

Virginia Best

List of Publications by Year in descending order

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85
papers

2,707
citations

201674

27
h-index

206112

48
g-index

86
all docs

86
docs citations

86
times ranked

1392
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Attention in Normal and Impaired Hearing. Trends in Amplification, 2008, 12, 283-299.	2.4	335
2	Object continuity enhances selective auditory attention. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13174-13178.	7.1	133
3	The role of high frequencies in speech localization. Journal of the Acoustical Society of America, 2005, 118, 353-363.	1.1	112
4	Listening to every other word: Examining the strength of linkage variables in forming streams of speech. Journal of the Acoustical Society of America, 2008, 124, 3793-3802.	1.1	109
5	Musical training, individual differences and the cocktail party problem. Scientific Reports, 2015, 5, 11628.	3.3	105
6	Visually-guided Attention Enhances Target Identification in a Complex Auditory Scene. JARO - Journal of the Association for Research in Otolaryngology, 2007, 8, 294-304.	1.8	89
7	Stimulus factors influencing spatial release from speech-on-speech masking. Journal of the Acoustical Society of America, 2010, 128, 1965-1978.	1.1	83
8	Determining the energetic and informational components of speech-on-speech masking. Journal of the Acoustical Society of America, 2016, 140, 132-144.	1.1	82
9	Cortical interference effects in the cocktail party problem. Nature Neuroscience, 2007, 10, 1601-1607.	14.8	81
10	Binaural interference and auditory grouping. Journal of the Acoustical Society of America, 2007, 121, 1070-1076.	1.1	78
11	The influence of spatial separation on divided listening. Journal of the Acoustical Society of America, 2006, 120, 1506-1516.	1.1	74
12	The influence of non-spatial factors on measures of spatial release from masking. Journal of the Acoustical Society of America, 2012, 131, 3103-3110.	1.1	60
13	Discrimination of sound source velocity in human listeners. Journal of the Acoustical Society of America, 2002, 111, 1026-1035.	1.1	56
14	Sensorineural hearing loss degrades behavioral and physiological measures of human spatial selective auditory attention. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3286-E3295.	7.1	54
15	Spatial unmasking of birdsong in human listeners: Energetic and informational factors. Journal of the Acoustical Society of America, 2005, 118, 3766-3773.	1.1	52
16	The effect of better-ear glimpsing on spatial release from masking. Journal of the Acoustical Society of America, 2013, 134, 2937-2945.	1.1	49
17	A comparison of CIC and BTE hearing aids for three-dimensional localization of speech. International Journal of Audiology, 2010, 49, 723-732.	1.7	47
18	Separation of concurrent broadband sound sources by human listeners. Journal of the Acoustical Society of America, 2004, 115, 324-336.	1.1	45

#	ARTICLE	IF	CITATIONS
19	Sound Externalization: A Review of Recent Research. Trends in Hearing, 2020, 24, 233121652094839.	1.3	40
20	Role of Binaural Temporal Fine Structure and Envelope Cues in Cocktail-Party Listening. Journal of Neuroscience, 2016, 36, 8250-8257.	3.6	39
21	The Impact of Noise and Hearing Loss on the Processing of Simultaneous Sentences. Ear and Hearing, 2010, 31, 213-220.	2.1	35
22	Spatial release from masking in normally hearing and hearing-impaired listeners as a function of the temporal overlap of competing talkers. Journal of the Acoustical Society of America, 2011, 129, 1616-1625.	1.1	35
23	Use of a glimpsing model to understand the performance of listeners with and without hearing loss in spatialized speech mixtures. Journal of the Acoustical Society of America, 2017, 141, 81-91.	1.1	35
24	An examination of speech reception thresholds measured in a simulated reverberant cafeteria environment. International Journal of Audiology, 2015, 54, 682-690.	1.7	34
25	Spatial unmasking of birdsong in zebra finches (<i>Taeniopygia guttata</i>) and budgerigars (<i>Melopsittacus</i>) Tj ETQq1 1 0,784314 r gBT /Over 0,5 33	0.5	33
26	Speech localization in a multitalker mixture. Journal of the Acoustical Society of America, 2010, 127, 1450-1457.	1.1	32
27	An Energetic Limit on Spatial Release from Masking. JARO - Journal of the Association for Research in Otolaryngology, 2013, 14, 603-610.	1.8	32
28	Sound localization with a preceding distractor. Journal of the Acoustical Society of America, 2007, 121, 420-432.	1.1	31
29	Localization in speech mixtures by listeners with hearing loss. Journal of the Acoustical Society of America, 2011, 129, EL210-EL215.	1.1	29
30	An evaluation of the performance of two binaural beamformers in complex and dynamic multitalker environments. International Journal of Audiology, 2015, 54, 727-735.	1.7	29
31	Listening through hearing aids affects spatial perception and speech intelligibility in normal-hearing listeners. Journal of the Acoustical Society of America, 2018, 144, 2896-2905.	1.1	29
32	Effects of Sensorineural Hearing Loss on Visually Guided Attention in a Multitalker Environment. JARO - Journal of the Association for Research in Otolaryngology, 2009, 10, 142-149.	1.8	28
33	Asymmetries in behavioral and neural responses to spectral cues demonstrate the generality of auditory looming bias. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 9743-9748.	7.1	28
34	The role of syntax in maintaining the integrity of streams of speech. Journal of the Acoustical Society of America, 2014, 135, 766-777.	1.1	26
35	Development and preliminary evaluation of a new test of ongoing speech comprehension. International Journal of Audiology, 2016, 55, 45-52.	1.7	26
36	Exploring the benefit of auditory spatial continuity. Journal of the Acoustical Society of America, 2010, 127, EL258-EL264.	1.1	25

#	ARTICLE	IF	CITATIONS
37	Determining the energetic and informational components of speech-on-speech masking in listeners with sensorineural hearing loss. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 440-457.	1.1	25
38	Energetic and Informational Components of Speech-on-Speech Masking in Binaural Speech Intelligibility and Perceived Listening Effort. <i>Trends in Hearing</i> , 2019, 23, 233121651985459.	1.3	24
39	The Benefit of a Visually Guided Beamformer in a Dynamic Speech Task. <i>Trends in Hearing</i> , 2017, 21, 233121651772230.	1.3	22
40	Effect of audibility on spatial release from speech-on-speech masking. <i>Journal of the Acoustical Society of America</i> , 2015, 138, 3311-3319.	1.1	22
41	Binaural interference in bilateral cochlear-implant listeners. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 2939-2950.	1.1	21
42	Benefits of Acoustic Beamforming for Solving the Cocktail Party Problem. <i>Trends in Hearing</i> , 2015, 19, 233121651559338.	1.3	21
43	Better-ear glimpsing in hearing-impaired listeners. <i>Journal of the Acoustical Society of America</i> , 2015, 137, EL213-EL219.	1.1	20
44	A Dynamic Speech Comprehension Test for Assessing Real-World Listening Ability. <i>Journal of the American Academy of Audiology</i> , 2016, 27, 515-526.	0.7	19
45	Talker identification: Effects of masking, hearing loss, and age. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 1085-1092.	1.1	18
46	How Visual Cues for when to Listen Aid Selective Auditory Attention. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2012, 13, 359-368.	1.8	17
47	Examination of a hybrid beamformer that preserves auditory spatial cues. <i>Journal of the Acoustical Society of America</i> , 2017, 142, EL369-EL374.	1.1	17
48	Development of the Everyday Conversational Sentences in Noise test. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 1562-1576.	1.1	17
49	Evaluation of the NAL Dynamic Conversations Test in older listeners with hearing loss. <i>International Journal of Audiology</i> , 2018, 57, 221-229.	1.7	16
50	Cognitive spare capacity: evaluation data and its association with comprehension of dynamic conversations. <i>Frontiers in Psychology</i> , 2015, 6, 597.	2.1	15
51	A Flexible Question-and-Answer Task for Measuring Speech Understanding. <i>Trends in Hearing</i> , 2016, 20, 233121651667870.	1.3	15
52	A Method for Assessing Auditory Spatial Analysis in Reverberant Multitalker Environments. <i>Journal of the American Academy of Audiology</i> , 2016, 27, 601-611.	0.7	14
53	Acoustic analysis of the directional information captured by five different hearing aid styles. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 818-828.	1.1	12
54	Evaluating the Performance of a Visually Guided Hearing Aid Using a Dynamic Auditory-Visual Word Congruence Task. <i>Ear and Hearing</i> , 2018, 39, 756-769.	2.1	12

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55	Revisiting the detection of interaural time differences in listeners with hearing loss. Journal of the Acoustical Society of America, 2019, 145, EL508-EL513.	1.1	12
56	Binaural sensitivity and release from speech-on-speech masking in listeners with and without hearing loss. Journal of the Acoustical Society of America, 2020, 147, 1546-1561.	1.1	12
57	Spatial release from masking as a function of the spectral overlap of competing talkers. Journal of the Acoustical Society of America, 2013, 133, 3677-3680.	1.1	11
58	The importance of a broad bandwidth for understanding "glimpsed" speech. Journal of the Acoustical Society of America, 2019, 146, 3215-3221.	1.1	11
59	Streaming and sound localization with a preceding distractor. Journal of the Acoustical Society of America, 2017, 141, EL331-EL337.	1.1	10
60	Age-Related Changes in Segregation of Sound Sources. Springer Handbook of Auditory Research, 2020, , 143-171.	0.7	10
61	The extent to which a position-based explanation accounts for binaural release from informational masking. Journal of the Acoustical Society of America, 2008, 124, 439-449.	1.1	9
62	A "Buildup" of Speech Intelligibility in Listeners With Normal Hearing and Hearing Loss. Trends in Hearing, 2018, 22, 233121651880751.	1.3	9
63	A harmonic-cancellation-based model to predict speech intelligibility against a harmonic masker. Journal of the Acoustical Society of America, 2020, 148, 3246-3254.	1.1	9
64	Speech detection and localization in a reverberant multitalker environment by normal-hearing and hearing-impaired listeners. Journal of the Acoustical Society of America, 2020, 147, 1469-1477.	1.1	9
65	Benefits of Beamforming With Local Spatial-Cue Preservation for Speech Localization and Segregation. Trends in Hearing, 2020, 24, 233121651989690.	1.3	8
66	Spectro-temporal weighting of interaural time differences in speech. Journal of the Acoustical Society of America, 2020, 147, 3883-3894.	1.1	7
67	On the Contribution of Target Audibility to Performance in Spatialized Speech Mixtures. Advances in Experimental Medicine and Biology, 2016, 894, 83-91.	1.6	7
68	Informational Masking in Normal-Hearing and Hearing-Impaired Listeners Measured in a Nonspeech Pattern Identification Task. Trends in Hearing, 2016, 20, 233121651663851.	1.3	6
69	Phase effects on the perceived elevation of complex tones. Journal of the Acoustical Society of America, 2010, 127, 3060-3072.	1.1	5
70	Individual differences in speech intelligibility at a cocktail party: A modeling perspective. Journal of the Acoustical Society of America, 2021, 150, 1076-1087.	1.1	5
71	Modeling Binaural Speech Understanding in Complex Situations. Modern Acoustics and Signal Processing, 2020, , 547-578.	0.8	5
72	Can background noise increase the informational masking in a speech mixture?. Journal of the Acoustical Society of America, 2020, 147, EL144-EL150.	1.1	4

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73	Measuring Speech Intelligibility and Hearing-Aid Benefit Using Everyday Conversational Sentences in Real-World Environments. <i>Frontiers in Neuroscience</i> , 2022, 16, 789565.	2.8	4
74	The importance of processing resolution in "ideal time-frequency segregation" of masked speech and the implications for predicting speech intelligibility. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 1648-1660.	1.1	3
75	Investigating the role of harmonic cancellation in speech-on-speech masking. <i>Hearing Research</i> , 2022, 426, 108562.	2.0	3
76	Perceiving sequential dependencies in auditory streams. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 1215-1231.	1.1	2
77	Auditory masking of speech in reverberant multi-talker environments. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 1303-1313.	1.1	2
78	A dynamic binaural harmonic-cancellation model to predict speech intelligibility against a harmonic masker varying in intonation, temporal envelope, and location. <i>Hearing Research</i> , 2022, 426, 108535.	2.0	2
79	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
80	High-resolution temporal weighting of interaural time differences in speech. <i>Journal of the Acoustical Society of America</i> , 2021, 150, 1311-1320.	1.1	1
81	Intracranial lateralization bias observed in the presence of symmetrical hearing thresholds. <i>JASA Express Letters</i> , 2021, 1, 104401.	1.1	1
82	An effect of eye position in cocktail party listening. <i>Proceedings of Meetings on Acoustics</i> , 2020, , .	0.3	1
83	Spatial release from masking for noise-vocoded speech. <i>Proceedings of Meetings on Acoustics</i> , 2013, , .	0.3	0
84	Does providing more processing time improve speech intelligibility in hearing-impaired listeners?. <i>Proceedings of Meetings on Acoustics</i> , 2015, , .	0.3	0
85	Effects of Hearing Loss on Interaural Time Difference Sensitivity at Low and High Frequencies. <i>Trends in Hearing</i> , 2022, 26, 233121652210953.	1.3	0