Hoi Rin Kim

List of Publications by Year
in descending order

24	230	1307594	1058476
papers	citations	7	14
		h-index	g-index

24	24	24	224
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Learning to Maximize Speech Quality Directly Using MOS Prediction for Neural Text-to-Speech. IEEE Access, 2022, 10, 52621-52629.	4.2	3
2	Neural MOS Prediction for Synthesized Speech Using Multi-Task Learning with Spoofing Detection and Spoofing Type Classification. , 2021, , .		8
3	Single-Variable-Input Active Sidelobe Suppression Method for Synthesized Magnetic Field Focusing Technology and Its Optimization. IEEE Transactions on Industrial Electronics, 2020, 67, 9813-9823.	7.9	7
4	Plane-Type Receiving Coil With Minimum Number of Coils for Omnidirectional Wireless Power Transfer. IEEE Transactions on Power Electronics, 2020, 35, 6165-6174.	7.9	28
5	Interlayer Selective Attention Network for Robust Personalized Wake-Up Word Detection. IEEE Signal Processing Letters, 2020, 27, 126-130.	3.6	1
6	A Unified Deep Learning Framework for Short-Duration Speaker Verification in Adverse Environments. IEEE Access, 2020, 8, 175448-175466.	4.2	14
7	Cross-Informed Domain Adversarial Training for Noise-Robust Wake-Up Word Detection. IEEE Signal Processing Letters, 2020, 27, 1769-1773.	3.6	2
8	Optimal Dipole-Coil Ampere-Turns Design for Maximum Power Efficiency of IPT. IEEE Transactions on Power Electronics, 2020, 35, 7317-7327.	7.9	12
9	Coreless Transmitting Coils With Conductive Magnetic Shield for Wide-Range Ubiquitous IPT. IEEE Transactions on Power Electronics, 2019, 34, 2539-2552.	7.9	29
10	2-D Synthesized Magnetic Field Focusing Technology With Loop Coils Distributed in a Rectangular Formation. IEEE Transactions on Industrial Electronics, 2019, 66, 5558-5566.	7.9	18
11	Self-Adaptive Soft Voice Activity Detection Using Deep Neural Networks for Robust Speaker Verification. , 2019, , .		7
12	Additional Shared Decoder on Siamese Multi-View Encoders for Learning Acoustic Word Embeddings. , 2019, , .		6
13	Histogram equalization with Bayesian estimation for noise robust speech recognition. Journal of the Acoustical Society of America, 2018, 143, 677-685.	1.1	0
14	Learning Self-Informed Feature Contribution for Deep Learning-Based Acoustic Modeling. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 2204-2214.	5.8	4
15	Coreless transmitting coils with metal shield for wide-range ubiquitous IPT. , 2017, , .		2
16	Linear-scale filterbank for deep neural network-based voice activity detection. , 2017, , .		11
17	Development of distant multi-channel speech and noise databases for speech recognition by in-door conversational robots. , 2017, , .		4
18	Automatic Intelligibility Assessment of Dysarthric Speech Using Phonologically-Structured Sparse Linear Model. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 694-704.	5.8	34

#	Article	IF	Citations
19	Probabilistic Class Histogram Equalization Based on Posterior Mean Estimation for Robust Speech Recognition. IEEE Signal Processing Letters, 2015, 22, 2421-2424.	3.6	5
20	Constrained MLE-based speaker adaptation with L1 regularization. , 2014, , .		1
21	Multiple Acoustic Model-Based Discriminative Likelihood Ratio Weighting for Voice Activity Detection. IEEE Signal Processing Letters, 2012, 19, 507-510.	3.6	25
22	Automatic extraction of pornographic contents using radon transform based audio features. , 2011, , .		7
23	Cepstral Domain Feature Extraction Utilizing Entropic Distance-Based Filterbank. IEICE Transactions on Information and Systems, 2010, E93-D, 392-394.	0.7	0
24	Acoustic Model Combination Incorporated With Mask-Based Multi-Channel Source Separation for Automatic Speech Recognition. IEEE Journal on Selected Topics in Signal Processing, 2010, 4, 772-784.	10.8	2