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Education Information

Undergraduate, Hacettepe University, Edebiyat Fakültesi, İngiliz Dili Ve Edebiyatı Bölümü, Turkey 2000 - 2005

Academic Titles / Tasks

Lecturer PhD, Ihsan Dogramaci Bilkent University, 2008 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **On Improving Dynamic State Space Approaches to Articulatory Inversion With MAP-Based Parameter Estimation**
ÖZBEK ARSLAN I., Hasegawa-Johnson M., DEMİREKLER M.
IEEE TRANSACTIONS ON AUDIO SPEECH AND LANGUAGE PROCESSING, vol.20, no.1, pp.67-81, 2012 (SCI-Expanded)

II. **Dynamic Speech Spectrum Representation and Tracking Variable Number of Vocal Tract Resonance Frequencies With Time-Varying Dirichlet Process Mixture Models**
ÖZKAN E., ÖZBEK ARSLAN I., Demirekler M.
IEEE TRANSACTIONS ON AUDIO SPEECH AND LANGUAGE PROCESSING, vol.17, no.8, pp.1518-1532, 2009 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **ML vs. MAP PARAMETER ESTIMATION OF LINEAR DYNAMIC SYSTEMS FOR ACOUSTIC-TO-ARTICULATORY INVERSION: A COMPARATIVE STUDY**
ÖZBEK ARSLAN I., DEMİREKLER M.
18th European Signal Processing Conference (EUSIPCO), Aalborg, Denmark, 23 - 27 August 2010, pp.805-809

II. **Formant Trajectories for Acoustic-to-Articulatory Inversion**
ÖZBEK ARSLAN I., Hasegawa-Johnson M., DEMİREKLER M.
10th INTERSPEECH 2009 Conference, Brighton, United Kingdom, 6 - 10 September 2009, pp.2783-2784

III. **Tracking of Visible Vocal Tract Resonances (VVTR) Based on Kalman Filtering**
ÖZBEK ARSLAN I., Demirekler M.
9th International Conference on Spoken Language Processing/INTERSPEECH 2006, Pennsylvania, United States Of America, 01 January 2006, pp.1013-1016

Metrics

Publication: 5
Citation (WoS): 19
Citation (Scopus): 20
H-Index (WoS): 2
H-Index (Scopus): 2