

## Res. Asst. ALİ ŞENTÜRK

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Müh., Turkey 2009 - 2014

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2006 - 2009

Undergraduate, Cukurova University, Mühendislik Mimarlık Fak., Elektrik Elektronik Müh., Turkey 2001 - 2006

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Sequential Large Multiplier Designs for FPGAs, Cukurova University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Mühendisliği, 2014

Postgraduate, Reduced Instruction Set Processors Design, Cukurova University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2009

### Research Areas

Computer Sciences, Information Security and Reliability, Cryptography, Equipment, Processor Architectures, Integrated Circuits, Application Based Architecture, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Cukurova University, Mühendislik Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2007 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Single and multiple precision sequential large multipliers for field-programmable gate arrays**  
ŞENTÜRK A., GÖK M.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.4, pp.2961-2973, 2016  
(SCI-Expanded)
- II. **Sequential Large Multipliers on FPGAs**

Şentürk A., Gök M.

JOURNAL OF SIGNAL PROCESSING SYSTEMS FOR SIGNAL IMAGE AND VIDEO TECHNOLOGY, vol.81, pp.137-152, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **FPGA'lar için Ardışık Büyük Tam Sayı Kare Alıcılar**  
ŞENTÜRK A., GÖK M.  
ÇUKUROVA ÜNİVERSİTESİ MÜHENDİSLİK MİMARLIK FAKÜLTESİ DERGİSİ, vol.29, no.1, pp.157-163, 2014 (Peer-Reviewed Journal)
- II. **The psychopathology in patients with chronic renal failure treated with hemodialysis Hemodiyalize giren kronik böbrek yetmezliği olan hastalarda psikopatoloji**  
ŞENTÜRK A., LEVENT B., Tamam L.  
Ondokuz Mayıs Üniversitesi Tıp Dergisi, vol.17, no.3, pp.163-172, 2000 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Mastrovito Multiplier Performance Enhancements on Reconfigurable Hardware**  
ŞENTÜRK A., SİNEKLİ R.  
1st International Mediterranean Science and Engineering Congress, Adana, Turkey, 26 - 28 October 2016, pp.3552-3556
- II. **JSON and XML Performance Comparisons in a RESTful Web Service**  
ŞENTÜRK A., KORKMAZ T.  
1st International Mediterranean Science and Engineering Congress, 26 - 28 October 2016, pp.3815-3821
- III. **Tarımda Enerji Kullanımı ve Enerji Verimliliği**  
Şahin Y., GÜRSEL K., Şahin M., ŞENTÜRK A., TİMUR G., AKDEMİR Ş.  
1. Ulusal Biyosistem Mühendisliği Kongresi, Turkey, 9 - 11 June 2015
- IV. **Pipelined Large Multiplier Designs on FPGAs**  
ŞENTÜRK A., GÖK M.  
2012 15th Euromicro Conference on Digital System Design, Cesme, Izmir, Turkey, 5 - 08 September 2012
- V. **A Fast Modular Multiplication Method**  
ŞENTÜRK A., GÖK M.  
2010 Sixth International Conference on Intelligent Information Hiding and Multimedia Signal Processing, Darmstadt, Germany, 15 - 17 October 2010
- VI. **A Proposal for Modular Multiplication**  
ŞENTÜRK A., GÖK M.  
4th International Information, Security and Cryptography Conference, Ankara, Turkey, 05 May 2010, pp.403-405
- VII. **32-Bit İndirgenmiş Komut Setli İşlemci Tasarımı**  
ŞENTÜRK A., Gök M.  
Çukurova Üniversitesi Mühendislik Mimarlık Fakültesi 30. Yıl Sempozyumu, Adana, Turkey, 16 - 17 October 2008, pp.1-5

## Metrics

Publication: 11

Citation (WoS): 2

Citation (Scopus): 20

H-Index (WoS): 1

H-Index (Scopus): 2