

# Christian Giguère

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,208  
citations

623188

14  
h-index

377514

34  
g-index

44  
all docs

44  
docs citations

44  
times ranked

764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Hearing and Head Protection on the Localization of Tonal and Broadband Reverse Alarms. Human Factors, 2021, , 001872082199222.	2.1	2
2	Toward an improved hearing safety standard for impulse noise exposure in the Canadian Armed Forces. Journal of Military, Veteran and Family Health, 2020, 6, 98-107.	0.3	1
3	Effects of hearing loss and language proficiency on speech intelligibility over radio transmission with tactical communication devices. International Journal of Audiology, 2020, 59, S31-S39.	0.9	1
4	Development of the Canadian Digit Triplet Test in English and French. Journal of the Acoustical Society of America, 2020, 147, EL252-EL258.	0.5	16
5	Development of hearing standards for Ontario's Constable Selection System. International Journal of Audiology, 2019, 58, 798-804.	0.9	3
6	An indirect calculation method for estimating occupational sound exposure from communication headsets. Journal of the Acoustical Society of America, 2019, 145, 749-760.	0.5	1
7	Evaluating noise suppression methods for recovering the Lombard speech from vocal output in an external noise field. International Journal of Speech Technology, 2019, 22, 31-46.	1.4	3
8	Evidence-based occupational hearing screening II: validation of a screening methodology using measures of functional hearing ability. International Journal of Audiology, 2018, 57, 323-334.	0.9	14
9	Evidence-Based Occupational Hearing Screening I: Modeling the Effects of Real-World Noise Environments on the Likelihood of Effective Speech Communication. Ear and Hearing, 2018, 39, 436-448.	1.0	12
10	Detection and reaction thresholds for reverse alarms in noise with and without passive hearing protection. International Journal of Audiology, 2018, 57, S51-S60.	0.9	5
11	Effects of Early- and Late-Arriving Room Reflections on the Speech-Evoked Auditory Brainstem Response. Journal of the American Academy of Audiology, 2018, 29, 095-105.	0.4	3
12	Self-masking and overlap-masking from reverberation using the speech-evoked auditory brainstem response. Journal of the Acoustical Society of America, 2017, 142, EL555-EL560.	0.5	9
13	Speech recognition in noise under hearing protection: A computational study of the combined effects of hearing loss and hearing protector attenuation. International Journal of Audiology, 2016, 55, S30-S40.	0.9	7
14	Comparison of direct measurement methods for headset noise exposure in the workplace. Noise and Health, 2016, 18, 62.	0.4	4
15	The interaction of hearing loss and level-dependent hearing protection on speech recognition in noise. International Journal of Audiology, 2015, 54, S9-S18.	0.9	10
16	Comparison of sound propagation and perception of three types of backup alarms with regards to worker safety. Noise and Health, 2013, 15, 420.	0.4	28
17	Evaluation of the Phase-Inversion Signal Separation Method When Using Nonlinear Hearing Aids. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 879-888.	3.8	2
18	Improving hearing aid fitting using the speech-evoked auditory brainstem response. , 2013, 2013, 2812-5.		7

#	ARTICLE	IF	CITATIONS
19	Advanced hearing protection and auditory awareness in individuals with hearing loss. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1
20	Binaural speech recognition in continuous and intermittent noises in people with hearing loss. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1
21	Direct and indirect methods for the measurement of occupational sound exposure from communication headsets. Noise Control Engineering Journal, 2012, 60, 630-644.	0.2	5
22	Evaluation of Auditory Functions for Royal Canadian Mounted Police Officers. Journal of the American Academy of Audiology, 2011, 22, 313-331.	0.4	13
23	Adaptive environment classification system for hearing aids. Journal of the Acoustical Society of America, 2010, 127, 3124-3135.	0.5	17
24	Modelling Speech Intelligibility in the Noisy Work- place for Normal-hearing and Hearing-impaired Listeners Using Hearing Protectors. International Journal of Acoustics and Vibrations, 2010, 15, .	0.3	6
25	A Wiener-based implementation of equalization-cancellation pre-processing for binaural speech intelligibility prediction. , 2009, , .		1
26	Functionally-based screening criteria for hearing-critical jobs based on the Hearing in Noise Test. International Journal of Audiology, 2008, 47, 319-328.	0.9	23
27	Establishment of Age-Specific Normative Data for the Canadian French Version of the Hearing in Noise Test for Children. Ear and Hearing, 2008, 29, 453-466.	1.0	38
28	A Psychoacoustical Model for Specifying the Level and Spectrum of Acoustic Warning Signals in the Workplace. Journal of Occupational and Environmental Hygiene, 2007, 4, 87-98.	0.4	26
29	Adaptation of the HINT (hearing in noise test) for adult Canadian Francophone populations. International Journal of Audiology, 2005, 44, 358-361.	0.9	64
30	The effect of aging on horizontal plane sound localization. Journal of the Acoustical Society of America, 2000, 108, 743-752.	0.5	118
31	COMPUTATIONAL MODELING OF OUTER HAIR CELL DAMAGE: IMPLICATIONS FOR HEARING AID SIGNAL PROCESSING. , 1999, , 155-164.		1
32	The generation of DC potentials in a computational model of the organ of Corti: effects of voltage-dependent K <sup>+</sup> channels in the basolateral membrane of the inner hair cell. Hearing Research, 1998, 115, 184-196.	0.9	6
33	The generation of psychoacoustic combination tones in relation to two-tone suppression effects in a computational model. Journal of the Acoustical Society of America, 1997, 102, 2821-2830.	0.5	8
34	Time-domain modeling of peripheral auditory processing: A modular architecture and a software platform. Journal of the Acoustical Society of America, 1995, 98, 1890-1894.	0.5	503
35	A computational model of the auditory periphery for speech and hearing research. II. Descending paths. Journal of the Acoustical Society of America, 1994, 95, 343-349.	0.5	24
36	A computational model of the auditory periphery for speech and hearing research. I. Ascending path. Journal of the Acoustical Society of America, 1994, 95, 331-342.	0.5	124

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37	Sound localization: Effects of reverberation time, speaker array, stimulus frequency, and stimulus rise/decay. <i>Journal of the Acoustical Society of America</i> , 1993, 94, 769-776.	0.5	57
38	Auditory Perception with Level-Dependent Hearing Protectors<i>The Effects of Age and Hearing Loss</i>. <i>Scandinavian Audiology</i> , 1993, 22, 71-85.	0.5	19
39	An acoustic head simulator for hearing protector evaluation. II: Measurements in steadyâ€state and impulse noise environments. <i>Journal of the Acoustical Society of America</i> , 1989, 85, 1197-1205.	0.5	10
40	An acoustic head simulator for hearing protector evaluation. I: Design and construction. <i>Journal of the Acoustical Society of America</i> , 1989, 85, 1191-1196.	0.5	10