzon, Turkey, 23 - 25 August 2024, (Summary Text)

II. **MOS-C First Order All-Pass Filter Design Using Single Current Operational Amplifier**
ÇİÇEKLİ H., KARACAN İ., GÖKÇEN A.
International Conference on Engineering Technologies, 7 - 09 December 2017, (Summary Text)

III. **An Application to Improve Circuit Performance of a Multifunction Analog Filter Using Inverting Composite Current Conveyor**
ÇİÇEKLİ H., GÖKÇEN A.
6th International Conference on Advanced TechnologyScience, 12 - 15 September 2017, (Full Text)

IV. **Synthesis of Voltage Mode All pass Filter Employing Single Current Operational Amplifier**
ÇİÇEKLİ H., GÖKÇEN A.
SCSI 2016 International Conference on Systems, Control, Signal Processing and Informatics, Riga, Latvia, 28 - 30 May 2016, (Full Text)

V. **Realization of Tuneable MOS C Quadrature Sinusoidal Oscillator Using Composite Current Conveyor**
ÇİÇEKLİ H., GÖKÇEN A.
19th International Conference on Circuits, Systems, Communications and Computers (CSCC 2015), Zakynthos, Greece, 16 - 20 July 2015, pp.73-76, (Full Text)

VI. **Tek Akım İşlemsel Yükselteç Kullanarak Gerilim Modlu Çok Fonksiyonlu Süzgeç Tasarımı (Design of voltage-mode multifunction filter using single current operational amplifier)**
ÇİÇEKLİ H., GÖKÇEN A.
2014 22nd Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.381-384, (Full Text)

VII. **Design of voltage-mode multifunction filter using single current operational amplifier Tek akim işlemsel kuvvetlendiricisi kullanarak gerilim modlu çok fonksiyonlu süzgeç tasarimi**
ÇİÇEKLİ H., Gökçen A.
2014 22nd Signal Processing and Communications Applications Conference, SIU 2014, Trabzon, Turkey, 23 - 25 April 2014, pp.381-384, (Full Text)

VIII. **Farksal Akimli Geçiş İletkenliği Kuvvetlendiricisi Tabanli Gerilim Modlu Çentik Süzgeç Gerçeklenmesi (Realization of voltage mode notch filter based on current differencing transconductance amplifier)**
ÇİÇEKLİ H., GÖKÇEN A.
21st Signal Processing and Communications Applications Conference (SIU), 23 - 26 April 2013, (Full Text)

IX. **Kompozit Taşıyıcı Kullanarak İkinci Dereceden Yüksek Performanslı Akım Modlu Aktif Süzgeç Gerçeklenmesi**
ÇİÇEKLİ H., AKSOY M.
Elektrik-Elektronik Bilgisayar Mühendisliği Sempozyumu ELECO'2004, Turkey, 8 - 12 December 2004, pp.78-81, (Full Text)

X. **Akım Geri beslemeli OTA Kullanarak İkinci Dereceden Yüksek Geçiren Aktif Süzgeç Gerçeklenmesi**
ÇİÇEKLİ H., AKSOY M.
Elektrik-Elektronik-Bilgisayar Müh. 10. Ulusal Kongresi Bildiri Kitabı, Turkey, 18 - 21 September 2003, pp.303-306, (Full Text)

Funded Projects

ÇİÇEKLİ H., Erasmus Öğrenim Hareketliliği (Visitor Lecturer), Litvanya, 2015 - 2015
ÇİÇEKLİ H., Other International Funding Programs, Athena Student Exchange Project (Instructor), Sweden, 2013 - 2013

Peer Reviews in Scientific Publications

Other journals, January 2017

Metrics

Publication: 18
Citation (Scopus): 13
H-Index (Scopus): 3

Non Academic Experience

Ölçsan CAD Teknolojileri A.Ş., Teknik Destek Müh.