Mikko Kurimo

List of Publications by Year
in descending order

31	411	1163117 8	888059 17
papers	citations	h-index	g-index

31	31	31	255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A formant modification method for improved ASR of childrenâ€™s speech. Speech Communication, 2022, 136, 98-106.	2.8	14
2	Gaming enhances learning-induced plastic changes in the brain. Brain and Language, 2022, 230, 105124.	1.6	5
3	Morphologically motivated word classes for very large vocabulary speech recognition of Finnish and Estonian. Computer Speech and Language, 2021, 66, 101141.	4.3	3
4	Advances in subword-based HMM-DNN speech recognition across languages. Computer Speech and Language, 2021, 66, 101158.	4.3	27
5	Using Data Augmentation and Time-Scale Modification to Improve ASR of Childrenâ€™s Speech in Noisy Environments. Applied Sciences (Switzerland), 2021, 11, 8420.	2.5	4
6	Brain activity reflects the predictability of word sequences in listened continuous speech. NeuroImage, 2020, 219, 116936.	4.2	32
7	Study of Formant Modification for Children ASR. , 2020, , .		21
8	Speaker-Aware Training of Attention-Based End-to-End Speech Recognition Using Neural Speaker Embeddings. , 2020, , .		3
9	Transfer learning and subword sampling for asymmetric-resource one-to-many neural translation. Machine Translation, 2020, 34, 251-286.	1.3	5
10	Statistical models of morphology predict eye-tracking measures during visual word recognition. Memory and Cognition, 2019, 47, 1245-1269.	1.6	2
11	First-Pass Techniques for Very Large Vocabulary Speech Recognition ff Morphologically Rich Languages. , 2018, , .		1
12	User Experiences from L2 Children Using a Speech Learning Application: Implications for Developing Speech Training Applications for Children. Advances in Human-Computer Interaction, 2018, 2018, 1-6.	2.8	1
13	Cognate-aware morphological segmentation for multilingual neural translation. , 2018, , .		2
14	Modeling under-resourced languages for speech recognition. Language Resources and Evaluation, 2017, 51, 961-987.	2.7	13
15	Automatic Speech Recognition With Very Large Conversational Finnish and Estonian Vocabularies. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 2085-2097.	5.8	22
16	LDA-based context dependent recurrent neural network language model using document-based topic distribution of words. , 2017, , .		4
17	Character-based units for unlimited vocabulary continuous speech recognition. , 2017, , .		7
18	Aalto system for the 2017 Arabic multi-genre broadcast challenge. , 2017, , .		10

#	Article	IF	Citations
19	Comparing human and automatic speech recognition in a perceptual restoration experiment. Computer Speech and Language, 2016, 35, 14-31.	4.3	2
20	Class n-Gram Models for Very Large Vocabulary Speech Recognition of Finnish and Estonian. Lecture Notes in Computer Science, 2016, , 133-144.	1.3	3
21	Bounded Conditional Mean Imputation with Observation Uncertainties and Acoustic Model Adaptation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 1198-1208.	5.8	6
22	A word-level token-passing decoder for subword n-gram LVCSR. , 2014, , .		6
23	Noise in HMM-Based Speech Synthesis Adaptation: Analysis, Evaluation Methods and Experiments. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 285-295.	10.8	13
24	Unsupervised feature extraction for multimedia event detection and ranking using audio content. , 2014, , .		7
25	Spectral tilt modelling with extrapolated GMMs for intelligibility enhancement of narrowband telephone speech. , 2014, , .		17
26	A novel discriminative method for pruning pronunciation dictionary entries. , 2013, , .		2
27	Learning a subword vocabulary based on unigram likelihood. , 2013, , .		9
28	Robust spectral representation using group delay function and stabilized weighted linear prediction for additive noise degradations. , 2013, , .		2
29	Importance of High-Order N-Gram Models in Morph-Based Speech Recognition. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 724-732.	3.2	70
30	Analysing recognition errors in unlimited-vocabulary speech recognition. , 2009, , .		4
31	Unlimited vocabulary speech recognition with morph language models applied to Finnish. Computer Speech and Language, 2006, 20, 515-541.	4.3	94