Asst. Prof. ŞÖLEN KUMBAY YILDIZ

Personal Information

Office Phone: +90 312 297 6509
Office Phone: +90 312 780 7065
Email: kumbay@hacettepe.edu.tr

Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Muhendisligi, Turkey 2006 - 2013
Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Elektronik Muhendisligi, Turkey 2003 - 2006
Undergraduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik Ve Elektronik Muhendisligi, Turkey 1999 - 2003

Foreign Languages

English, C1 Advanced
German, C1 Advanced

Research Areas

Electrical and Electronics Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2004 - Continues

Academic and Administrative Experience

Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2017 - Continues

Courses

DEVRE TEORİSİ 1, Undergraduate, 2016 - 2017, 2017 - 2018
DENETİM SİSTEMLERİ TASARIMI, Undergraduate, 2017 - 2018

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

I. **Fabrication and characterisation of highly stretchable elastomeric strain sensors for prosthetic hand applications**
Yildiz S. K. , MUTLU R., ALICI G.
SENSORS AND ACTUATORS A-PHYSICAL, vol.247, pp.514-521, 2016 (Journal Indexed in SCI)

II. **Relay sliding mode control based on the input-output model**
KUMBAY YILDIZ Ş., DEMİRCİOĞLU H.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.24, no.4, pp.2609-2626, 2016
(Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Detection of the Turkish Sign Language Alphabet with Strain Sensor Based Data Glove**
Kaya F., Tuncer A. F. , Yildiz S. K.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

II. **TURKISH SIGN LANGUAGE ALPHABET TRANSLATOR**
Yalcin M., Ilgaz S., Ozkul G., Yildiz S. K.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018

III. **Relay Sliding Mode Control of Multiloop Systems Based on the Input-Output Model**
Yildiz S. K. , DEMİRCİOĞLU H.
IEEE Conference on Control and Applications (CCA), Sydney, Australia, 21 - 23 September 2015, pp.834-839

Supported Projects

KUMBAY YILDIZ Ş., Project Supported by Higher Education Institutions, Çokdöngülü sistemlerin giriş - çıkış yöntemine dayalı röle ile kayan kipli denetimi, 2015 - 2016

Citations

Total Citations (WOS):18
h-index (WOS):1