Mohanaprasad Kothandaraman

List of Publications by Year
in descending order

17 papers	188 citations	1163117 8 h-index	1125743 13 g-index
18 all docs	18 docs citations	18 times ranked	44 citing authors

#	Article	IF	Citations
1	Survey of Deep Learning Paradigms for Speech Processing. Wireless Personal Communications, 2022, 125, 1913-1949.	2.7	43
2	A review on speech processing using machine learning paradigm. International Journal of Speech Technology, 2021, 24, 367-388.	2.2	37
3	Speech Emotion Recognition Using Mel Frequency Log Spectrogram and Deep Convolutional Neural Network. Lecture Notes in Electrical Engineering, 2022, , 241-250.	0.4	20
4	An Adaptive ICA-Based Cross-Correlation Techniques for Water Pipeline Leakage Localization Utilizing Acousto-Optic Sensors. IEEE Sensors Journal, 2020, 20, 10021-10031.	4.7	18
5	Wavelet based ICA using maximisation of non-Gaussianity for acoustic echo cancellation during double talk situation. Applied Acoustics, 2015, 97, 37-45.	3.3	13
6	Wavelet-Based ICA Using Maximum Likelihood Estimation and Information-Theoretic Measure for Acoustic Echo Cancellation During Double Talk Situation. Circuits, Systems, and Signal Processing, 2015, 34, 3915-3931.	2.0	12
7	Adaptive Independent Component Analysis–Based Cross-Correlation Techniques along with Empirical Mode Decomposition for Water Pipeline Leakage Localization Utilizing Acousto-Optic Sensors. Journal of Pipeline Systems Engineering and Practice, 2020, 11, .	1.6	11
8	Noise reduction in speech signals using adaptive independent component analysis (ICA) for hands free communication devices. International Journal of Speech Technology, 2019, 22, 169-177.	2.2	10
9	Water Pipeline Leak Measurement Using Wavelet Packet-based Adaptive ICA. Water Resources Management, 2022, 36, 1973-1989.	3.9	9
10	Object Identification using Wavelet Transform. Indian Journal of Science and Technology, 2016, 9, .	0.7	7
11	Acoustic Echo Cancellation Using PEVD Based Adaptive Kalman Filter. International Journal of Intelligent Engineering and Systems, 2017, 10, 231-238.	0.6	3
12	Real-Time Pothole Detection with Onboard Sensors and Camera on Vehicles. Lecture Notes in Electrical Engineering, 2022, , 479-488.	0.4	1
13	Wavelet Based Adaptive Filtering Algorithms for Acoustic Noise Cancellation. International Review on Computers and Software, 2014, 9, 1675.	0.1	1
14	Alpha matting for portraits using encoder-decoder models. Multimedia Tools and Applications, 0, , 1.	3.9	1
15	Sound-Based Control System Used in Home Automation. Lecture Notes in Electrical Engineering, 2018, , 267-278.	0.4	0
16	Optimized-Fuzzy-Logic-Based Bit Loading Algorithms. Advances in Business Strategy and Competitive Advantage Book Series, 2017, , 305-315.	0.3	0
17	PEVD-Based Adaptive ICA for Acoustic Echo Cancellation During Double-Talk Situation. Circuits, Systems, and Signal Processing, 0, , 1.	2.0	0