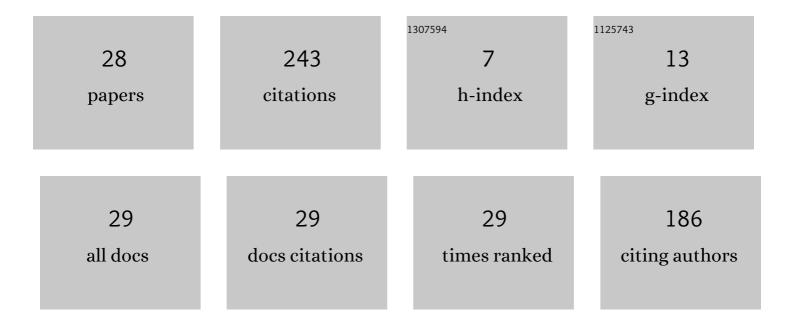
## Milos Cernak

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5062360/publications.pdf Version: 2024-02-01



MILOS CEDNAK

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Characterisation of voice quality of Parkinson's disease using differential phonological posterior<br>features. Computer Speech and Language, 2017, 46, 196-208.            | 4.3 | 46        |
| 2  | A Simple Continuous Pitch Estimation Algorithm. IEEE Signal Processing Letters, 2013, 20, 102-105.  | 3.6 | 29        |
| 3  | Composition of Deep and Spiking Neural Networks for Very Low Bit Rate Speech Coding. IEEE/ACM<br>Transactions on Audio Speech and Language Processing, 2016, 24, 2301-2312. | 5.8 | 18        |
| 4  | Cognitive Speech Coding: Examining the Impact of Cognitive Speech Processing on Speech<br>Compression. IEEE Signal Processing Magazine, 2018, 35, 97-109.                   | 5.6 | 16        |
| 5  | Phonological vocoding using artificial neural networks. , 2015, , .   |     | 15        |
| 6  | On the (UN)importance of the contextual factors in HMM-based speech synthesis and coding. , 2013, , .   |     | 12        |
| 7  | Perceptual Information Loss due to Impaired Speech Production. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 2433-2443.                          | 5.8 | 12        |
| 8  | PhonVoc: A Phonetic and Phonological Vocoding Toolkit. , 0, , .   |     | 11        |
| 9  | Modeling unvoiced sounds in statistical parametric speech synthesis with a continuous vocoder. , 2016, , .  |     | 9         |
| 10 | Residual-Based Excitation with Continuous FO Modeling in HMM-Based Speech Synthesis. Lecture Notes in Computer Science, 2015, , 27-38.                                      | 1.3 | 9         |
| 11 | Rule-Based Triphone Mapping for Acoustic Modeling in Automatic Speech Recognition. Lecture Notes in Computer Science, 2011, , 268-275.                                      | 1.3 | 9         |
| 12 | On structured sparsity of phonological posteriors for linguistic parsing. Speech Communication, 2016, 84, 36-45.  | 2.8 | 8         |
| 13 | Sound Pattern Matching for Automatic Prosodic Event Detection. , 0, , .   |     | 7         |
| 14 | Incremental Syllable-Context Phonetic Vocoding. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 1019-1030.   | 5.8 | 6         |
| 15 | Speech vocoding for laboratory phonology. Computer Speech and Language, 2017, 42, 100-121.  | 4.3 | 6         |
| 16 | Voice Analysis to Differentiate the Dopaminergic Response in People With Parkinson's Disease.<br>Frontiers in Human Neuroscience, 2021, 15, 667997.                         | 2.0 | 6         |
| 17 | Syllable-based pitch encoding for low bit rate speech coding with recognition/synthesis architecture. , 0, , .  |     | 5         |
| 18 | Phonological Posteriors and GRU Recurrent Units to Assess Speech Impairments of Patients with<br>Parkinson's Disease. Lecture Notes in Computer Science, 2018, , 453-461.   | 1.3 | 4         |

MILOS CERNAK

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Probabilistic Amplitude Demodulation Features in Speech Synthesis for Improving Prosody. , 0, , .                |     | 3         |
| 20 | NeuroSpeech. SoftwareX, 2018, 8, 69-70.  | 2.6 | 2         |
| 21 | Nasal Speech Sounds Detection Using Connectionist Temporal Classification. , 2018, , .                           |     | 2         |
| 22 | HMM-Based Non-Native Accent Assessment Using Posterior Features. , 0, , .  |     | 2         |
| 23 | Automatic Staging of Audio with Emotions. , 2013, , .  |     | 1         |
| 24 | Development of bilingual ASR system for MediaParl corpus. , 0, , .   |     | 1         |
| 25 | Phonetic and Phonological Posterior Search Space Hashing Exploiting Class-Specific Sparsity Structures. , 0, , . |     | 1         |
| 26 | Noisy speech recognition failure diagnosis using Minimum Message Length decision trees. , 2008, , .              |     | 0         |
| 27 | On the impact of non-modal phonation on phonological features. , 2017, , .                                       |     | Ο         |
| 28 | Diagnostics for Debugging Speech Recognition Systems. Lecture Notes in Computer Science, 2010, ,<br>251-258.     | 1.3 | 0         |