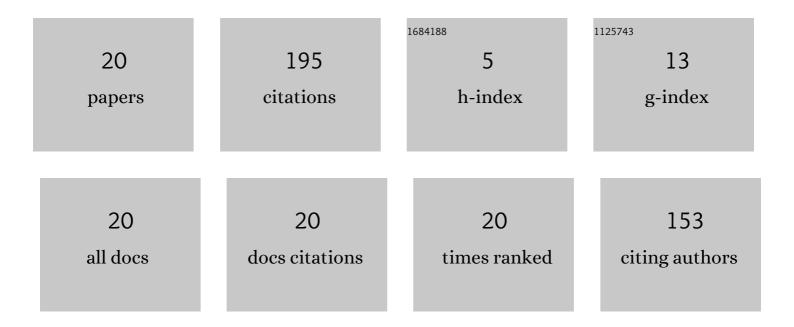
Toshio Irino

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|---------------------|-------------|
| 1 | A Dynamic Compressive Gammachirp Auditory Filterbank. IEEE Transactions on Audio Speech and Language Processing, 2006, 14, 2222-2232. | 3.2 | 118 |
| 2 | Implementation of realtime STRAIGHT speech manipulation system: Report on its first implementation. Acoustical Science and Technology, 2007, 28, 140-146. | 0.5 | 28 |
| 3 | Warped-TSP: An acoustic measurement signal robust to background noise and harmonic distortion. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English) Tj ETQq1 1 0.784314 | r gBi T /Ove | rløck 10 Tf |
| 4 | Speech Segregation Using an Auditory Vocoder With Event-Synchronous Enhancements. IEEE Transactions on Audio Speech and Language Processing, 2006, 14, 2212-2221. | 3.2 | 6 |
| 5 | Accurate Estimation of Compression in Simultaneous Masking Enables the Simulation of Hearing Impairment for Normal-Hearing Listeners. Advances in Experimental Medicine and Biology, 2013, 787, 73-80. | 1.6 | 6 |
| 6 | Modelling speaker-size discrimination with voiced and unvoiced speech sounds based on the effect of spectral lift. Speech Communication, 2022, 136, 23-41. | 2.8 | 5 |
| 7 | Hearing impairment simulator based on compressive gammachirp filter. , 2014, , . | | 4 |
| 8 | Observational and Accelerometer Analysis of Head Movement Patterns in Psychotherapeutic Dialogue. Sensors, 2021, 21, 3162. | 3.8 | 4 |
| 9 | The gammachirp auditory filter and its application to speech perception. Acoustical Science and Technology, 2020, 41, 99-107. | 0.5 | 4 |
| 10 | Speech intelligibility prediction with the dynamic compressive gammachirp filterbank and modulation power spectrum. Acoustical Science and Technology, 2019, 40, 84-92. | 0.5 | 2 |
| 11 | The Effect of Peripheral Compression on Syllable Perception Measured with a Hearing Impairment Simulator. Advances in Experimental Medicine and Biology, 2016, 894, 307-314. | 1.6 | 2 |
| 12 | Vowel-based frequency alignment function design and recognition-based time alignment for automatic speech morphing. , 2008, , . | | 1 |
| 13 | Perception of vowel sequence with varying speaker size. Acoustical Science and Technology, 2010, 31, 156-164. | 0.5 | 1 |
| 14 | Auditory speech processing for scale-shift covariance and its evaluation in automatic speech recognition. , 2010, , . | | 1 |
| 15 | Vocal tract length estimation for voiced and whispered speech using gammachirp filterbank. , 2013, , . | | 1 |
| 16 | Excitation source design for high-quality speech manipulation systems based on a temporally static group delay representation of periodic signals. , 2014, , . | | 1 |
| 17 | Detection of temporal modulation of "size" in vowel sequences. Acoustical Science and Technology, 2007, 28, 349-351. | 0.5 | 1 |
| 18 | Perception of size modulated vowel sequence: Can we normalize the size of continuously changing vocal tract?. Acoustical Science and Technology, 2009, 30, 83-88. | 0.5 | 1 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Developing a method to build Japanese speech recognition system based on 3-gram language model expansion with Google database. , 2013, , . | | 0 |
| 20 | Speech intelligibility prediction using a multi-resolution gammachirp envelope distortion index with common parameters for different noise conditions. Acoustical Science and Technology, 2020, 41, 396-399. | 0.5 | 0 |