Kong Aik Lee

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1980204/publications.pdf

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23	1,361	759233 12	713466 21
papers	citations	h-index	g-index

24	24	24	621
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving convergence of the NLMS algorithm using constrained subband updates. IEEE Signal Processing Letters, 2004, 11, 736-739.	3.6	264
2	ASVspoof 2019: Future Horizons in Spoofed and Fake Audio Detection. , 0, , .		242
3	Text-dependent speaker verification: Classifiers, databases and RSR2015. Speech Communication, 2014, 60, 56-77.	2.8	188
4	ASVspoof 2019: A large-scale public database of synthesized, converted and replayed speech. Computer Speech and Language, 2020, 64, 101114.	4.3	130
5	Low-Variance Multitaper MFCC Features: A Case Study in Robust Speaker Verification. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 1990-2001.	3.2	106
6	Inherent Decorrelating and Least Perturbation Properties of the Normalized Subband Adaptive Filter. IEEE Transactions on Signal Processing, 2006, 54, 4475-4480.	5.3	87
7	t-DCF: a Detection Cost Function for the Tandem Assessment of Spoofing Countermeasures and Automatic Speaker Verification. , 0, , .		85
8	ASVspoof 2019: Spoofing Countermeasures for the Detection of Synthesized, Converted and Replayed Speech. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2021, 3, 252-265.	4.4	55
9	Tandem Assessment of Spoofing Countermeasures and Automatic Speaker Verification: Fundamentals. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2195-2210.	5.8	42
10	Sparse Classifier Fusion for Speaker Verification. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 1622-1631.	3.2	40
11	Total Variability Modeling Using Source-Specific Priors. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 504-517.	5.8	21
12	Generalizing I-Vector Estimation for Rapid Speaker Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 749-759.	5.8	15
13	NEC-TT System for Mixed-Bandwidth and Multi-Domain Speaker Recognition. Computer Speech and Language, 2020, 61, 101033.	4.3	13
14	Xi-Vector Embedding for Speaker Recognition. IEEE Signal Processing Letters, 2021, 28, 1385-1389.	3.6	13
15	Voice biometrics security: Extrapolating false alarm rate via hierarchical Bayesian modeling of speaker verification scores. Computer Speech and Language, 2020, 60, 101024.	4.3	9
16	Direct Optimization of the Detection Cost for I-Vector-Based Spoken Language Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 588-597.	5.8	8
17	Maximal Figure-of-Merit Framework to Detect Multi-Label Phonetic Features for Spoken Language Recognition. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 682-695.	5.8	7
18	ASVtorch toolkit: Speaker verification with deep neural networks. SoftwareX, 2021, 14, 100697.	2.6	7

#	Article	IF	Citations
19	Neural Acoustic-Phonetic Approach for Speaker Verification With Phonetic Attention Mask. IEEE Signal Processing Letters, 2022, 29, 782-786.	3.6	7
20	Duration compensation of iâ€vectors for short duration speaker verification. Electronics Letters, 2017, 53, 405-407.	1.0	5
21	Generalized Variability Model for Speaker Verification. IEEE Signal Processing Letters, 2018, 25, 1775-1779.	3.6	5
22	PL-EESR: Perceptual Loss Based End-to-End Robust Speaker Representation Extraction. , 2021, , .		4
23	Quasi-Factorial Prior for i-vector Extraction. IEEE Signal Processing Letters, 2015, 22, 2484-2488.	3.6	3