

Milos Cernak

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

243
citations

1307594

7
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1125743

13
g-index

29
all docs

29
docs citations

29
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterisation of voice quality of Parkinson's disease using differential phonological posterior features. <i>Computer Speech and Language</i> , 2017, 46, 196-208.	4.3	46
2	A Simple Continuous Pitch Estimation Algorithm. <i>IEEE Signal Processing Letters</i> , 2013, 20, 102-105.	3.6	29
3	Composition of Deep and Spiking Neural Networks for Very Low Bit Rate Speech Coding. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2016, 24, 2301-2312.	5.8	18
4	Cognitive Speech Coding: Examining the Impact of Cognitive Speech Processing on Speech Compression. <i>IEEE Signal Processing Magazine</i> , 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. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 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 F0 Modeling in HMM-Based Speech Synthesis. <i>Lecture Notes in Computer Science</i> , 2015, , 27-38.	1.3	9
11	Rule-Based Triphone Mapping for Acoustic Modeling in Automatic Speech Recognition. <i>Lecture Notes in Computer Science</i> , 2011, , 268-275.	1.3	9
12	On structured sparsity of phonological posteriors for linguistic parsing. <i>Speech Communication</i> , 2016, 84, 36-45.	2.8	8
13	Sound Pattern Matching for Automatic Prosodic Event Detection. , 0, , .		7
14	Incremental Syllable-Context Phonetic Vocoding. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2015, 23, 1019-1030.	5.8	6
15	Speech vocoding for laboratory phonology. <i>Computer Speech and Language</i> , 2017, 42, 100-121.	4.3	6
16	Voice Analysis to Differentiate the Dopaminergic Response in People With Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 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 Parkinson's Disease. <i>Lecture Notes in Computer Science</i> , 2018, , 453-461.	1.3	4

#	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, , .		0
28	Diagnostics for Debugging Speech Recognition Systems. Lecture Notes in Computer Science, 2010, , 251-258.	1.3	0