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International Researcher IDs

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2015 - Continues Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), Turkey 2014 - 2015

Undergraduate Double Major, Ataturk University, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2008 - 2012

Undergraduate, Ataturk University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 2007 - 2011

Dissertations

Postgraduate, Ortak vektör yaklaşımıyla ses verisinde gürültü giderme, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2015

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2016 - Continues Research Assistant, Erzurum Technical University, Faculty Of Engineering-Architecture, Department Of Electrical And Electronics Engineering, 2015 - 2016

Research Assistant, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2014 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Dynamic and Sparsity Adaptive Compressed Sensing Based Active User Detection and Channel Estimation of Uplink Grant-Free SCMA**

DURAK M. H., ERTUĞ Ö.

RADIOENGINEERING, vol.30, no.3, pp.576-583, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Image Segmentation using Weighted K Means Clustering on RGB D Data**
DURAK M. H.
American Academic Scholarly Research Journal, vol.8, no.6, pp.1-6, 2016 (Peer-Reviewed Journal)
- II. **Speech Denoising using Common Vector Analysis in Frequency Domain**
SEKE E., DURAK M. H., ÖZKAN K.
International Journal of Applied Mathematics, Electronics and Computers, vol.4, pp.224-229, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Compressed Sensing Based Multiuser Detection for Sparse Code Multiple Access**
Durak M. H., ERTUĞ Ö.
27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, 24 - 26 April 2019
- II. **CS-Based Multiuser Detector for SCMA Systems**
Durak M. H., ERTUĞ Ö.
International Symposium on Networks, Computers and Communications (ISNCC), İstanbul, Turkey, 18 - 20 June 2019
- III. **Image Segmentation using Weighted K Means Clustering on RGB D Data**
DURAK M. H.
Studies in Politicis, Education, Health, Engineering and Sociology-ANKARA (SPEHES-ANKARA), 18 - 19 November 2016
- IV. **Subspace based Speech Enhancement using Common Vector Approach**
DURAK M. H., SEKE E., ÖZKAN K.
4TH INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE, Antalya/Alanya, Turkey, 3 - 05 November 2016, pp.1735-1742
- V. **SPEECH DENOISING USING COMMON VECTOR ANALYSIS IN FREQUENCY DOMAIN**
SEKE E., DURAK M. H., ÖZKAN K.
3rd International Conference on Advanced Technology Sciences 2016, 1 - 03 October 2016
- VI. **Denoising speech signal using common vector approach**
DURAK M. H., SEKE E., ÖZKAN K.
2015 23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, Turkey, 16 - 19 May 2015

Metrics

Publication: 9

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