

Adriana A Zekveld

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

4,436
citations

126708

33
h-index

114278

63
g-index

64
all docs

64
docs citations

64
times ranked

2183
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ease of Language Understanding (ELU) model: theoretical, empirical, and clinical advances. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 31.	1.2	647
2	Pupil Response as an Indication of Effortful Listening: The Influence of Sentence Intelligibility. <i>Ear and Hearing</i> , 2010, 31, 480-490.	1.0	312
3	Cognitive Load During Speech Perception in Noise: The Influence of Age, Hearing Loss, and Cognition on the Pupil Response. <i>Ear and Hearing</i> , 2011, 32, 498-510.	1.0	296
4	Top-down and bottom-up processes in speech comprehension. <i>NeuroImage</i> , 2006, 32, 1826-1836.	2.1	191
5	Pupil Dilation Uncovers Extra Listening Effort in the Presence of a Single-Talker Masker. <i>Ear and Hearing</i> , 2012, 33, 291-300.	1.0	173
6	When cognition kicks in: Working memory and speech understanding in noise. <i>Noise and Health</i> , 2010, 12, 263.	0.4	173
7	Cognitive processing load across a wide range of listening conditions: Insights from pupillometry. <i>Psychophysiology</i> , 2014, 51, 277-284.	1.2	170
8	The Pupil Dilation Response to Auditory Stimuli: Current State of Knowledge. <i>Trends in Hearing</i> , 2018, 22, 233121651877717.	0.7	160
9	The eye as a window to the listening brain: Neural correlates of pupil size as a measure of cognitive listening load. <i>NeuroImage</i> , 2014, 101, 76-86.	2.1	130
10	Effects of Hearing Impairment and Hearing Aid Amplification on Listening Effort: A Systematic Review. <i>Ear and Hearing</i> , 2017, 38, 267-281.	1.0	122
11	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
12	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
13	Impact of stimulus-related factors and hearing impairment on listening effort as indicated by pupil dilation. <i>Hearing Research</i> , 2017, 351, 68-79.	0.9	114
14	A home education program for older adults with hearing impairment and their significant others: A randomized trial evaluating short- and long-term effects. <i>International Journal of Audiology</i> , 2005, 44, 255-264.	0.9	99
15	Processing Load Induced by Informational Masking Is Related to Linguistic Abilities. <i>International Journal of Otolaryngology</i> , 2012, 2012, 1-11.	1.0	93
16	The Development of the Text Reception Threshold Test: A Visual Analogue of the Speech Reception Threshold Test. <i>Journal of Speech, Language, and Hearing Research</i> , 2007, 50, 576-584.	0.7	92
17	The effects of working memory capacity and semantic cues on the intelligibility of speech in noise. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 2225-2234.	0.5	88
18	Behavioral and fMRI evidence that cognitive ability modulates the effect of semantic context on speech intelligibility. <i>Brain and Language</i> , 2012, 122, 103-113.	0.8	87

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19	The pupil response reveals increased listening effort when it is difficult to focus attention. <i>Hearing Research</i> , 2015, 323, 81-90.	0.9	79
20	The Influence of Semantically Related and Unrelated Text Cues on the Intelligibility of Sentences in Noise. <i>Ear and Hearing</i> , 2011, 32, e16-e25.	1.0	73
21	The pupil response is sensitive to divided attention during speech processing. <i>Hearing Research</i> , 2014, 312, 114-120.	0.9	69
22	Relations Between Self-Reported Daily-Life Fatigue, Hearing Status, and Pupil Dilation During a Speech Perception in Noise Task. <i>Ear and Hearing</i> , 2018, 39, 573-582.	1.0	69
23	Impact of SNR, masker type and noise reduction processing on sentence recognition performance and listening effort as indicated by the pupil dilation response. <i>Hearing Research</i> , 2018, 365, 90-99.	0.9	68
24	Cognitive processing load during listening is reduced more by decreasing voice similarity than by increasing spatial separation between target and masker speech. <i>Frontiers in Neuroscience</i> , 2014, 8, 88.	1.4	60
25	The influence of non-native language proficiency on speech perception performance. <i>Frontiers in Psychology</i> , 2014, 5, 651.	1.1	59
26	Parasympathetic Nervous System Dysfunction, as Identified by Pupil Light Reflex, and Its Possible Connection to Hearing Impairment. <i>PLoS ONE</i> , 2016, 11, e0153566.	1.1	58
27	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
28	The effect of reward on listening effort as reflected by the pupil dilation response. <i>Hearing Research</i> , 2018, 367, 106-112.	0.9	54
29	The influence of informational masking on speech perception and pupil response in adults with hearing impairment. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 1596-1606.	0.5	48
30	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
31	Longitudinal Relationships Between Decline in Speech-in-Noise Recognition Ability and Cognitive Functioning: The Longitudinal Aging Study Amsterdam. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 1167-1187.	0.7	42
32	The Relationship Between Nonverbal Cognitive Functions and Hearing Loss. <i>Journal of Speech, Language, and Hearing Research</i> , 2007, 50, 74-82.	0.7	39
33	Processing load during listening: The influence of task characteristics on the pupil response. <i>Language and Cognitive Processes</i> , 2013, 28, 426-442.	2.3	37
34	Cortisol, Chromogranin A, and Pupillary Responses Evoked by Speech Recognition Tasks in Normally Hearing and Hard-of-Hearing Listeners: A Pilot Study. <i>Ear and Hearing</i> , 2016, 37, 126S-135S.	1.0	36
35	Cognitive Abilities Relate to Self-Reported Hearing Disability. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 1364-1372.	0.7	33
36	Task Difficulty Differentially Affects Two Measures of Processing Load: The Pupil Response During Sentence Processing and Delayed Cued Recall of the Sentences. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 1156-1165.	0.7	28

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37	Brain Volume Differences Associated With Hearing Impairment in Adults. Trends in Hearing, 2018, 22, 233121651876368.	0.7	25
38	The Influence of Age, Hearing, and Working Memory on the Speech Comprehension Benefit Derived from an Automatic Speech Recognition System. Ear and Hearing, 2009, 30, 262-272.	1.0	23
39	Please try harder! The influence of hearing status and evaluative feedback during listening on the pupil dilation response, saliva-cortisol and saliva alpha-amylase levels. Hearing Research, 2019, 381, 107768.	0.9	23
40	Cortical thickness of left Heschl's gyrus correlates with hearing acuity in adults – A surface-based morphometry study. Hearing Research, 2019, 384, 107823.	0.9	22
41	The Benefit Obtained from Visually Displayed Text from an Automatic Speech Recognizer During Listening to Speech Presented in Noise. Ear and Hearing, 2008, 29, 838-852.	1.0	19
42	Factor Structure and Reliability of the Dutch Version of Seven Scales of the Communication Profile for the Hearing Impaired (CPHI). Journal of Speech, Language, and Hearing Research, 2009, 52, 454-464.	0.7	19
43	In a Concurrent Memory and Auditory Perception Task, the Pupil Dilation Response Is More Sensitive to Memory Load Than to Auditory Stimulus Characteristics. Ear and Hearing, 2019, 40, 272-286.	1.0	18
44	The Pupil Dilation Response During Speech Perception in Dark and Light: The Involvement of the Parasympathetic Nervous System in Listening Effort. Trends in Hearing, 2018, 22, 233121651881660.	0.7	15
45	The effect of monetary reward on listening effort and sentence recognition. Hearing Research, 2021, 406, 108255.	0.9	15
46	User Evaluation of a Communication System That Automatically Generates Captions to Improve Telephone Communication. Trends in Amplification, 2009, 13, 44-68.	2.4	13
47	The Application of Pupillometry in Hearing Science to Assess Listening Effort. Trends in Hearing, 2018, 22, 233121651879943.	0.7	13
48	Pupil light reflex evoked by light-emitting diode and computer screen: Methodology and association with need for recovery in daily life. PLoS ONE, 2018, 13, e0197739.	1.1	13
49	Audiovisual Perception of Speech in Noise and Masked Written Text. Ear and Hearing, 2008, 29, 99-111.	1.0	13
50	Effects of Second Language Proficiency and Linguistic Uncertainty on Recognition of Speech in Native and Nonnative Competing Speech. Journal of Speech, Language, and Hearing Research, 2018, 61, 1815-1830.	0.7	10
51	Native and Non-native Speech Perception by Hearing-Impaired Listeners in Noise- and Speech Maskers. Trends in Hearing, 2015, 19, 233121651557912.	0.7	8
52	Reading Behind the Lines: The Factors Affecting the Text Reception Threshold in Hearing Aid Users. Journal of Speech, Language, and Hearing Research, 2018, 61, 762-775.	0.7	8
53	The Presence of Another Individual Influences Listening Effort, But Not Performance. Ear and Hearing, 2021, Publish Ahead of Print, 1577-1589.	1.0	8
54	Social observation increases the cardiovascular response of hearing-impaired listeners during a speech reception task. Hearing Research, 2021, 410, 108334.	0.9	7

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55	Investigating the Influences of Task Demand and Reward on Cardiac Pre-Ejection Period Reactivity During a Speech-in-Noise Task. <i>Ear and Hearing</i> , 2021, 42, 718-731.	1.0	7
56	Effect of Speech-to-Noise Ratio and Luminance on a Range of Current and Potential Pupil Response Measures to Assess Listening Effort. <i>Trends in Hearing</i> , 2021, 25, 233121652110093.	0.7	6
57	The Influence of Hearing Loss on Cognitive Control in an Auditory Conflict Task: Behavioral and Pupillometry Findings. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 2483-2492.	0.7	5
58	Approaches to mathematical modeling of context effects in sentence recognition. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 1371-1383.	0.5	3
59	Informational masking with speech-on-speech intelligibility: Pupil response and time-course of learning. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 2353-2366.	0.5	3
60	Subjective ratings of masker disturbance during the perception of native and non-native speech. <i>Frontiers in Psychology</i> , 2015, 7, 1065.	1.1	2
61	Assessment of the psychometric properties of the AQoL-4D questionnaire in Kannada language for use with adults with hearing loss. <i>International Journal of Audiology</i> , 2019, 58, 326-332.	0.9	2
62	Corrigendum to "Behavioral and fMRI evidence that cognitive ability modulates the effect of semantic context on speech intelligibility" [Brain Lang. 122 (2012) 103-113]. <i>Brain and Language</i> , 2012, 123, 143.	0.8	1
63	The Influence of Linguistic Proficiency on Masked Text Recognition Performance in Adults With and Without Congenital Hearing Impairment. <i>Ear and Hearing</i> , 2016, 37, 547-559.	1.0	1
64	Editorial: Cognitive Hearing Mechanisms of Language Understanding: Short- and Long-Term Perspectives. <i>Frontiers in Psychology</i> , 2017, 8, 1060.	1.1	1