


# PUBLICATIONS

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## Automatic Makam recognition using chroma features



 **E. Demirel**, B. Bozkurt, and X. Serra.

 2018  In Proceedings of the 8th International Workshop on Folk Music Analysis; Thessaloniki, Greece

 [URL](#)


## Audio-Aligned Jazz Harmony Dataset for Automatic Chord Transcription and Corpus-based Research



 V. Eremenko, **E. Demirel**, and X. Serra

 2018  In: Proceedings of the 19th ISMIR Conference; 2018 Sep 23-27; Paris, France

 [URL](#)


## Automatic chord-scale recognition using harmonic pitch class profiles

 **E. Demirel**, B. Bozkurt, and X. Serra.

 2019  In Proceedings of the 16th Sound & Music Computing Conference; Málaga, Spain

 [URL](#)

## Exploring Generalizability of Automatic Phoneme Recognition Models


 **E. Demirel**, S. Ahlback, and S. Dixon

 2019  In UKSpeech 2019, Birmingham

 [URL](#)


## Automatic Lyrics Transcription using Dilated Convolutional Neural Networks with Self-Attention

 **E. Demirel**, S. Ahlback, and S. Dixon

 2020  In Proceedings of the International Joint Conference on Neural Networks (IJCNN). IEEE

 [arXiv](#)

## A Recursive Search Method for Lyrics Alignment

 **E. Demirel**, S. Ahlback, and S. Dixon

 2020  In MIREX - Audio-to-Lyrics Alignment Challenge

 [URL](#)

## Low Resource Audio-to-Lyrics Alignment From Polyphonic Music Recordings



 **E. Demirel**, S. Ahlback, and S. Dixon

 2021  In Proceedings of the International Conference on Acoustics, Speech and Signal Processing (ICASSP). IEEE

 [arXiv](#)


## Computational Pronunciation Analysis in Singing

 **E. Demirel**, S. Ahlback, and S. Dixon

 2021  In Proceedings of the 29th European Signal Processing Conference (EUSIPCO), IEEE (in print)

 [arXiv](#)

## Phoneme-Informed Note Segmentation of Monophonic Vocal Music



 Y. Li, **E. Demirel**, P. Proutskova, and S. Dixon

 2021  In NLP4MuSA




## MSTRE-Net: Multistreaming Acoustic Modeling for Automatic Lyrics Transcription

 **E. Demirel**, S. Ahlback, and S. Dixon

 2021  In: Proceedings of the 22th ISMIR Conference (in print)

 [arXiv](#)

## Multidomain Training and Cross-Dataset Evaluation for Automatic Lyrics Transcription

 **E. Demirel**, S. Ahlback, and S. Dixon

 2021  Under review

