

# Toshio Irino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6076303/publications.pdf>

Version: 2024-02-01

20  
papers

195  
citations

1684188

5  
h-index

1125743

13  
g-index

20  
all docs

20  
docs citations

20  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling speaker-size discrimination with voiced and unvoiced speech sounds based on the effect of spectral lift. <i>Speech Communication</i> , 2022, 136, 23-41.	2.8	5
2	Observational and Accelerometer Analysis of Head Movement Patterns in Psychotherapeutic Dialogue. <i>Sensors</i> , 2021, 21, 3162.	3.8	4
3	The gammachirp auditory filter and its application to speech perception. <i>Acoustical Science and Technology</i> , 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. <i>Acoustical Science and Technology</i> , 2020, 41, 396-399.	0.5	0
5	Speech intelligibility prediction with the dynamic compressive gammachirp filterbank and modulation power spectrum. <i>Acoustical Science and Technology</i> , 2019, 40, 84-92.	0.5	2
6	The Effect of Peripheral Compression on Syllable Perception Measured with a Hearing Impairment Simulator. <i>Advances in Experimental Medicine and Biology</i> , 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, , .		0
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 Impairment for Normal-Hearing Listeners. <i>Advances in Experimental Medicine and Biology</i> , 2013, 787, 73-80.	1.6	6
12	Perception of vowel sequence with varying speaker size. <i>Acoustical Science and Technology</i> , 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?. <i>Acoustical Science and Technology</i> , 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. <i>Acoustical Science and Technology</i> , 2007, 28, 140-146.	0.5	28
17	Warped-TSP: An acoustic measurement signal robust to background noise and harmonic distortion. <i>Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English)</i> Tj ETQq1 1 0.784314 r9BT /Overlock 10 T 5		
18	Detection of temporal modulation of "size" in vowel sequences. <i>Acoustical Science and Technology</i> , 2007, 28, 349-351.	0.5	1

#	ARTICLE	IF	CITATIONS
19	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
20	A Dynamic Compressive Gammachirp Auditory Filterbank. IEEE Transactions on Audio Speech and Language Processing, 2006, 14, 2222-2232.	3.2	118