

Emily Buss

List of Publications by Year in descending order

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127
papers

2,549
citations

186265

28
h-index

254184

43
g-index

128
all docs

128
docs citations

128
times ranked

1347
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Postponed Follow-Up after Cochlear Implant Activation during the COVID-19 Pandemic on Aided Sound Field Detection and Speech Recognition. <i>Audiology and Neuro-Otology</i> , 2022, 27, 227-234.	1.3	2
2	Speech-in-speech recognition in preschoolers. <i>International Journal of Audiology</i> , 2022, , 1-8.	1.7	3
3	Effect of Protective Face Coverings on Sentence Recognition in Noise for Cochlear Implant Patients. <i>American Journal of Audiology</i> , 2022, 31, 427-432.	1.2	2
4	Effects of word familiarity and receptive vocabulary size on speech-in-noise recognition among young adults with normal hearing. <i>PLoS ONE</i> , 2022, 17, e0264581.	2.5	1
5	Effect of Place-Based Versus Default Mapping Procedures on Masked Speech Recognition: Simulations of Cochlear Implant Alone and Electric-Acoustic Stimulation. <i>American Journal of Audiology</i> , 2022, 31, 322-337.	1.2	11
6	FORUM: Remote testing for psychological and physiological acoustics. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 3116-3128.	1.1	12
7	Independent and Combined Effects of Fundamental Frequency and Vocal Tract Length Differences for School-Age Children's Sentence Recognition in a Two-Talker Masker. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 206-217.	1.6	8
8	Spatial Release From Masking in Pediatric Cochlear Implant Recipients With Single-Sided Deafness. <i>American Journal of Audiology</i> , 2021, 30, 443-451.	1.2	11
9	Does Sentence-Level Coarticulation Affect Speech Recognition in Noise or a Speech Masker?. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 1390-1403.	1.6	1
10	Speech-in-Speech Recognition and Spatially Selective Attention in Children and Adults. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 3617-3626.	1.6	2
11	A Simplified Approach to Quantifying a Child's Bilingual Language Experience. <i>American Journal of Audiology</i> , 2021, 30, 769-776.	1.2	0
12	Spatial Hearing and Functional Auditory Skills in Children With Unilateral Hearing Loss. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 4495-4512.	1.6	13
13	Effects of Self-Generated Noise on Quiet Threshold by Transducer Type in School-Age Children and Adults. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 2027-2033.	1.6	5
14	Cognitive and Linguistic Contributions to Masked Speech Recognition in Children. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 3525-3538.	1.6	26
15	The Clear-Speech Benefit for School-Age Children: Speech-in-Noise and Speech-in-Speech Recognition. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 4265-4276.	1.6	7
16	Psychometric function slope for speech-in-noise and speech-in-speech: Effects of development and aging. <i>Journal of the Acoustical Society of America</i> , 2019, 145, EL284-EL290.	1.1	34
17	Amplitude modulation detection and modulation masking in school-age children and adults. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 2565-2575.	1.1	8
18	Speech recognition for school-age children and adults tested in multi-tone vs multi-noise-band maskers. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 1458-1466.	1.1	3

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19	Auditory sensitivity to spectral modulation phase reversal as a function of modulation depth. PLoS ONE, 2018, 13, e0195686.	2.5	3
20	Cochlear Implantation in Cases of Unilateral Hearing Loss: Initial Localization Abilities. Ear and Hearing, 2017, 38, 611-619.	2.1	53
21	Speech recognition in one- and two-talker maskers in school-age children and adults: Development of perceptual masking and glimpsing. Journal of the Acoustical Society of America, 2017, 141, 2650-2660.	1.1	46
22	Gap Detection in School-Age Children and Adults: Center Frequency and Ramp Duration. Journal of Speech, Language, and Hearing Research, 2017, 60, 172-181.	1.6	9
23	Spatial Release From Masking in Children: Effects of Simulated Unilateral Hearing Loss. Ear and Hearing, 2017, 38, 223-235.	2.1	31
24	Effect of Cochlear Implantation on Quality of Life in Adults with Unilateral Hearing Loss. Audiology and Neuro-Otology, 2017, 22, 259-271.	1.3	70
25	Development of frequency discrimination at 250 Hz is similar for tone and /ba/ stimuli. Journal of the Acoustical Society of America, 2017, 142, EL150-EL154.	1.1	12
26	The Effects of Sensorineural Hearing Impairment on Asynchronous Glimpsing of Speech. PLoS ONE, 2016, 11, e0154920.	2.5	1
27	Masked Speech Perception Thresholds in Infants, Children, and Adults. Ear and Hearing, 2016, 37, 345-353.	2.1	38
28	Development of Open-Set Word Recognition in Children. Ear and Hearing, 2016, 37, 55-63.	2.1	103
29	The effect of noise fluctuation and spectral bandwidth on gap detection. Journal of the Acoustical Society of America, 2016, 139, 1601-1610.	1.1	2
30	Factors responsible for remote-frequency masking in children and adults. Journal of the Acoustical Society of America, 2016, 140, 4367-4377.	1.1	7
31	Cochlear hearing loss and the detection of sinusoidal versus random amplitude modulation. Journal of the Acoustical Society of America, 2016, 140, EL184-EL190.	1.1	6
32	Effect of response context and masker type on word recognition in school-age children and adults. Journal of the Acoustical Society of America, 2016, 140, 968-977.	1.1	29
33	Linguistic Masking Release in School-Age Children and Adults. American Journal of Audiology, 2016, 25, 34-40.	1.2	18
34	Comparison of two cochlear implant coding strategies on speech perception. Cochlear Implants International, 2016, 17, 263-270.	1.2	12
35	The effect of presentation level on spectral weights for sentences. Journal of the Acoustical Society of America, 2016, 139, 466-471.	1.1	7
36	Factors affecting the development of speech recognition in steady and modulated noise. Journal of the Acoustical Society of America, 2016, 139, 2964-2969.	1.1	4

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37	Effects of Self-Generated Noise on Estimates of Detection Threshold in Quiet for School-Age Children and Adults. <i>Ear and Hearing</i> , 2016, 37, 650-659.	2.1	13
38	Speech-evoked ABR: Effects of age and simulated neural temporal jitter. <i>Hearing Research</i> , 2016, 333, 201-209.	2.0	47
39	Temporal Processing Deficits in Middle Age. <i>American Journal of Audiology</i> , 2015, 24, 91-93.	1.2	10
40	Influence of Test Condition on Speech Perception With Electric-Acoustic Stimulation. <i>American Journal of Audiology</i> , 2015, 24, 520-528.	1.2	21
41	Optimal integration of independent observations from Poisson sources. <i>Journal of the Acoustical Society of America</i> , 2015, 137, EL20-EL25.	1.1	0
42	Effect of stimulus bandwidth and duration on monaural envelope correlation perception. <i>Journal of the Acoustical Society of America</i> , 2015, 137, EL51-EL57.	1.1	0
43	Assessing Speech Perception in Children With Hearing Loss. <i>Ear and Hearing</i> , 2015, 36, e57-e60.	2.1	33
44	Masked Sentence Recognition Assessed at Ascending Target-to-Masker Ratios. <i>Ear and Hearing</i> , 2015, 36, e14-e22.	2.1	6
45	Effects of linguistic experience on the ability to benefit from temporal and spectral masker modulation. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 1335-1343.	1.1	10
46	Gap Detection in School-Age Children and Adults: Effects of Inherent Envelope Modulation and the Availability of Cues Across Frequency. <i>Journal of Speech, Language, and Hearing Research</i> , 2014, 57, 1098-1107.	1.6	9
47	Development of speech glimpsing in synchronously and asynchronously modulated noise. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 3594-3600.	1.1	7
48	Factors Affecting Sensitivity to Frequency Change in School-Age Children and Adults. <i>Journal of Speech, Language, and Hearing Research</i> , 2014, 57, 1972-1982.	1.6	18
49	Development and Preliminary Evaluation of a Pediatric Spanish-English Speech Perception Task. <i>American Journal of Audiology</i> , 2014, 23, 158-172.	1.2	40
50	Preliminary evaluation of a two-interval, two-alternative infant behavioral testing procedure. <i>Journal of the Acoustical Society of America</i> , 2014, 136, EL236-EL241.	1.1	7
51	Effects of Nonlinear Frequency Compression on Speech Identification in Children With Hearing Loss. <i>Ear and Hearing</i> , 2014, 35, 353-365.	2.1	24
52	Effects of Hearing Aid Settings for Electric-Acoustic Stimulation. <i>Journal of the American Academy of Audiology</i> , 2014, 25, 133-140.	0.7	13
53	Effect of signal-temporal uncertainty in children and adults: Tone detection in noise or a random-frequency masker. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 4446-4457.	1.1	13
54	The monaural temporal window based on masking period pattern data in school-aged children and adults. <i>Journal of the Acoustical Society of America</i> , 2013, 133, 1586-1597.	1.1	11

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55	Factors Affecting the Processing of Intensity in School-Aged Children. Journal of Speech, Language, and Hearing Research, 2013, 56, 71-80.	1.6	7
56	Release From Perceptual Masking for Children and Adults. Ear and Hearing, 2013, 34, 3-14.	2.1	29
57	Influence of Hearing Loss on Children's Identification of Spondee Words in a Speech-Shaped Noise or a Two-Talker Masker. Ear and Hearing, 2013, 34, 575-584.	2.1	33
58	Monaural envelope correlation perception for bands narrower or wider than a critical band. Journal of the Acoustical Society of America, 2013, 133, 405-416.	1.1	10
59	Across-frequency envelope correlation discrimination and masked signal detection. Journal of the Acoustical Society of America, 2013, 134, 1205-1214.	1.1	2
60	Asynchronous glimpsing of speech: Spread of masking and task set-size. Journal of the Acoustical Society of America, 2012, 132, 1152-1164.	1.1	10
61	Frequency discrimination under conditions of comodulation masking release (L). Journal of the Acoustical Society of America, 2012, 131, 2557-2560.	1.1	3
62	Effects of Age and Hearing Impairment on the Ability to Benefit From Temporal and Spectral Modulation. Ear and Hearing, 2012, 33, 340-348.	2.1	49
63	Binaural beat salience. Hearing Research, 2012, 285, 40-45.	2.0	16
64	Effects of masker envelope irregularities on tone detection in narrowband and broadband noise maskers. Hearing Research, 2012, 294, 73-81.	2.0	3
65	Masked detection and discrimination of tone sequences under conditions of monaural and binaural masking release. Journal of the Acoustical Society of America, 2011, 129, 1482-1489.	1.1	4
66	Exploring the additivity of binaural and monaural masking release. Journal of the Acoustical Society of America, 2011, 129, 2080-2087.	1.1	7
67	Effects of non-simultaneous masking on the binaural masking level difference. Journal of the Acoustical Society of America, 2011, 129, 907-919.	1.1	10
68	Cochlear Implantation in Children with Auditory Neuropathy Spectrum Disorder. Ear and Hearing, 2010, 31, 325-335.	2.1	163
69	Spectral Integration and Bandwidth Effects on Speech Recognition in School-Aged Children and Adults. Ear and Hearing, 2010, 31, 56-62.	2.1	26
70	Spectral profile cues in comodulation masking release. Journal of the Acoustical Society of America, 2010, 127, 3614-3628.	1.1	2
71	The role of off-frequency masking in binaural hearing. Journal of the Acoustical Society of America, 2010, 127, 3666-3677.	1.1	8
72	Excitation-based and informational masking of a tonal signal in a four-tone masker. Journal of the Acoustical Society of America, 2010, 127, 2441-2450.	1.1	9

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73	Monaural temporal integration and temporally selective listening in children and adults. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 3643-3653.	1.1	14
74	Effects of masker envelope coherence on intensity discrimination. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 2467-2478.	1.1	4
75	Spectral integration under conditions of comodulation masking release. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 1612-1621.	1.1	4
76	Within- and across-channel factors in the multiband comodulation masking release paradigm. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 282-293.	1.1	23
77	Masking release for words in amplitude-modulated noise as a function of modulation rate and task. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 269-280.	1.1	28
78	Psychometric functions for pure tone intensity discrimination: Slope differences in school-aged children and adults. <i>Journal of the Acoustical Society of America</i> , 2009, 125, 1050-1058.	1.1	55
79	Features of across-frequency envelope coherence critical for comodulation masking release. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 2455-2466.	1.1	9
80	Effect of Preoperative Residual Hearing on Speech Perception After Cochlear Implantation. <i>Laryngoscope</i> , 2008, 118, 2044-2049.	2.0	39
81	The effect of hearing impairment on the identification of speech that is modulated synchronously or asynchronously across frequency. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 955-962.	1.1	8
82	The effect of masker level uncertainty on intensity discrimination. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 254-264.	1.1	11
83	Across-channel interference in intensity discrimination: The role of practice and listening strategy. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 265-272.	1.1	4
84	Gap detection in modulated noise: Across-frequency facilitation and interference. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 998-1007.	1.1	6
85	Comodulation detection differences in children and adults. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 2213-2219.	1.1	7
86	Factors contributing to comodulation masking release with dichotic maskers. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 1905-1908.	1.1	9
87	Spectral integration of speech bands in normal-hearing and hearing-impaired listeners. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 1105-1115.	1.1	18
88	Interaural Time Discrimination of Envelopes Carried on High-Frequency Tones as a Function of Level and Interaural Carrier Mismatch. <i>Ear and Hearing</i> , 2008, 29, 674-683.	2.1	19
89	The Development of Frequency Weighting for Speech in Children with a History of Otitis Media with Effusion. <i>Ear and Hearing</i> , 2008, 29, 718-724.	2.1	13
90	Multicenter U.S. Bilateral MED-EL Cochlear Implantation Study: Speech Perception over the First Year of Use. <i>Ear and Hearing</i> , 2008, 29, 20-32.	2.1	126

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91	The binaural temporal window in adults and children. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 401-410.	1.1	16
92	Individual differences in the masking level difference with a narrowband masker at 500 or 2000Hz. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 411-419.	1.1	20
93	Spectral integration and wideband analysis in gap detection and overshoot paradigms. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 3598-3608.	1.1	2
94	Gap duration discrimination for frequency-asymmetric gap markers: Psychophysical and electrophysiological findings. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 446-457.	1.1	7
95	Within- and across-channel gap detection in cochlear implant listeners. <i>Journal of the Acoustical Society of America</i> , 2007, 122, 3651-3658.	1.1	9
96	Neural and Behavioral Sensitivity to Interaural Time Differences Using Amplitude Modulated Tones with Mismatched Carrier Frequencies. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2007, 8, 393-408.	1.8	23
97	Binaural comodulation masking release: Effects of masker interaural correlation. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 3878-3888.	1.1	9
98	Temporal processing deficits in the pre-senescent auditory system. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 2305-2315.	1.1	85
99	Comodulation detection differences for fixed-frequency and roved-frequency maskers. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 1021.	1.1	12
100	Development and the role of internal noise in detection and discrimination thresholds with narrow band stimuli. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 2777-2788.	1.1	54
101	MED-EL Combi40+ Cochlear Implantation in Adults. <i>Laryngoscope</i> , 2005, 115, 1568-1573.	2.0	32
102	Informational masking release in children and adults. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 1605-1613.	1.1	45
103	Detection of spectrally complex signals in comodulated maskers: Effect of temporal fringe. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 3774-3782.	1.1	12
104	Across-Channel Spectral Processing. <i>International Review of Neurobiology</i> , 2005, 70, 87-119.	2.0	13
105	MÃ©niÃ©re's Disease: Effects of Glycerol on Tasks Involving Temporal Processing. <i>Audiology and Neuro-Otology</i> , 2004, 9, 115-124.	1.3	7
106	Cochlear Implantation in Patients with Substantial Residual Hearing. <i>Laryngoscope</i> , 2004, 114, 2218-2223.	2.0	66
107	Spectral integration of synchronous and asynchronous cues to consonant identification. <i>Journal of the Acoustical Society of America</i> , 2004, 115, 2278-2285.	1.1	32
108	Temporal Fine-Structure Cues to Speech and Pure Tone Modulation in Observers with Sensorineural Hearing Loss. <i>Ear and Hearing</i> , 2004, 25, 242-250.	2.1	112

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109	The Effect of Temporal Stimulus Characteristics in Maintenance of the Acoustic Reflex. JARO - Journal of the Association for Research in Otolaryngology, 2003, 4, 41-48.	1.8	1
110	Rapid adaptation of the 2f1â€“f2 DPOAE in humans: Binaural and contralateral stimulation effects. Hearing Research, 2003, 182, 140-152.	2.0	38
111	Effect of amplitude modulation coherence for masked speech signals filtered into narrow bands. Journal of the Acoustical Society of America, 2003, 113, 462-467.	1.1	16
112	The masking level difference for signals placed in masker envelope minima and maxima. Journal of the Acoustical Society of America, 2003, 114, 1557-1564.	1.1	16
113	Modulation rate discrimination for unresolved components: Temporal cues related to fine structure and envelope. Journal of the Acoustical Society of America, 2003, 113, 986-993.	1.1	11
114	Virtual pitch integration for asynchronous harmonics. Journal of the Acoustical Society of America, 2002, 112, 2956-2961.	1.1	14
115	Frequency dependent latency and the envelope following response. Acoustics Research Letters Online: ARLO, 2002, 3, 59-64.	0.7	1
116	Gap Duration Discrimination in Listeners with Cochlear Hearing Loss: Effects of Gap and Marker Duration, Frequency Separation, and Mode of Presentation. JARO - Journal of the Association for Research in Otolaryngology, 2001, 2, 388-398.	1.8	25
117	Gap detection for similar and dissimilar gap markers. Journal of the Acoustical Society of America, 2001, 109, 1587-1595.	1.1	40
118	A comparison of threshold estimation methods in children 6â€“11 years of age. Journal of the Acoustical Society of America, 2001, 109, 727-731.	1.1	14
119	Modulation gap detection: Effects of modulation rate, carrier separation, and mode of presentation. Journal of the Acoustical Society of America, 1999, 106, 946-953.	1.1	7
120	Development of Adult-Like Performance in Backward, Simultaneous, and Forward Masking. Journal of Speech, Language, and Hearing Research, 1999, 42, 844-849.	1.6	62
121	Perceptual consequences of peripheral hearing loss: do edge effects exist for abrupt cochlear lesions?. Hearing Research, 1998, 125, 98-108.	2.0	37
122	Change in envelope beats as a possible cue in comodulation masking release (CMR). Journal of the Acoustical Society of America, 1998, 103, 1592-1597.	1.1	7
123	The role of auditory filters in comodulation masking release (CMR). Journal of the Acoustical Society of America, 1998, 103, 3561-3566.	1.1	1
124	The effects of different envelope patterns and uncertainty for the detection of a tone added to SAM complex tonal maskers. Journal of the Acoustical Society of America, 1998, 103, 1058-1066.	1.1	1
125	Effects of modulator phase for comodulation masking release and modulation detection interference. Journal of the Acoustical Society of America, 1997, 102, 468-476.	1.1	19
126	The effects on comodulation masking release of systematic variations in onâ€“and offâ€“frequency masker modulation patterns. Journal of the Acoustical Society of America, 1996, 99, 3109-3118.	1.1	4

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127	Frequency correlation functions for the detection of a tone added to modulated noise maskers. Journal of the Acoustical Society of America, 1996, 99, 1645-1652.	1.1	7