Ewen N Macdonald

List of Publications by Year
in descending order

37 papers	808 citations	567281 15 h-index	526287 27 g-index
42 all docs	42 docs citations	42 times ranked	684 citing authors

#	Article	IF	Citations
1	Temporal jitter disrupts speech intelligibility: A simulation of auditory aging. Hearing Research, 2007, 223, 114-121.	2.0	152
2	Talkers alter vowel production in response to real-time formant perturbation even when instructed not to compensate. Journal of the Acoustical Society of America, 2009, 125, 384-390.	1.1	104
3	Compensations in response to real-time formant perturbations of different magnitudes. Journal of the Acoustical Society of America, 2010, 127, 1059-1068.	1.1	79
4	Children's Development of Self-Regulation in Speech Production. Current Biology, 2012, 22, 113-117.	3.9	60
5	Probing the independence of formant control using altered auditory feedback. Journal of the Acoustical Society of America, 2011, 129, 955-965.	1.1	46
6	A cross-language study of compensation in response to real-time formant perturbation. Journal of the Acoustical Society of America, 2011, 130, 2978-2986.	1.1	40
7	Noise Exposure of Music Teachers. Journal of Occupational and Environmental Hygiene, 2004, 1, 243-247.	1.0	34
8	Formant compensation for auditory feedback with English vowels. Journal of the Acoustical Society of America, 2015, 138, 413-424.	1.1	31
9	Exploring the Relationship Between Working Memory, Compressor Speed, and Background Noise Characteristics. Ear and Hearing, 2016, 37, 137-143.	2.1	29
10	Multivoxel Patterns Reveal Functionally Differentiated Networks Underlying Auditory Feedback Processing of Speech. Journal of Neuroscience, 2013, 33, 4339-4348.	3.6	23
11	Perceiving a Stranger's Voice as Being One's Own: A â€˜Rubber Voiceâ€™ Illusion?. PLoS ONE, 2011, 6, e18655.	2.5	22
12	Word Recognition for Temporally and Spectrally Distorted Materials. Ear and Hearing, 2012, 33, 349-366.	2.1	20
13	Predicting binaural speech intelligibility using the signal-to-noise ratio in the envelope power spectrum domain. Journal of the Acoustical Society of America, 2016, 140, 192-205.	1.1	20
14	Spectral information for detection of acoustic time to arrival. Attention, Perception, and Psychophysics, 2013, 75, 738-750.	1.3	19
15	Temporal control and compensation for perturbed voicing feedback. Journal of the Acoustical Society of America, 2014, 135, 2986-2994.	1.1	18
16	Effects on speech intelligibility of temporal jittering and spectral smearing of the high-frequency components of speech. Hearing Research, 2010, 261, 63-66.	2.0	15
17	Effects of Slow- and Fast-Acting Compression on Hearing-Impaired Listenersâ€™ Consonantâ€“Vowel Identification in Interrupted Noise. Trends in Hearing, 2018, 22, 233121651880087.	1.3	15
18	Inversion of auditory spectrograms, traditional spectrograms, and other envelope representations. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, , 1-1.	5.8	13

#	Article	IF	Citations
19	Face configuration affects speech perception: Evidence from a McGurk mismatch negativity study. Neuropsychologia, 2015, 66, 48-54.	1.6	13
20	Contribution of envelope periodicity to release from speech-on-speech masking. Journal of the Acoustical Society of America, 2013, 134, 2197-2204.	1.1	12
21	Temporal Fine-Structure Coding and Lateralized Speech Perception in Normal-Hearing and Hearing-Impaired Listeners. Trends in Hearing, 2016, 20, 233121651666096.	1.3	12
22	Variations in voice level and fundamental frequency with changing background noise level and talker-to-listener distance while wearing hearing protectors: A pilot study. International Journal of Audiology, 2016, 55, S13-S20.	1.7	7
23	Effects of Noise and Second Language on Conversational Dynamics in Task Dialogue. Trends in Hearing, 2021, 25, 233121652110244.	1.3	6
24	Investigating time-efficiency of forward masking paradigms for estimating basilar membrane input-output characteristics. PLoS ONE, 2017, 12, e0174776.	2.5	5
25	Assessment of broadband SNR estimation for hearing aid applications. , 2017, , .		4
26	Modeling Speech Level as a Function of Background Noise Level and Talker-to-Listener Distance for Talkers Wearing Hearing Protection Devices. Journal of Speech, Language, and Hearing Research, 2017, 60, 3393-3403.	1.6	3
27	Speech production in amplitude-modulated noise. Proceedings of Meetings on Acoustics, 2013, , .	0.3	2
28	Playful Interaction with Voice Sensing Modular Robots. Lecture Notes in Computer Science, 2013, , 180-189.	1.3	1
29	Response to Comment. Ear and Hearing, 2017, 38, 644-645.	2.1	1
30	Assessing the effects of hearing-aid compression on auditory spectral and temporal resolution using an auditory modeling framework. Acoustical Science and Technology, 2020, 41, 214-222.	0.5	1
31	Sensory Aging: Hearing. , 2009, , 635-640.		0
32	Multimodal Speech Perception. , 2013, , .		0
33	Sensory Aging: Hearingâˆ†. , 2017, , .		0
34	Hearing: Psychophysics, Physiology, and Models. Acta Acustica United With Acustica, 2018, 104, 741-747.	0.8	0
35	Effects of Fast-Acting Hearing-Aid Compression on Audibility, Forward Masking and Speech Perception. , 2018, , .		0
36	Comparison of Behavioral and Physiological Measures of the Status of the Cochlear Nonlinearity. Trends in Hearing, 2021, 25, 233121652110161.	1.3	0

#	Article	IF	Citations
37	The effect of compression on tuning estimates in a simple nonlinear auditory filter model. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0