

# Curriculum Vitae

## Personal Information

Name Surname : İbrahim IŞIK  
Place and Date of Birth : Sanliurfa/1987  
Adress : Inonu University, Engineering Faculty, Electrical & Electronics Eng.  
Dept.,  
44280 Malatya/TURKEY  
E-mail : ibrahim.isik@inonu.edu.tr  
Marital Status : Married/1 Son  
Nationality : Turkey

## Education Information

2006-2012 : B.Sc. Electrical Electronics Eng., Gaziantep University, TURKEY  
2012-2014 : M.Sc. Electrical Electronics Eng., Inonu University, TURKEY  
2014- : Ph.D. Electrical Electronics Eng., Inonu University, TURKEY

## Research Interests

- 1- Nanonetworks
- 2- Molecular Communication
- 3- FPGA
- 4- Wireless Communication

## Publications

### Dissertation:

1. **Isik I.**, "Error Analysis of Symbolic Modulation in Broadband Wireless Networks" M.Sc. Thesis, Engineering Faculty, Electrical & Electronics Eng. Dept., Malatya, TURKEY, 2014.

### International Indexed Publications:

- 1- S. E. Hamamcı, **I. Isik**, "Stabilization of Switched Systems Using Only A Single Fractional Order PI Controller", Balkan Journal of Electrical & Computer Engineering, Vol.2, No.3, 2014.

### International Conference Publications:

1. **I. Isik.**, M. E. Tagluk, "Comparison of HDL Coder and System Generator Tools in terms of QPSK Analysis", 2nd International Conference on Artificial Intelligence and Data Processing (IDAP17), Malatya, Sep. 2017.
2. **I. Isik.**, H. B. Yilmaz, M. E. Tagluk, "A Preliminary Investigation of Receiver Models in Molecular Communication via Diffusion", 2nd International Conference on Artificial Intelligence and Data Processing (IDAP17), Malatya, Sep. 2017.

3. **I Isik**, E. Isik, “Analysis of Receptor Models in Molecular Communication Via Diffusion”, ICADET’17, Bayburt, Sep. 2017.
4. E. Isik., **I Isik**, “Fpga Based Analysis Methods in TL and OSL Studies”, 2nd International Energy and Engineering Conference, Gaziantep, Oct. 2017.
5. **I Isik**, E. Isik, “Analysis Methods in Molecular Communication via Diffusion”, 2nd International Energy and Engineering Conference, Oct. 2017.

#### **National Conference Publications:**

- 1- S. E. Hamamcı, V. Gögebakan, **I. Isık**, ‘A New Chaotic System With Chaos Entanglement’, Signal Processing and Communication Application (SIU’15), Inonu University, Malatya, 16-19 May 2015.
- 2- S. E. Hamamcı, M. Köksal, V. Gögebakan, **I. Isık**, ‘Control of MIMO systems with distorting model method’, (TOK’14), Kocaeli University, Kocaeli, 11-13 Sep 2014.
- 3- H.Z. Alisoy, G.T. Alisoy, C. Keleş, F. N. Deniz, **I. Isık**, Y. İçel, ‘Variational problem about maximum energy of pulse generator’, (TOK’13), Inonu University, Malatya, 25-27 Sep 2013.
- 4- **I. Isık**, S. E. Hamamcı, ‘Calculation of PI set which make a stable sistem for switches system’ (TOK’13), Inonu University, Malatya, 25-27 Sep 2013.

#### **Work Experience**

12/2012- Present : Research Assistant– Inonu University– Malatya

03/2016-08/2016 : Visitor Researcher-Technical University of Denmark– Denmark

06/2010-09/2010 : Market Staff– NJ– USA

#### **Project**

Name: Design and analysis of a communication system by using FPGA.

Budget: 15.000 \$

Sponsor: TÜBİTAK

#### **Foreign Language**

English: Advanced

#### **Computer Knowledge**

C++, Matlab, PLC, FPGA

#### **References**

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