

Cognitive function in relation to hearing aid use

International Journal of Audiology

42, 49-58

DOI: [10.3109/14992020309074624](https://doi.org/10.3109/14992020309074624)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Cognitive aging and auditory information processing. <i>International Journal of Audiology</i> , 2003, 42, 26-32.	0.9	185
2	Speech understanding in quiet and noise, with and without hearing aids. <i>International Journal of Audiology</i> , 2005, 44, 574-583.	0.9	77
3	Cognitive performance and perceived effort in speech processing tasks: effects of different noise backgrounds in normal-hearing and hearing-impaired subjects Desempeño cognitivo y percepción del esfuerzo en tareas de procesamiento del lenguaje: Efectos de las diferentes condiciones de fondo en sujetos normales e hipoacúsicos. <i>International Journal of Audiology</i> , 2005, 44, 131-143.	0.9	152
4	Linear and nonlinear hearing aid fittings – 2. Patterns of candidature. <i>International Journal of Audiology</i> , 2006, 45, 153-171.	0.9	134
5	Audiologic Management of Older Adults With Hearing Loss and Compromised Cognitive/Psychoacoustic Auditory Processing Capabilities. <i>Trends in Amplification</i> , 2006, 10, 1-28.	2.4	87
6	Effects of Age on Auditory and Cognitive Processing: Implications for Hearing Aid Fitting and Audiologic Rehabilitation. <i>Trends in Amplification</i> , 2006, 10, 29-59.	2.4	343
7	Auditory and nonauditory factors affecting speech reception in noise by older listeners. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 2362-2375.	0.5	116
8	Interactions between Cognition, Compression, and Listening Conditions: Effects on Speech-in-Noise Performance in a Two-Channel Hearing Aid. <i>Journal of the American Academy of Audiology</i> , 2007, 18, 604-617.	0.4	201
9	Recognition of Speech in Noise with New Hearing Instrument Compression Release Settings Requires Explicit Cognitive Storage and Processing Capacity. <i>Journal of the American Academy of Audiology</i> , 2007, 18, 618-631.	0.4	131
10	Phonological Mismatch Makes Aided Speech Recognition in Noise Cognitively Taxing: Retracted Article. <i>Ear and Hearing</i> , 2007, 28, 879-892.	1.0	11
11	The role of the episodic buffer in working memory for language processing. <i>Cognitive Processing</i> , 2008, 9, 19-28.	0.7	78
12	Discrimination of release time constants in hearing-aid compressors. <i>International Journal of Audiology</i> , 2008, 47, 189-198.	0.9	10
13	Are individual differences in speech reception related to individual differences in cognitive ability? A survey of twenty experimental studies with normal and hearing-impaired adults. <i>International Journal of Audiology</i> , 2008, 47, S53-S71.	0.9	534
14	The interference of different background noises on speech processing in elderly hearing impaired subjects. <i>International Journal of Audiology</i> , 2008, 47, S83-S90.	0.9	28
15	Binaural Advantage for Younger and Older Adults With Normal Hearing. <i>Journal of Speech, Language, and Hearing Research</i> , 2008, 51, 539-556.	0.7	55
16	Investigation of Potential Cognitive Tests for Use with Older Adults in Audiology Clinics. <i>Journal of the American Academy of Audiology</i> , 2008, 19, 533-541.	0.4	19
17	The Design of a Project to Assess Bilateral Versus Unilateral Hearing Aid Fitting. <i>Trends in Amplification</i> , 2008, 12, 137-144.	2.4	8
18	Phonological mismatch and explicit cognitive processing in a sample of 102 hearing-aid users. <i>International Journal of Audiology</i> , 2008, 47, S91-S98.	0.9	59

#	ARTICLE	IF	CITATIONS
19	The effect of the base line response on self-adjustments of hearing aid gain. <i>Journal of the Acoustical Society of America</i> , 2008, 124, 1668-1681.	0.5	26
20	Long-Term Signal-to-Noise Ratio at the Input and Output of Amplitude-Compression Systems. <i>Journal of the American Academy of Audiology</i> , 2009, 20, 161-171.	0.4	68
21	Cognition and hearing aids. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 395-403.	0.8	159
22	Cognition and aided speech recognition in noise: Specific role for cognitive factors following nine-week experience with adjusted compression settings in hearing aids. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 405-418.	0.8	90
23	Measuring cognitive factors in speech comprehension: The value of using the Text Reception Threshold test as a visual equivalent of the SRT test. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 507-515.	0.8	43
24	The Signal-Cognition interface: Interactions between degraded auditory signals and cognitive processes. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 385-393.	0.8	98
25	The emergence of Cognitive Hearing Science. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 371-384.	0.8	187
26	Benefit from spatial separation of multiple talkers in bilateral hearing-aid users: Effects of hearing loss, age, and cognition. <i>International Journal of Audiology</i> , 2009, 48, 758-774.	0.9	60
27	Development and Efficacy of a Frequent-Word Auditory Training Protocol for Older Adults with Impaired Hearing. <i>Ear and Hearing</i> , 2009, 30, 613-627.	1.0	55
28	The Influence of Age, Hearing, and Working Memory on the Speech Comprehension Benefit Derived from an Automatic Speech Recognition System. <i>Ear and Hearing</i> , 2009, 30, 262-272.	1.0	23
29	Speech recognition, working memory and conversation in children with cochlear implants. <i>Deafness and Education International</i> , 2009, 11, 132-151.	0.8	21
30	Spatial Benefit of Bilateral Hearing Aids. <i>Ear and Hearing</i> , 2009, 30, 203-218.	1.0	49
31	Impact of Visual Cues on Directional Benefit and Preference: Part II-Field Tests. <i>Ear and Hearing</i> , 2010, 31, 35-46.	1.0	21
32	Neuroanatomical Characteristics and Speech Perception in Noise in Older Adults. <i>Ear and Hearing</i> , 2010, 31, 471-479.	1.0	160
33	Normal Adult Aging and the Contextual Influences Affecting Speech and Meaningful Sound Perception. <i>Trends in Amplification</i> , 2010, 14, 218-232.	2.4	42
34	Auditory Training and Challenges Associated with Participation and Compliance. <i>Journal of the American Academy of Audiology</i> , 2010, 21, 586-593.	0.4	69
35	Short and Long Compression Release Times: Speech Understanding, Real-World Preferences, and Association with Cognitive Ability. <i>Journal of the American Academy of Audiology</i> , 2010, 21, 121-138.	0.4	43
36	Effect of Age on Directional Microphone Hearing Aid Benefit and Preference. <i>Journal of the American Academy of Audiology</i> , 2010, 21, 078-089.	0.4	21

#	ARTICLE	IF	CITATIONS
37	Effects of Senescent Changes in Audition and Cognition on Spoken Language Comprehension. Springer Handbook of Auditory Research, 2010, , 167-210.	0.3	108
38	Successful and unsuccessful users of bilateral amplification: Differences and similarities in binaural performance. International Journal of Audiology, 2010, 49, 613-627.	0.9	23
39	Daily life consequences of hearing loss in the elderly. Disability and Rehabilitation, 2011, 33, 2179-2185.	0.9	57
40	Mismatch negativity and adaptation measures of the late auditory evoked potential in cochlear implant users. Hearing Research, 2011, 275, 17-29.	0.9	42
41	Testing Listening Effort for Speech Comprehension Using the Individuals'™ Cognitive Spare Capacity. Audiology Research, 2011, 1, e22.	0.8	16
42	Is Cognitive Function in Adults with Hearing Impairment Improved by the Use of Hearing Aids?. Clinical and Experimental Otorhinolaryngology, 2011, 4, 72.	1.1	36
43	The Influence of Semantically Related and Unrelated Text Cues on the Intelligibility of Sentences in Noise. Ear and Hearing, 2011, 32, e16-e25.	1.0	73
44	Weighting Function-Based Mapping of Descriptors to Frequency-Gain Curves in Listeners With Hearing Loss. Ear and Hearing, 2011, 32, 399-409.	1.0	6
45	Spatial Selective Auditory Attention in the Presence of Reverberant Energy: Individual Differences in Normal-Hearing Listeners. JARO - Journal of the Association for Research in Otolaryngology, 2011, 12, 395-405.	0.9	64
46	Cognitive Hearing Science. Trends in Amplification, 2011, 15, 140-148.	2.4	28
47	Visual Cues and Listening Effort: Individual Variability. Journal of Speech, Language, and Hearing Research, 2011, 54, 1416-1430.	0.7	89
48	Survey of Audiologic Service Provision to Older Adults With Cochlear Implants. American Journal of Audiology, 2011, 20, 84-89.	0.5	11
49	Own voice qualities (OVQ) in hearing-aid users: There is more than just occlusion. International Journal of Audiology, 2011, 50, 226-236.	0.9	9
50	Problems Hearing in Noise in Older Adults. Trends in Amplification, 2011, 15, 116-126.	2.4	51
51	Working Memory Supports Listening in Noise for Persons with Hearing Impairment. Journal of the American Academy of Audiology, 2011, 22, 156-167.	0.4	169
52	Impact of sensory acuity on auditory working memory span in young and older adults.. Psychology and Aging, 2011, 26, 85-91.	1.4	44
53	Hearing Loss Is Negatively Related to Episodic and Semantic Long-Term Memory but Not to Short-Term Memory. Journal of Speech, Language, and Hearing Research, 2011, 54, 705-726.	0.7	109
54	Characterizing auditory processing and perception in individual listeners with sensorineural hearing loss. Journal of the Acoustical Society of America, 2011, 129, 262-281.	0.5	52

#	ARTICLE	IF	CITATIONS
55	Relating binaural pitch perception to the individual listener's auditory profile. <i>Journal of the Acoustical Society of America</i> , 2012, 131, 2968-2986.	0.5	26
56	The Influence of Environmental Sound Training on the Perception of Spectrally Degraded Speech and Environmental Sounds. <i>Trends in Amplification</i> , 2012, 16, 83-101.	2.4	20
57	Hearing Technology and Cognition. <i>American Journal of Audiology</i> , 2012, 21, 338-343.	0.5	46
58	New Measures of Masked Text Recognition in Relation to Speech-in-Noise Perception and Their Associations With Age and Cognitive Abilities. <i>Journal of Speech, Language, and Hearing Research</i> , 2012, 55, 194-209.	0.7	56
59	Working Memory Capacity May Influence Perceived Effort during Aided Speech Recognition in Noise. <i>Journal of the American Academy of Audiology</i> , 2012, 23, 577-589.	0.4	122
60	Hearing Deficits in the Older Patient. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 1185.	3.8	102
61	Speech-in-speech recognition: A training study. <i>Language and Cognitive Processes</i> , 2012, 27, 1089-1107.	2.3	17
62	Working memory compensates for hearing related phonological processing deficit. <i>Journal of Communication Disorders</i> , 2013, 46, 17-29.	0.8	47
63	A dynamic auditory-cognitive system supports speech-in-noise perception in older adults. <i>Hearing Research</i> , 2013, 300, 18-32.	0.9	193
64	CHENFIT-AMP, A Nonlinear Fitting and Amplification Strategy for Cochlear Hearing Loss. <i>IEEE Transactions on Biomedical Engineering</i> , 2013, 60, 3226-3237.	2.5	2
65	Relationships between self-report and cognitive measures of hearing aid outcome. <i>Speech, Language and Hearing</i> , 2013, 16, 197-207.	0.6	31
66	Cognitive Spare Capacity as a Window on Hearing Aid Benefit. <i>Seminars in Hearing</i> , 2013, 34, 298-307.	0.5	17
67	A Brief Overview of Factors Affecting Speech Intelligibility of People With Hearing Loss: Implications for Amplification. <i>American Journal of Audiology</i> , 2013, 22, 306-309.	0.5	26
68	Understanding Excessive SNR Loss in Hearing-Impaired Listeners. <i>Journal of the American Academy of Audiology</i> , 2013, 24, 258-273.	0.4	34
69	Does cognitive function predict frequency compressed speech recognition in listeners with normal hearing and normal cognition?. <i>International Journal of Audiology</i> , 2013, 52, 14-22.	0.9	36
70	Integrating cognitive and peripheral factors in predicting hearing-aid processing effectiveness. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 4458-4469.	0.5	15
71	The Effects of Short-Term Computerized Speech-in-Noise Training on Postlingually Deafened Adult Cochlear Implant Recipients. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 81-88.	0.7	48
72	Listening Effort With Cochlear Implant Simulations. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 1075-1084.	0.7	87

#	ARTICLE	IF	CITATIONS
73	Cognitive Abilities Relate to Self-Reported Hearing Disability. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 1364-1372.	0.7	33
74	How Hearing Aids, Background Noise, and Visual Cues Influence Objective Listening Effort. <i>Ear and Hearing</i> , 2013, 34, e52-e64.	1.0	104
75	The Effects of Hearing Impairment and Aging on Spatial Processing. <i>Ear and Hearing</i> , 2013, 34, 15-28.	1.0	125
76	Effects of noise and working memory capacity on memory processing of speech for hearing-aid users. <i>International Journal of Audiology</i> , 2013, 52, 433-441.	0.9	181
77	Working Memory, Age, and Hearing Loss. <i>Ear and Hearing</i> , 2013, 34, 251-260.	1.0	129
78	How Linguistic Closure and Verbal Working Memory Relate to Speech Recognition in Noise – A Review. <i>Trends in Amplification</i> , 2013, 17, 75-93.	2.4	119
79	Evaluation of the Hearing Aid Rehabilitation Questionnaire in Dutch: Examination of Its Psychometric Properties and Potential Use as A Screening Instrument. <i>Audiology Research</i> , 2013, 3, 32-41.	0.8	3
80	Perfil dos usuÁrios de AASI com vistas Á amplificaÃ§Ã£o, cogniÃ§Ã£o e processamento auditivo. <i>Revista CEFAC: AtualizaÃ§Ã£o CientÍfica Em Fonoaudiologia</i> , 2013, 15, 1125-1136.	0.2	3
81	Early ERP Signature of Hearing Impairment in Visual Rhyme Judgment. <i>Frontiers in Psychology</i> , 2013, 4, 241.	1.1	14
82	The Ease of Language Understanding (ELU) model: theoretical, empirical, and clinical advances. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 31.	1.2	647
83	Memory performance on the Auditory Inference Span Test is independent of background noise type for young adults with normal hearing at high speech intelligibility. <i>Frontiers in Psychology</i> , 2014, 5, 1490.	1.1	4
84	Cognitive spare capacity in older adults with hearing loss. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 96.	1.7	40
85	Sensitivity to temporal fine structure and hearing-aid outcomes in older adults. <i>Frontiers in Neuroscience</i> , 2014, 8, 7.	1.4	17
86	Relating hearing loss and executive functions to hearing aid users' preference for, and speech recognition with, different combinations of binaural noise reduction and microphone directionality. <i>Frontiers in Neuroscience</i> , 2014, 8, 391.	1.4	41
87	Managing Age-Related Hearing Loss: How to Use Hearing Aids Efficiently - A Mini-Review. <i>Gerontology</i> , 2014, 60, 440-447.	1.4	12
88	Listening effort and fatigue: What exactly are we measuring? A British Society of Audiology Cognition in Hearing Special Interest Group "white paper"™. <i>International Journal of Audiology</i> , 2014, 53, 433-445.	0.9	356
89	Correlations of decision weights and cognitive function for the masked discrimination of vowels by young and old adults. <i>Hearing Research</i> , 2014, 317, 9-14.	0.9	6
90	Effects of masker type, sentence context, and listener age on speech recognition performance in 1-back listening tasks. <i>Journal of the Acoustical Society of America</i> , 2014, 136, 3337-3349.	0.5	14

#	ARTICLE	IF	CITATIONS
91	The Role of Spectral Resolution, Working Memory, and Audibility in Explaining Variance in Susceptibility to Temporal Envelope Distortion. <i>Journal of the American Academy of Audiology</i> , 2014, 25, 592-604.	0.4	21
92	Cognitive Spare Capacity and Speech Communication: A Narrative Overview. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	43
93	Do Hearing Loss and Cognitive Function Modulate Benefit From Different Binaural Noise-Reduction Settings?. <i>Ear and Hearing</i> , 2014, 35, e52-e62.	1.0	35
94	The Effect of Hearing Aid Noise Reduction on Listening Effort in Hearing-Impaired Adults. <i>Ear and Hearing</i> , 2014, 35, 600-610.	1.0	109
95	Perceptual Consequences of Different Signal Changes Due to Binaural Noise Reduction. <i>Ear and Hearing</i> , 2014, 35, e213-e227.	1.0	26
96	Relating Working Memory to Compression Parameters in Clinically Fit Hearing Aids. <i>American Journal of Audiology</i> , 2014, 23, 394-401.	0.5	49
97	Dynamic Relation Between Working Memory Capacity and Speech Recognition in Noise During the First 6 Months of Hearing Aid Use. <i>Trends in Hearing</i> , 2014, 18, 233121651455868.	0.7	30
98	The impact of aging and hearing status on verbal short-term memory. <i>Aging, Neuropsychology, and Cognition</i> , 2014, 21, 464-482.	0.7	19
99	Verbal fluency in adults with postlingually acquired hearing impairment. <i>Speech, Language and Hearing</i> , 2014, 17, 88-100.	0.6	11
100	Assessing listening effort by measuring short-term memory storage and processing of speech in noise. <i>Speech, Language and Hearing</i> , 2014, 17, 123-132.	0.6	18
101	How Does Auditory Training Work? Joined-Up Thinking and Listening. <i>Seminars in Hearing</i> , 2015, 36, 237-249.	0.5	14
102	Working memory training to improve speech perception in noise across languages. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 3477-3486.	0.5	32
103	Effects of Steady-State Noise on Verbal Working Memory in Young Adults. <i>Journal of Speech, Language, and Hearing Research</i> , 2015, 58, 1793-1804.	0.7	11
104	Cognitive hearing aids? Insights and possibilities. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	1
105	Construct Validity of the Ecological Momentary Assessment in Audiology Research. <i>Journal of the American Academy of Audiology</i> , 2015, 26, 872-884.	0.4	45
106	Evaluation of Speech Perception via the Use of Hearing Loops and Telecoils. <i>Gerontology and Geriatric Medicine</i> , 2015, 1, 233372141559193.	0.8	0
107	Age-group differences in speech identification despite matched audiometrically normal hearing: contributions from auditory temporal processing and cognition. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 347.	1.7	310
108	Hearing loss impacts neural alpha oscillations under adverse listening conditions. <i>Frontiers in Psychology</i> , 2015, 6, 177.	1.1	62

#	ARTICLE	IF	CITATIONS
109	Auditory training can improve working memory, attention, and communication in adverse conditions for adults with hearing loss. <i>Frontiers in Psychology</i> , 2015, 6, 556.	1.1	81
110	Cognitive spare capacity: evaluation data and its association with comprehension of dynamic conversations. <i>Frontiers in Psychology</i> , 2015, 6, 597.	1.1	15
111	How does susceptibility to proactive interference relate to speech recognition in aided and unaided conditions?. <i>Frontiers in Psychology</i> , 2015, 6, 1017.	1.1	2
112	Associations between speech understanding and auditory and visual tests of verbal working memory: effects of linguistic complexity, task, age, and hearing loss. <i>Frontiers in Psychology</i> , 2015, 6, 1394.	1.1	41
113	Speech-in-Speech Listening on the LiSN-S Test by Older Adults With Good Audiograms Depends on Cognition and Hearing Acuity at High Frequencies. <i>Ear and Hearing</i> , 2015, 36, 24-41.	1.0	62
114	Development of a German reading span test with dual task design for application in cognitive hearing research. <i>International Journal of Audiology</i> , 2015, 54, 136-141.	0.9	25
115	The Cost-Effectiveness of Different Hearing Screening Strategies for 50- to 70-Year-Old Adults: A Markov Model. <i>Value in Health</i> , 2015, 18, 560-569.	0.1	12
116	A multimodal human machine interface for a robotic mobility aid. , 2015, , .		4
117	Hearing Aid Use in Everyday Life: Managing Contextual Variability. <i>Gerontology</i> , 2015, 61, 158-165.	1.4	10
118	Noise Reduction Improves Memory for Target Language Speech in Competing Native but Not Foreign Language Speech. <i>Ear and Hearing</i> , 2015, 36, 82-91.	1.0	54
119	Effects of age and hearing loss on the intelligibility of interrupted speech. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 745-756.	0.5	19
120	Predictors of aided speech recognition, with and without frequency compression, in older adults. <i>International Journal of Audiology</i> , 2015, 54, 467-475.	0.9	15
121	The Swedish Hayling task, and its relation to working memory, verbal ability, and speechâ€œrecognitionâ€œinâ€œnoise. <i>Scandinavian Journal of Psychology</i> , 2015, 56, 264-272.	0.8	18
122	Impact of Background Noise and Sentence Complexity on Processing Demands during Sentence Comprehension. <i>Frontiers in Psychology</i> , 2016, 7, 345.	1.1	71
123	Monitoring Alpha Oscillations and Pupil Dilation across a Performance-Intensity Function. <i>Frontiers in Psychology</i> , 2016, 7, 745.	1.1	59
124	On The (Un)importance of Working Memory in Speech-in-Noise Processing for Listeners with Normal Hearing Thresholds. <i>Frontiers in Psychology</i> , 2016, 07, 1268.	1.1	121
125	Development of the Word Auditory Recognition and Recall Measure: A Working Memory Test for Use in Rehabilitative Audiology. <i>Ear and Hearing</i> , 2016, 37, e360-e376.	1.0	36
126	Hearing Loss in Older Age and Its Effect on the Individuals, Their Families and the Community. <i>Monographs in Human Genetics</i> , 0, , 9-18.	0.5	3

#	ARTICLE	IF	CITATIONS
127	Intelligibility and Clarity of Reverberant Speech: Effects of Wide Dynamic Range Compression Release Time and Working Memory. <i>Journal of Speech, Language, and Hearing Research</i> , 2016, 59, 1543-1554.	0.7	28
128	Investigating Differences in Preferred Noise Reduction Strength Among Hearing Aid Users. <i>Trends in Hearing</i> , 2016, 20, 233121651665579.	0.7	18
129	Effects of Age and Working Memory Capacity on Speech Recognition Performance in Noise Among Listeners With Normal Hearing. <i>Ear and Hearing</i> , 2016, 37, 593-602.	1.0	117
130	Are Experienced Hearing Aid Users Faster at Grasping the Meaning of a Sentence Than Inexperienced Users? An Eye-Tracking Study. <i>Trends in Hearing</i> , 2016, 20, 233121651666096.	0.7	12
131	Exploring the Relationship Between Working Memory, Compressor Speed, and Background Noise Characteristics. <i>Ear and Hearing</i> , 2016, 37, 137-143.	1.0	29
132	Hearing impairment, cognition and speech understanding: exploratory factor analyses of a comprehensive test battery for a group of hearing aid users, the n200 study. <i>International Journal of Audiology</i> , 2016, 55, 623-642.	0.9	77
133	Analysis of Performance on Cognitive Test Measures Before, During, and After 6 Months of Hearing Aid Use: A Single-Subject Experimental Design. <i>American Journal of Audiology</i> , 2016, 25, 127-141.	0.5	13
134	Seeing the Talker's Face Improves Free Recall of Speech for Young Adults With Normal Hearing but Not Older Adults With Hearing Loss. <i>Journal of Speech, Language, and Hearing Research</i> , 2016, 59, 590-599.	0.7	10
135	Consequences of Stimulus Type on Higher-Order Processing in Single-Sided Deaf Cochlear Implant Users. <i>Audiology and Neuro-Otology</i> , 2016, 21, 305-315.	0.6	30
136	Spectrotemporal Modulation Sensitivity as a Predictor of Speech-Reception Performance in Noise With Hearing Aids. <i>Trends in Hearing</i> , 2016, 20, 233121651667038.	0.7	31
137	Cochlear Implants in Adults. <i>Otology and Neurotology</i> , 2016, 37, 1238-1245.	0.7	57
138	The Enigma of Poor Performance by Adults With Cochlear Implants. <i>Otology and Neurotology</i> , 2016, 37, 1522-1528.	0.7	106
139	Using Speech Recall in Hearing Aid Fitting and Outcome Evaluation Under Ecological Test Conditions. <i>Ear and Hearing</i> , 2016, 37, 145S-154S.	1.0	45
140	A Model of Auditory-Cognitive Processing and Relevance to Clinical Applicability. <i>Ear and Hearing</i> , 2016, 37, 85S-91S.	1.0	35
141	Hearing Impairment and Cognitive Energy: The Framework for Understanding Effortful Listening (FUEL). <i>Ear and Hearing</i> , 2016, 37, 5S-27S.	1.0	740
142	Speech perception in noise for bilingual listeners with normal hearing. <i>International Journal of Audiology</i> , 2016, 55, 126-134.	0.9	22
143	What works in auditory working memory? A neural oscillations perspective. <i>Brain Research</i> , 2016, 1640, 193-207.	1.1	48
144	Danish reading span data from 283 hearing-aid users, including a sub-group analysis of their relationship to speech-in-noise performance. <i>International Journal of Audiology</i> , 2016, 55, 254-261.	0.9	14

#	ARTICLE	IF	CITATIONS
145	How older adults use cognition in sentence-final word recognition. <i>Aging, Neuropsychology, and Cognition</i> , 2016, 23, 418-444.	0.7	15
146	Speech perception in noise in the elderly: interactions between cognitive performance, depressive symptoms, and education. <i>Brazilian Journal of Otorhinolaryngology</i> , 2017, 83, 195-200.	0.4	9
147	Efficacy of Hearing Aids on the Cognitive Status of Patients with Alzheimer's Disease and Hearing Loss: A Multicenter Controlled Randomized Trial. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 123-137.	1.2	55
148	Impact of cognition and noise reduction on speech perception in adults with unilateral cochlear implants. <i>Cochlear Implants International</i> , 2017, 18, 162-170.	0.5	8
149	Speech Recognition in Adults With Cochlear Implants: The Effects of Working Memory, Phonological Sensitivity, and Aging. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 1046-1061.	0.7	54
150	Individual differences in language and working memory affect children's speech recognition in noise. <i>International Journal of Audiology</i> , 2017, 56, 306-315.	0.9	62
151	Age-Related Changes in Objective and Subjective Speech Perception in Complex Listening Environments. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 3009-3018.	0.7	28
152	Objective Assessment of Listening Effort: Coregistration of Pupillometry and EEG. <i>Trends in Hearing</i> , 2017, 21, 233121651770639.	0.7	53
153	Verbal working memory and inhibition of concentration in adults with cochlear implants. <i>Laryngoscope Investigative Otolaryngology</i> , 2017, 2, 254-261.	0.6	34
154	Working Memory and Speech Recognition in Noise Under Ecologically Relevant Listening Conditions: Effects of Visual Cues and Noise Type Among Adults With Hearing Loss. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 2310-2320.	0.7	9
155	Visual Cues Contribute Differentially to Audiovisual Perception of Consonants and Vowels in Improving Recognition and Reducing Cognitive Demands in Listeners With Hearing Impairment Using Hearing Aids. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 2687-2703.	0.7	20
156	Verbal Working Memory in Children With Cochlear Implants. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 3342-3364.	0.7	36
157	Predictors of Hearing-Aid Outcomes. <i>Trends in Hearing</i> , 2017, 21, 233121651773052.	0.7	51
158	Impact of Noise and Noise Reduction on Processing Effort: A Pupillometry Study. <i>Ear and Hearing</i> , 2017, 38, 690-700.	1.0	77
159	Cognitive factors as predictors of accented speech perception for younger and older adults. <i>Journal of the Acoustical Society of America</i> , 2017, 141, 4652-4659.	0.5	22
160	Auditory Verbal Working Memory as a Predictor of Speech Perception in Modulated Maskers in Listeners With Normal Hearing. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 1236-1245.	0.7	19
161	Neural tracking of attended versus ignored speech is differentially affected by hearing loss. <i>Journal of Neurophysiology</i> , 2017, 117, 18-27.	0.9	96
162	Speech audiometry, speech perception, and cognitive functions. <i>Hno</i> , 2017, 65, 1-4.	0.4	9

#	ARTICLE	IF	CITATIONS
164	Re-examining the relationship between number of cochlear implant channels and maximal speech intelligibility. <i>Journal of the Acoustical Society of America</i> , 2017, 142, EL537-EL543.	0.5	70
165	Continued search for better prediction of aided speech understanding in multi-talker environments. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 2386-2399.	0.5	10
166	Reliability of individual differences in degraded speech perception. <i>Journal of the Acoustical Society of America</i> , 2017, 142, EL461-EL466.	0.5	13
167	Auditory and Non-Auditory Contributions for Unaided Speech Recognition in Noise as a Function of Hearing Aid Use. <i>Frontiers in Psychology</i> , 2017, 8, 219.	1.1	24
168	Cognitive Processing Speed, Working Memory, and the Intelligibility of Hearing Aid-Processed Speech in Persons with Hearing Impairment. <i>Frontiers in Psychology</i> , 2017, 8, 1308.	1.1	24
169	Validation of the Korean Version of the Spatial Hearing Questionnaire for Assessing the Severity and Symmetry of Hearing Impairment. <i>Yonsei Medical Journal</i> , 2017, 58, 842.	0.9	4
170	The Contribution of Cognitive Factors to Individual Differences in Understanding Noise-Vocoded Speech in Young and Older Adults. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 294.	1.0	12
171	Listening Effort Measured in Adults with Normal Hearing and Cochlear Implants. <i>Journal of the American Academy of Audiology</i> , 2017, 28, 685-697.	0.4	33
173	Application of a computer-based neurocognitive assessment battery in the elderly with and without hearing loss. <i>Clinical Interventions in Aging</i> , 2017, Volume 12, 1681-1690.	1.3	26
174	Aging Auditory System and Amplification. , 2017, , .		0
175	Does hearing aid use affect audiovisual integration in mild hearing impairment?. <i>Experimental Brain Research</i> , 2018, 236, 1161-1179.	0.7	15
176	Development and psychometric properties of the sound preference and hearing habits questionnaire (SP-HHQ). <i>International Journal of Audiology</i> , 2018, 57, S118-S129.	0.9	3
177	Perception in attention deficit hyperactivity disorder. <i>ADHD Attention Deficit and Hyperactivity Disorders</i> , 2018, 10, 21-47.	1.7	46
178	Assessment of hearing aid algorithms using a master hearing aid: the influence of hearing aid experience on the relationship between speech recognition and cognitive capacity. <i>International Journal of Audiology</i> , 2018, 57, S105-S111.	0.9	10
179	Extrinsic Cognitive Load Impairs Spoken Word Recognition in High- and Low-Predictability Sentences. <i>Ear and Hearing</i> , 2018, 39, 378-389.	1.0	33
180	Listening Effort: How the Cognitive Consequences of Acoustic Challenge Are Reflected in Brain and Behavior. <i>Ear and Hearing</i> , 2018, 39, 204-214.	1.0	403
181	Auditory Cognitive Training for Pediatric Cochlear Implant Recipients. <i>Ear and Hearing</i> , 2018, 39, 48-59.	1.0	20
182	Auditory Acclimatization to Bilateral Hearing Aids: Effects on Sentence-in-Noise Processing Times and Speech-Evoked Potentials. <i>Ear and Hearing</i> , 2018, 39, 161-171.	1.0	10

#	ARTICLE	IF	CITATIONS
184	Effects of intelligibility on within- and cross-modal sentence recognition memory for native and non-native listeners. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 2871-2881.	0.5	11
185	The Effects of Static and Moving Spectral Ripple Sensitivity on Unaided and Aided Speech Perception in Noise. <i>Journal of Speech, Language, and Hearing Research</i> , 2018, 61, 3113-3126.	0.7	7
186	Exploring the Link Between Cognitive Abilities and Speech Recognition in the Elderly Under Different Listening Conditions. <i>Frontiers in Psychology</i> , 2018, 9, 678.	1.1	34
187	Improving competing voices segregation for hearing impaired listeners using a low-latency deep neural network algorithm. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 172-185.	0.5	23
188	Measuring Listening Effort: Convergent Validity, Sensitivity, and Links With Cognitive and Personality Measures. <i>Journal of Speech, Language, and Hearing Research</i> , 2018, 61, 1463-1486.	0.7	89
189	Cognitive factors contribute to speech perception in cochlear-implant users and age-matched normal-hearing listeners under vocoded conditions. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 195-210.	0.5	43
190	Effects of Age, Cognition, and Neural Encoding on the Perception of Temporal Speech Cues. <i>Frontiers in Neuroscience</i> , 2019, 13, 749.	1.4	45
191	Progression of hearing loss and choice of hearing aids by patients in their 60s, 70s, and 80s and older: experience in the Japanese super-aged era. <i>Acta Oto-Laryngologica</i> , 2019, 139, 1077-1082.	0.3	3
192	The cognitive and psychosocial effects of auditory training and hearing aids in adults with hearing loss. <i>Clinical Interventions in Aging</i> , 2019, Volume 14, 123-135.	1.3	24
193	Visual Rhyme Judgment in Adults With Mild-to-Severe Hearing Loss. <i>Frontiers in Psychology</i> , 2019, 10, 1149.	1.1	6
194	Exploring Differences in Speech Processing Among Older Hearing-Impaired Listeners With or Without Hearing Aid Experience: Eye-Tracking and fMRI Measurements. <i>Frontiers in Neuroscience</i> , 2019, 13, 420.	1.4	4
195	Electrophysiological characteristics in children with listening difficulties, with or without auditory processing disorder. <i>International Journal of Audiology</i> , 2019, 58, 704-716.	0.9	11
196	Noise increases listening effort in normal-hearing young adults, regardless of working memory capacity. <i>Language, Cognition and Neuroscience</i> , 2019, 34, 628-640.	0.7	10
197	Discrimination of Gain Increments in Speech-Shaped Noises. <i>Trends in Hearing</i> , 2019, 23, 233121651882022.	0.7	10
198	Working Memory and Extended High-Frequency Hearing in Adults: Diagnostic Predictors of Speech-in-Noise Perception. <i>Ear and Hearing</i> , 2019, 40, 458-467.	1.0	58
199	Cognitive hearing science and ease of language understanding. <i>International Journal of Audiology</i> , 2019, 58, 247-261.	0.9	106
200	Hearing aid experience and background noise affect the robust relationship between working memory and speech recognition in noise. <i>International Journal of Audiology</i> , 2020, 59, 208-218.	0.9	28
201	Cognitive function and quality of life in older adult patients with cochlear implants. <i>International Journal of Audiology</i> , 2020, 59, 316-322.	0.9	18

#	ARTICLE	IF	CITATIONS
202	Cognitive Functions in Adults Receiving Cochlear Implants: Predictors of Speech Recognition and Changes After Implantation. <i>Otology and Neurotology</i> , 2020, 41, e322-e329.	0.7	48
203	An Integrative Evaluation of the Efficacy of a Directional Microphone and Noise-Reduction Algorithm under Realistic Signal-to-Noise Ratios. <i>Journal of the American Academy of Audiology</i> , 2020, 31, 262-270.	0.4	4
204	Three New Outcome Measures That Tap Into Cognitive Processes Required for Real-Life Communication. <i>Ear and Hearing</i> , 2020, 41, 39S-47S.	1.0	18
205	Consistency of Hearing Aid Setting Preference in Simulated Real-World Environments: Implications for Trainable Hearing Aids. <i>Trends in Hearing</i> , 2020, 24, 233121652093339.	0.7	6
206	Influences of listener gender and working memory capacity on speech recognition in noise for hearing aid users. <i>Speech, Language and Hearing</i> , 2022, 25, 112-124.	0.6	3
207	The effects of task difficulty, background noise and noise reduction on recall. <i>International Journal of Audiology</i> , 2020, 59, 792-800.	0.9	6
208	<p>Auditory Working Memory Explains Variance in Speech Recognition in Older Listeners Under Adverse Listening Conditions</p>. <i>Clinical Interventions in Aging</i> , 2020, Volume 15, 395-406.	1.3	14
209	Impact of hearing aid noise reduction algorithms on the speech-evoked auditory brainstem response. <i>Scientific Reports</i> , 2020, 10, 10773.	1.6	3
210	The role of cognition for speech-in-noise perception: Considering individual listening strategies related to aging and hearing loss. <i>International Journal of Behavioral Development</i> , 2021, 45, 382-388.	1.3	9
211	Measuring the Influence of Noise Reduction on Listening Effort in Hearing-Impaired Listeners Using Response Times to an Arithmetic Task in Noise. <i>Trends in Hearing</i> , 2021, 25, 233121652110144.	0.7	3
212	Hearing Aid Uptake, Benefit, and Use: The Impact of Hearing, Cognition, and Personal Factors. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 651-663.	0.7	14
213	Cognitive Hearing Science: Three Memory Systems, Two Approaches, and the Ease of Language Understanding Model. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 359-370.	0.7	32
214	Evaluation of the efficacy of hearing aids in older adults: a multiparametric longitudinal study protocol. <i>BMC Geriatrics</i> , 2021, 21, 107.	1.1	3
215	Role of semantic context and talker variability in speech perception of cochlear-implant users and normal-hearing listeners. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 1224-1239.	0.5	12
217	Cognitive Flexibility and Inhibition in Individuals with Age-Related Hearing Loss. <i>Geriatrics (Switzerland)</i> , 2021, 6, 22.	0.6	4
218	Interactions between Cognition and Hearing Aid Compression Release Time: Effects of Linguistic Context of Speech Test Materials on Speech-in-Noise Performance. <i>Audiology Research</i> , 2021, 11, 129-149.	0.8	3
219	Evaluating the benefit of hearing aids with motion-based beamformer adaptation in a real-world setup. <i>International Journal of Audiology</i> , 2022, 61, 642-654.	0.9	2
220	Speech Understanding in Modulated Noise and Speech Maskers as a Function of Cognitive Status in Older Adults. <i>American Journal of Audiology</i> , 2021, 30, 642-654.	0.5	5

#	ARTICLE	IF	CITATIONS
221	The Impact of Music Training and Working Memory on Speech Recognition in Older Age. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 4524-4534.	0.7	7
222	Cogmed Training Does Not Generalize to Real-World Benefits for Adult Hearing Aid Users: Results of a Blinded, Active-Controlled Randomized Trial. <i>Ear and Hearing</i> , 2022, 43, 741-763.	1.0	10
223	Hearing Impaired Participants Improve More Under Envelope-Transcranial Alternating Current Stimulation When Signal to Noise Ratio Is High. <i>Neuroscience Insights</i> , 2021, 16, 263310552098885.	0.9	3
224	Speech recognition, working memory and conversation in children with cochlear implants. <i>Deafness and Education International</i> , 2009, 11, 132-151.	0.8	8
225	Investigating the Role of Working Memory in Speech-in-noise Identification for Listeners with Normal Hearing. <i>Advances in Experimental Medicine and Biology</i> , 2016, 894, 29-36.	0.8	50
226	Adaptive Technology. , 2006, , 425-441.		4
227	Relationship Between Working Memory and Speech-in-Noise Recognition in Young and Older Adult Listeners With Age-Appropriate Hearing. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 3545-3553.	0.7	10
228	Serial Recall Predicts Vocoded Sentence Recognition Across Spectral Resolutions. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 1282-1298.	0.7	10
229	Effect of Computerized Auditory Training on Speech Perception of Adults With Hearing Impairment. <i>Perspectives on Aural Rehabilitation and Its Instrumentation</i> , 2013, 20, 91-106.	0.2	8
230	Use of Audiometric Variables to Differentiate Groups of Adults Based on Hearing Aid Ownership and Use. <i>Contemporary Issues in Communication Science and Disorders</i> , 2012, 39, 114-120.	0.4	5
231	The Impact of Subjective and Objective Hearing Loss on Cognition and Memory in Older Adults. <i>Perspectives on Gerontology</i> , 2015, 20, 49-57.	0.2	1
232	Effects of Auditory and Cognitive Aging on Communication. <i>Perspectives on Hearing and Hearing Disorders Research and Research Diagnostics</i> , 2006, 10, 10.	0.4	1
233	Audiovisual Perception of Speech in Noise and Masked Written Text. <i>Ear and Hearing</i> , 2008, 29, 99-111.	1.0	13
234	Aided and Unaided Speech Perception by Older Hearing Impaired Listeners. <i>PLoS ONE</i> , 2015, 10, e0114922.	1.1	21
235	Benefit of hearing aid use in the elderly: the impact of age, cognition and hearing impairment. <i>Acta Otorhinolaryngologica Italica</i> , 2019, 39, 409-418.	0.7	14
236	Pattern and Causes of Hearing Loss Among the Patients Attending in an ENT OPD. <i>Anwer Khan Modern Medical College Journal</i> , 2014, 5, 9-13.	0.1	3
237	Analysis of Correlation between Cognitive Function and Speech Recognition in Noise. <i>Korean Journal of Otorhinolaryngology-Head and Neck Surgery</i> , 2010, 53, 215.	0.0	3
241	Selected Cognitive Factors Associated with Individual Variability in Clinical Measures of Speech Recognition in Noise Amplified by Fast-Acting Compression Among Hearing Aid Users. <i>Noise and Health</i> , 2019, 21, 7.	0.4	4

#	ARTICLE	IF	CITATIONS
242	Issues Related to Hearing Aid Amplification of Older Adults. Perspectives on Hearing and Hearing Disorders Research and Research Diagnostics, 2006, 10, 14.	0.4	0
243	Multichannel Compression Hearing Aids: Perceptual Considerations. ASHA Leader, 2008, 13, 12-19.	0.2	3
244	Psychoacoustic audiometry. , 2008, , 3260-3275.		1
245	Our Emerging Interest in the Interaction of Hearing, Aging, and Cognition for Speech Perception. Perspectives on Hearing and Hearing Disorders Research and Research Diagnostics, 2010, 14, 39.	0.4	0
246	Can Behavioral Speech-In-Noise Tests Improve the Quality of Hearing Aid Fittings?. Perspectives on Audiology, 2011, 7, 8-14.	3.9	0
251	An analysis of error patterns in children's backward digit recall in noise. Noise and Health, 2015, 17, 191.	0.4	0
252	The Effects of Aging on the Components of Auditory " Verbal Short-Term Memory. Psychologica Belgica, 2015, 55, 175-195.	1.0	0
253	Cross-Modal Influences in Sound and Speech. , 2016, , 202-219.		0
254	Current State of Computer-Based Auditory Training Programs. Journal of Clinical Otolaryngology, 2016, 27, 54-66.	0.1	0
255	Cognition and Neural Coding: Perspectives for Audiologists. Perspectives of the ASHA Special Interest Groups, 2018, 3, 61-76.	0.4	0
256	Auditory and Cognitive Attributes of Hearing Aid Acclimatization in Individuals With Sensorineural Hearing Loss. American Journal of Audiology, 2019, 28, 460-470.	0.5	4
257	Fit and Comfort Perception on Hearing Aids: A Pilot Study. Advances in Intelligent Systems and Computing, 2020, , 360-364.	0.5	2
258	Effects of Bimodal and Bilateral Cochlear Implant Use on a Nonauditory Working Memory Task: Reading Span Tests Over 2 Years Following Cochlear Implantation. American Journal of Audiology, 2019, 28, 947-963.	0.5	5
260	Opioid-Induced Hearing Loss and Neonatal Abstinence Syndrome: Clinical Considerations for Audiologists and Recommendations for Future Research. American Journal of Audiology, 2020, 29, 701-709.	0.5	9
261	Analysis for Error Patterns of Consonant-Vowel Combinations in Hearing-Impaired Elderly. Audiology and Speech Research, 2020, 16, 226-235.	0.1	0
262	Validity and reliability of the Persian version of spatial hearing questionnaire. Medical Journal of the Islamic Republic of Iran, 2015, 29, 231.	0.9	9
263	Comfort and fit perception based on 3D anthropometry for ear-related product design. Applied Ergonomics, 2022, 100, 103640.	1.7	4
264	Speech Perception in Noise Is Associated With Different Cognitive Abilities in Chinese-Speaking Older Adults With and Without Hearing Aids. Frontiers in Psychology, 2021, 12, 640300.	1.1	0

#	ARTICLE	IF	CITATIONS
265	Is Having Hearing Loss Fundamentally Different? Multigroup Structural Equation Modeling of the Effect of Cognitive Functioning on Speech Identification. <i>Ear and Hearing</i> , 2022, Publish Ahead of Print, .	1.0	5
266	Speech Perception in Older Adults: An Interplay of Hearing, Cognition, and Learning?. <i>Frontiers in Psychology</i> , 2022, 13, 816864.	1.1	3
267	Effect of Serious Gaming on Speech-in-Noise Intelligibility in Adult Cochlear Implantees: A Randomized Controlled Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2880.	1.0	1
268	The Ease of Language Understanding Model. , 2022, , 197-218.		1
269	The Influence of Noise Type and Semantic Predictability on Word Recall in Older Listeners and Listeners With Hearing Impairment. <i>Journal of Speech, Language, and Hearing Research</i> , 0, , 1-18.	0.7	0
270	Revisiting Auditory Profiling: Can Cognitive Factors Improve the Prediction of Aided Speech-in-Noise Outcome?. <i>Trends in Hearing</i> , 2022, 26, 233121652211138.	0.7	0
271	The cognitive hearing science perspective on perceiving, understanding, and remembering language: The ELU model. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	10
273	Evaluation of the Benefits of Bilateral Fitting in Bone-Anchored Hearing System Users: Spatial Resolution and Memory for Speech. <i>Ear and Hearing</i> , 0, Publish Ahead of Print, .	1.0	0
274	Cognitive Predictors of Perception and Adaptation to Dysarthric Speech in Young Adult Listeners. <i>Journal of Speech, Language, and Hearing Research</i> , 2023, 66, 30-47.	0.7	3
275	Development and Beta Testing of Serious Game-Based Auditory Training Application to Enhance Perceptual Learning of Speech in Cochlear Implant Recipients. <i>American Journal of Audiology</i> , 0, , 1-13.	0.5	0
276	A structural equation mediation model captures the predictions amongst the parameters of the ease of language understanding model. <i>Frontiers in Psychology</i> , 0, 14, .	1.1	0
277	Self-Reported Hearing-Aid Use Patterns in an Adult Danish Population. <i>Audiology Research</i> , 2023, 13, 221-235.	0.8	1