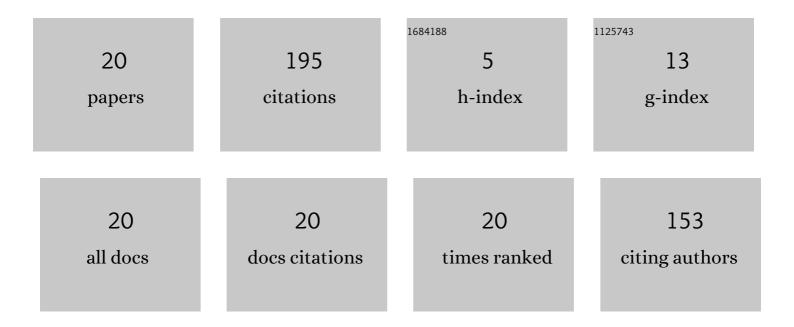
## **Toshio Irino**

List of Publications by Year in descending order

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Τοςμίο Ιρίνιο

| #  | Article   | IF        | CITATIONS    |
|----|---|-----------|--------------|
| 1  | 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            |
| 2  | Observational and Accelerometer Analysis of Head Movement Patterns in Psychotherapeutic Dialogue.<br>Sensors, 2021, 21, 3162.   | 3.8       | 4            |
| 3  | The gammachirp auditory filter and its application to speech perception. Acoustical Science and Technology, 2020, 41, 99-107.   | 0.5       | 4            |
| 4  | 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            |
| 5  | Speech intelligibility prediction with the dynamic compressive gammachirp filterbank and modulation power spectrum. Acoustical Science and Technology, 2019, 40, 84-92.   | 0.5       | 2            |
| 6  | 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            |
| 7  | Hearing impairment simulator based on compressive gammachirp filter. , 2014, , .  |           | 4            |
| 8  | Excitation source design for high-quality speech manipulation systems based on a temporally static group delay representation of periodic signals. , 2014, , .  |           | 1            |
| 9  | Developing a method to build Japanese speech recognition system based on 3-gram language model expansion with Google database. , 2013, , .  |           | Ο            |
| 10 | Vocal tract length estimation for voiced and whispered speech using gammachirp filterbank. , 2013, , .  |           | 1            |
| 11 | Accurate Estimation of Compression in Simultaneous Masking Enables the Simulation of Hearing<br>Impairment for Normal-Hearing Listeners. Advances in Experimental Medicine and Biology, 2013, 787,<br>73-80.    | 1.6       | 6            |
| 12 | Perception of vowel sequence with varying speaker size. Acoustical Science and Technology, 2010, 31, 156-164.   | 0.5       | 1            |
| 13 | Auditory speech processing for scale-shift covariance and its evaluation in automatic speech recognition. , 2010, , .   |           | 1            |
| 14 | 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            |
| 15 | Vowel-based frequency alignment function design and recognition-based time alignment for automatic speech morphing. , 2008, , .   |           | 1            |
| 16 | Implementation of realtime STRAIGHT speech manipulation system: Report on its first implementation.<br>Acoustical Science and Technology, 2007, 28, 140-146.  | 0.5       | 28           |
| 17 | Warped-TSP: An acoustic measurement signal robust to background noise and harmonic distortion.<br>Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English) Tj ETQq1 1 0.7843 | l4rgBiT/O | verløck 10 T |
| 18 | Detection of temporal modulation of "size" in vowel sequences. Acoustical Science and Technology, 2007, 28, 349-351.  | 0.5       | 1            |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Speech Segregation Using an Auditory Vocoder With Event-Synchronous Enhancements. IEEE<br>Transactions on Audio Speech and Language Processing, 2006, 14, 2212-2221. | 3.2 | 6         |
| 20 | A Dynamic Compressive Gammachirp Auditory Filterbank. IEEE Transactions on Audio Speech and Language Processing, 2006, 14, 2222-2232.                                | 3.2 | 118       |