Rebecca E Millman

List of Publications by Year
in descending order

32 papers	1,032 citations	471371 17 h-index	477173 29 g-index
35 all docs	35 docs citations	35 times ranked	1040 citing authors

#	Article	IF	Citations
1	Impaired speech perception in noise with a normal audiogram: No evidence for cochlear synaptopathy and no relation to lifetime noise exposure. Hearing Research, 2018, 364, 142-151.	0.9	134
2	Measures of Listening Effort Are Multidimensional. Ear and Hearing, 2019, 40, 1084-1097.	1.0	120
3	Effects of noise exposure on young adults with normal audiograms II: Behavioral measures. Hearing Research, 2017, 356, 74-86.	0.9	93
4	Causal cortical dynamics of a predictive enhancement of speech intelligibility. NeuroImage, 2018, 166, 247-258.	2.1	84
5	The Role of Phase-locking to the Temporal Envelope of Speech in Auditory Perception and Speech Intelligibility. Journal of Cognitive Neuroscience, 2015, 27, 533-545.	1.1	67
6	Magnified Neural Envelope Coding Predicts Deficits in Speech Perception in Noise. Journal of Neuroscience, 2017, 37, 7727-7736.	1.7	53
7	Supra-threshold auditory brainstem response amplitudes in humans: Test-retest reliability, electrode montage and noise exposure. Hearing Research, 2018, 364, 38-47.	0.9	53
8	Oscillatory Dynamics Supporting Semantic Cognition: MEG Evidence for the Contribution of the Anterior Temporal Lobe Hub and Modality-Specific Spokes. PLoS ONE, 2017, 12, e0169269.	1.1	37
9	Dynamic semantic cognition: Characterising coherent and controlled conceptual retrieval through time using magnetoencephalography and chronometric transcranial magnetic stimulation. Cortex, 2018, 103, 329-349.	1.1	35
10	Early Activity in Broca's Area During Reading Reflects Fast Access to Articulatory Codes From Print. Cerebral Cortex, 2015, 25, 1715-1723.	1.6	34
11	Task-based and resting-state fMRI reveal compensatory network changes following damage to left inferior frontal gyrus. Cortex, 2018, 99, 150-165.	1.1	34
12	Effects of Age and Noise Exposure on Proxy Measures of Cochlear Synaptopathy. Trends in Hearing, 2019, 23, 233121651987730.	0.7	33
13	Anterior paracingulate and cingulate cortex mediates the effects of cognitive load on speech sound discrimination. NeuroImage, 2018, 178, 735-743.	2.1	32
14	Spatiotemporal reconstruction of the auditory steady-state response to frequency modulation using magnetoencephalography. NeuroImage, 2010, 49, 745-758.	2.1	29
15	DataViewer3D: An open-source, cross-platform multi-modal neuroimaging data visualization tool. Frontiers in Neuroinformatics, 2009, 3, 9.	1.3	24
16	Magnetoencephalography to investigate central perception of exercise-induced breathlessness in people with chronic lung disease: a feasibility pilot. BMJ Open, 2015, 5, e007535-e007535.	0.8	24
17	Representations of the temporal envelope of sounds in human auditory cortex: Can the results from invasive intracortical â€œdepthâ€•electrode recordings be replicated using non-invasive MEG â€œvirtual electrodesâ€? NeuroImage, 2013, 64, 185-196.	2.1	23
18	Auditory Verbal Working Memory as a Predictor of Speech Perception in Modulated Maskers in Listeners With Normal Hearing. Journal of Speech, Language, and Hearing Research, 2017, 60, 1236-1245.	0.7	19

#	Article	IF	Citations
19	Dimensions of self-reported listening effort and fatigue on a digits-in-noise task, and association with baseline pupil size and performance accuracy. International Journal of Audiology, 2021, 60, 762-772.	0.9	15
20	On the mechanisms involved in the recovery of envelope information from temporal fine structure. Journal of the Acoustical Society of America, 2011, 130, 273-282.	0.5	14
21	Neural mechanisms underlying song and speech perception can be differentiated using an illusory percept. NeuroImage, 2015, 108, 225-233.	2.1	11
22	Functional asymmetries in the representation of noise-vocoded speech. NeuroImage, 2011, 54, 2364-2373.	2.1	9
23	Effectiveness of Hearing Rehabilitation for Care Home Residents With Dementia: A Systematic Review. Journal of the American Medical Directors Association, 2022, 23, 450-460.e4.	1.2	9
24	The influence of spread of excitation on the detection of amplitude modulation imposed on sinusoidal carriers at high levels. Journal of the Acoustical Society of America, 2008, 123, 1008-1016.	0.5	8
25	Effect of a noise modulation masker on the detection of second-order amplitude modulation. Hearing Research, 2003, 178, 1-11.	0.9	7
26	The association between subcortical and cortical fMRI and lifetime noise exposure in listeners with normal hearing thresholds. NeuroImage, 2020, 204, 116239.	2.1	7
27	Associations between pre-stimulus alpha power, hearing level and performance in a digits-in-noise task. International Journal of Audiology, 2022, 61, 197-204.	0.9	6
28	Financial reward has differential effects on behavioural and self-report measures of listening effort. International Journal of Audiology, 2021, 60, 900-910.	0.9	6
29	Effect of duration on amplitude-modulation masking. Journal of the Acoustical Society of America, 2002, 111, 2551-2554.	0.5	5
30	Quantifying the Effects of Motivation on Listening Effort: A Systematic Review and Meta-Analysis. Trends in Hearing, 2022, 26, 233121652110599.	0.7	5
31	No Effect of Interstimulus Interval on Acoustic Reflex Thresholds. Trends in Hearing, 2019, 23, 233121651987416.	0.7	2
32	Objective neurophysiological assessment for sound quality perception by hearing-impaired listeners. , 2017, , .		0