Rajesh Kumar Aggarawal

List of Publications by Year
in descending order

18 papers	328 citations	840776 11 h-index	940533 16 g-index
18 all docs	18 docs citations	18 times ranked	185 citing authors

#	Article	IF	Citations
1	A Hybrid of Deep CNN and Bidirectional LSTM for Automatic Speech Recognition. Journal of Intelligent Systems, 2019, 29, 1261-1274.	1.6	53
2	A comparative analysis of similarity measures akin to the Jaccard index in collaborative recommendations: empirical and theoretical perspective. Social Network Analysis and Mining, 2020, 10, 1.	2.8	40
3	GFCC based discriminatively trained noise robust continuous ASR system for Hindi language. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 2301-2314.	4.9	32
4	PSO-based optimized CNN for Hindi ASR. International Journal of Speech Technology, 2019, 22, 1123-1133.	2.2	25
5	Acoustic modeling problem for automatic speech recognition system: conventional methods (Part I). International Journal of Speech Technology, 2011, 14, 297-308.	2.2	23
6	Discriminative Training Using Noise Robust Integrated Features and Refined HMM Modeling. Journal of Intelligent Systems, 2019, 29, 327-344.	1.6	22
7	Convolutional support vector machines for speech recognition. International Journal of Speech Technology, 2019, 22, 601-609.	2.2	21
8	Performance evaluation of Hindi speech recognition system using optimized filterbanks. Engineering Science and Technology, an International Journal, 2018, 21, 389-398.	3.2	20
9	Multi-level region-of-interest CNNs for end to end speech recognition. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4615-4624.	4.9	15
10	A comparative analysis of pooling strategies for convolutional neural network based Hindi ASR. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 675-691.	4.9	15
11	Discriminative Training using Heterogeneous Feature Vector for Hindi Automatic Speech Recognition System. , 2017, , .		14
12	Acoustic modeling problem for automatic speech recognition system: advances and refinements (Part) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.2	13
13	Hindi speech recognition using time delay neural network acoustic modeling with i-vector adaptation. International Journal of Speech Technology, 2022, 25, 67-78.	2.2	10
14	Discriminative Techniques for Hindi Speech Recognition System. Communications in Computer and Information Science, 2011, , 261-266.	0.5	9
15	An exploration of semi-supervised and language-adversarial transfer learning using hybrid acoustic model for hindi speech recognition. Journal of Reliable Intelligent Environments, 2022, 8, 117-132.	5.2	8
16	Optimizing Integrated Features for Hindi Automatic Speech Recognition System. Journal of Intelligent Systems, 2019, 29, 959-976.	1.6	7
17	An Investigation of Multilingual TDNN-BLSTM Acoustic Modeling for Hindi Speech Recognition. International Journal of Sensors, Wireless Communications and Control, 2022, 12, 19-31.	0.7	1
18	Study of single image fog removal techniques in low visibility foggy images. , 2017, , .		0