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EĞİTİM BİLGİLERİ:

Doktora: (2017) Elektronik ve Haberleşme Mühendisliđi, İstanbul Teknik Üniversitesi, İstanbul, Türkiye.

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Lisans: (2010) Elektrik-Elektronik Mühendisliđi, Hacettepe Üniversitesi, Ankara, Türkiye.

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|-------------|----------------|---|
| 2017- halen | Dr. Öğr. Üyesi | Elektrik-Elektronik Mühendisliđi, Bartın Üniversitesi, Bartın, Türkiye. |
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| 2011- 2016 | Arş. Gör. | Elektronik ve Haberleşme Mühendisliđi, İstanbul Teknik Üniversitesi, İstanbul, Türkiye. |
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YAYIMLANMIŞ MAKALELER (SCI indeks):

1. Alaybeyoglu, E. (2018) "A New Implementation of Capacitor Multiplier with Cell-Based Variable Transconductance Amplifier." IET Circuits, Devices & Systems.
2. Alaybeyođlu E., Kuntman H. (2018). "A new implementation of the reconfigurable analog baseband low pass filter with cell-based variable transconductance amplifier." Analog Integrated Circuits and Signal Processing: 1-10.
3. Özenli D. Alaybeyođlu E., Çiçekođlu O., Kuntman H. (2018). "MOSFET-Only Filter Design Automation Based on Polynomial Regression with Exemplary Circuits." AEU-International Journal of Electronics and Communications.
4. Alaybeyođlu E., Kuntman H. (2016). "A new frequency agile filter structure employing CDTA for positioning systems and secure communications." Analog Integrated Circuits and Signal Processing 89(3): 693-703.
5. Alaybeyođlu E., Kuntman H. (2016). "CMOS implementations of VDTA based frequency agile filters for encrypted communications." Analog Integrated Circuits and Signal Processing 89(3): 675-684.
6. Alaybeyođlu E., Kuntman H. (2016). "A new CMOS ZC-CDTA realization and its filter applications." Turkish Journal of Electrical Engineering & Computer Sciences 24(3): 746-761.
7. Alaybeyođlu E., Güney A., Altun M., Kuntman H. (2014). "Design of positive feedback driven current-mode amplifiers Z-Copy CDCA and CDTA, and filter applications." Analog Integrated Circuits and Signal Processing 81(1): 109-120.

YAYIMLANMIŞ KONFERANS MAKALELERİ:

1. Alaybeyoğlu E. (2018). " A new circuit design for the capacitor multiplier with cell-based variable transconductance amplifier." Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey.
2. Alaybeyoğlu E., Ugranlı F. (2018). " A new approach for electronic design automation of analog building blocks." Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey.
3. Alaybeyoğlu E., Kuntman H. (2017). " A New Method to Design Multi-Standard Analog Baseband Low-Pass Filter." Electrical and Electronics Engineering (ELECO), Bursa, Turkey.
4. Alaybeyoğlu E., Kuntman H. (2017). " A New Current Mode Implementation of the Reconfigurable Analog Baseband Low Pass Filter with Cell-Based Variable Transconductance Amplifier." International Conference on Electronics, Circuits and Systems (ICECS), Batumi, Georgia.
5. Alaybeyoğlu E., Kuntman H. (2017). " A new VDTA based frequency agile filter." International Conference on Infocom Technologies and Unmanned Systems, Dubai, United Arab Emirates.
6. Alaybeyoğlu E., Kuntman H. (2015). " A new VDTA based frequency agile filter." Electrical and Electronics Engineering (ELECO), Bursa, Turkey.
7. Alaybeyoğlu E., Kuntman H. (2015). " A new reconfigurable filter structure employing CDTA for positioning systems." Electrical and Electronics Engineering (ELECO), Bursa, Turkey.
8. Alaybeyoğlu E., Kuntman H. (2014). " High Performance Frequency Agile Filter Structure Designed with MOS-Only." Electrical and Electronics Engineering (ELECO), Bursa, Turkey.
9. Alaybeyoğlu E., Atasoyu M., Kuntman H. (2014). " Frequency agile filter structure improved by MOS-only technique." Telecommunications and Signal Processing (TSP), Berlin, Germany.
10. Atasoyu M., Alaybeyoğlu E., Kuntman H. (2014). " Low power frequency agile filter application for different GPS protocols." Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey.
11. Atasoyu M., Alaybeyoğlu E., and Kuntman H. (2014). " Reconfigurable filter structure designed for different positioning systems " Applied Electronics (AE), Pilsen, Czech Republic.
12. Alaybeyoğlu E., et al. (2013). " Low input impedance current differencing unit for current mode active devices improved by positive feedback and ZC-CDBA filter application " Electrical and Electronics Engineering (ELECO), Bursa, Turkey.
13. Alaybeyoğlu E., Güney A., Kuntman H. (2013). " A new CMOS ZC-CDBA realization and its new filter application." EUROCON, Zagreb, Croatia.
14. Alaybeyoğlu E., Kuntman H., Güney A. (2013). " ZC-CG-CDBA CMOS realization and frequency agile filter application." Signal Processing and Communications Applications Conference (SIU), Girne, Northern Cyprus.
15. Güney A., Alaybeyoğlu E., Kuntman H. (2013). " New CMOS realization of Z copy voltage differencing buffered amplifier and its current-mode filter application." Design & Technology of Integrated Systems in Nanoscale Era (DTIS), Abu Dhabi, United Arab Emirates.
16. Alaybeyoğlu E., Kuntman H. (2012). " A New CMOS ZC-CDTA Realization and Its Filter Application." Electrical and Electronics Engineering (ELECO), Bursa, Turkey.