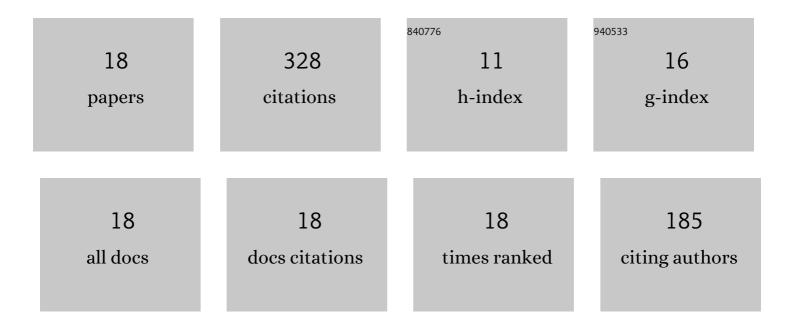
## Rajesh Kumar Aggarawal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/739984/publications.pdf Version: 2024-02-01



| #  | 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<br>recommendations: empirical and theoretical perspective. Social Network Analysis and Mining, 2020, 10,<br>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).<br>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<br>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<br>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<br>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.<br>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 ETQqC   | ) 0 0 rgBT / | Overlock 10 |
| 13 | Hindi speech recognition using time delay neural network acoustic modeling with i-vector adaptation.<br>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.<br>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, , .