

Mary Rudner

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94
papers

3,846
citations

30
h-index

61
g-index

102
ext. papers

4,477
ext. citations

2.9
avg, IF

5.58
L-index

#	Paper	IF	Citations
94	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	2.8	11
93	Working Memory for Signs with Poor Visual Resolution: fMRI Evidence of Reorganization of Auditory Cortex in Deaf Signers. <i>Cerebral Cortex</i> , 2021 , 31, 3165-3176	5.1	1
92	Development of an Auditory Passage Comprehension Task for Swedish Primary School Children of Cultural and Linguistic Diversity. <i>Journal of Speech, Language, and Hearing Research</i> , 2021 , 64, 3883-3893	2.8	1
91	Listening effort and fatigue in native and non-native primary school children. <i>Journal of Experimental Child Psychology</i> , 2021 , 210, 105203	2.3	0
90	Concurrent affective and linguistic prosody with the same emotional valence elicits a late positive ERP response. <i>European Journal of Neuroscience</i> , 2020 , 51, 2236-2249	3.5	3
89	Data and analysis script for infant and adult eye movement in an adapted ocular-motor serial reaction time task assessing procedural memory. <i>Data in Brief</i> , 2020 , 29, 105108	1.2	
88	Chapter 9. Neurobiological insights from the study of deafness and sign language. <i>Trends in Language Acquisition Research</i> , 2020 , 159-181	0.2	3
87	Procedural memory in infancy: Evidence from implicit sequence learning in an eye-tracking paradigm. <i>Journal of Experimental Child Psychology</i> , 2020 , 191, 104733	2.3	3
86	Evidence of an Effect of Gaming Experience on Visuospatial Attention in Deaf but Not in Hearing Individuals. <i>Frontiers in Psychology</i> , 2020 , 11, 534741	3.4	3
85	The Influence of Form- and Meaning-Based Predictions on Cortical Speech Processing Under Challenging Listening Conditions: A MEG Study. <i>Frontiers in Neuroscience</i> , 2020 , 14, 573254	5.1	0
84	The Natural Language Environment of 9-Month-Old Infants in Sweden and Concurrent Association With Early Language Development. <i>Frontiers in Psychology</i> , 2020 , 11, 1981	3.4	2
83	Visual Rhyme Judgment in Adults With Mild-to-Severe Hearing Loss. <i>Frontiers in Psychology</i> , 2019 , 10, 1149	3.4	2
82	In a Concurrent Memory and Auditory Perception Task, the Pupil Dilation Response Is More Sensitive to Memory Load Than to Auditory Stimulus Characteristics. <i>Ear and Hearing</i> , 2019 , 40, 272-286	3.4	12
81	The neural basis of arithmetic and phonology in deaf signing individuals. <i>Language, Cognition and Neuroscience</i> , 2019 , 34, 813-825	2.4	2
80	Speech Processing Difficulties in Attention Deficit Hyperactivity Disorder. <i>Frontiers in Psychology</i> , 2019 , 10, 1536	3.4	5
79	Poorer Speech Reception Threshold in Noise Is Associated With Lower Brain Volume in Auditory and Cognitive Processing Regions. <i>Journal of Speech, Language, and Hearing Research</i> , 2019 , 62, 1117-1130	3.8	25
78	Cognitive hearing science and ease of language understanding. <i>International Journal of Audiology</i> , 2019 , 58, 247-261	2.6	60

77	Neural Networks Supporting Phoneme Monitoring Are Modulated by Phonology but Not Lexicality or Iconicity: Evidence From British and Swedish Sign Language. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 374	3.3	
76	Hearing Impairment and Perceived Clarity of Predictable Speech. <i>Ear and Hearing</i> , 2019 , 40, 1140-1148	3.4	10
75	The Organization of Working Memory Networks is Shaped by Early Sensory Experience. <i>Cerebral Cortex</i> , 2018 , 28, 3540-3554	5.1	22
74	Working Memory for Linguistic and Non-linguistic Manual Gestures: Evidence, Theory, and Application. <i>Frontiers in Psychology</i> , 2018 , 9, 679	3.4	11
73	Combined effects of form- and meaning-based predictability on perceived clarity of speech. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018 , 44, 277-285	2.6	17
72	fMRI Evidence of Magnitude Manipulation during Numerical Order Processing in Congenitally Deaf Signers. <i>Neural Plasticity</i> , 2018 , 2018, 2576047	3.3	4
71	Listening Comprehension and Listening Effort in the Primary School Classroom. <i>Frontiers in Psychology</i> , 2018 , 9, 1193	3.4	20
70	Computerized Sign Language-Based Literacy Training for Deaf and Hard-of-Hearing Children. <i>Journal of Deaf Studies and Deaf Education</i> , 2017 , 22, 404-421	1.6	5
69	Differential activity in Heschl's gyrus between deaf and hearing individuals is due to auditory deprivation rather than language modality. <i>NeuroImage</i> , 2016 , 124, 96-106	7.9	15
68	Using Speech Recall in Hearing Aid Fitting and Outcome Evaluation Under Ecological Test Conditions. <i>Ear and Hearing</i> , 2016 , 37 Suppl 1, 145S-54S	3.4	31
67	Cognitive Spare Capacity as an Index of Listening Effort. <i>Ear and Hearing</i> , 2016 , 37 Suppl 1, 69S-76S	3.4	29
66	Hearing Impairment and Cognitive Energy: The Framework for Understanding Effortful Listening (FUEL). <i>Ear and Hearing</i> , 2016 , 37 Suppl 1, 5S-27S	3.4	49 ¹
65	Better Visuospatial Working Memory in Adults Who Report Profound Deafness Compared to Those With Normal or Poor Hearing: Data From the UK Biobank Resource. <i>Ear and Hearing</i> , 2016 , 37, 620-2	3.4	6
64	Preexisting semantic representation improves working memory performance in the visuospatial domain. <i>Memory and Cognition</i> , 2016 , 44, 608-20	2.2	6
63	Monitoring Different Phonological Parameters of Sign Language Engages the Same Cortical Language Network but Distinctive Perceptual Ones. <i>Journal of Cognitive Neuroscience</i> , 2016 , 28, 20-40	3.1	23
62	Evidence of an association between sign language phonological awareness and word reading in deaf and hard-of-hearing children. <i>Research in Developmental Disabilities</i> , 2016 , 48, 145-59	2.7	20
61	Imitation, Sign Language Skill and the Developmental Ease of Language Understanding (D-ELU) Model. <i>Frontiers in Psychology</i> , 2016 , 7, 107	3.4	13
60	Theory of Mind and Reading Comprehension in Deaf and Hard-of-Hearing Signing Children. <i>Frontiers in Psychology</i> , 2016 , 7, 854	3.4	11

59	Working Memory in Deaf Children Is Explained by the Developmental Ease of Language Understanding (D-ELU) Model. <i>Frontiers in Psychology</i> , 2016 , 7, 1047	3.4	4
58	The Effect of Functional Hearing and Hearing Aid Usage on Verbal Reasoning in a Large Community-Dwelling Population. <i>Ear and Hearing</i> , 2016 , 37, e26-36	3.4	2
57	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, 623-42	2.6	56
56	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, 590-9	2.8	8
55	Phonology and arithmetic in the language-calculation network. <i>Brain and Language</i> , 2015 , 143, 97-105	2.9	19
54	The relationship between deferred imitation, associative memory, and communication in 14-months-old children. Behavioral and electrophysiological indices. <i>Frontiers in Psychology</i> , 2015 , 6, 260	3.4	6
53	Working memory for meaningless manual gestures. <i>Canadian Journal of Experimental Psychology</i> , 2015 , 69, 72-79	0.8	5
52	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	3.4	39
51	On the relationship between functional hearing and depression. <i>International Journal of Audiology</i> , 2015 , 54, 653-64	2.6	27
50	Training Literacy Skills through Sign Language. <i>Deafness and Education International</i> , 2015 , 17, 8-18	0.8	4
49	Load and distinctness interact in working memory for lexical manual gestures. <i>Frontiers in Psychology</i> , 2015 , 6, 1147	3.4	9
48	Theory-of-mind in individuals with Alström syndrome is related to executive functions, and verbal ability. <i>Frontiers in Psychology</i> , 2015 , 6, 1426	3.4	4
47	Deaf signers use phonology to do arithmetic. <i>Learning and Individual Differences</i> , 2014 , 32, 246-253	3.1	13
46	Verbal fluency in adults with postlingually acquired hearing impairment. <i>Speech, Language and Hearing</i> , 2014 , 17, 88-100	1.1	7
45	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	1.1	13
44	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	3.4	2
43	Cognitive spare capacity in older adults with hearing loss. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 96	5.3	36
42	The effect of functional hearing loss and age on long- and short-term visuospatial memory: evidence from the UK biobank resource. <i>Frontiers in Aging Neuroscience</i> , 2014 , 6, 326	5.3	26

41	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	5.1	52
40	Cognitive spare capacity and speech communication: a narrative overview. <i>BioMed Research International</i> , 2014 , 2014, 869726	3	40
39	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,	3.2	22
38	Dissociating cognitive and sensory neural plasticity in human superior temporal cortex. <i>Nature Communications</i> , 2013 , 4, 1473	17.4	79
37	Levels of processing and language modality specificity in working memory. <i>Neuropsychologia</i> , 2013 , 51, 656-66	3.2	22
36	Working memory compensates for hearing related phonological processing deficit. <i>Journal of Communication Disorders</i> , 2013 , 46, 17-29	1.9	40
35	Associative learning measured with ERP predicts deferred imitation using a strict observation only design in 14 to 15 month old children. <i>Scandinavian Journal of Psychology</i> , 2013 , 54, 33-40	2.2	6
34	Relationships between self-report and cognitive measures of hearing aid outcome. <i>Speech, Language and Hearing</i> , 2013 , 16, 197-207	1.1	25
33	Cognitive Spare Capacity as a Window on Hearing Aid Benefit. <i>Seminars in Hearing</i> , 2013 , 34, 298-307	2	13
32	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, 2225-34	2.2	63
31	Visual information can hinder working memory processing of speech. <i>Journal of Speech, Language, and Hearing Research</i> , 2013 , 56, 1120-32	2.8	46
30	Effects of noise and working memory capacity on memory processing of speech for hearing-aid users. <i>International Journal of Audiology</i> , 2013 , 52, 433-41	2.6	143
29	Early ERP Signature of Hearing Impairment in Visual Rhyme Judgment. <i>Frontiers in Psychology</i> , 2013 , 4, 241	3.4	10
28	Similar digit-based working memory in deaf signers and hearing non-signers despite digit span differences. <i>Frontiers in Psychology</i> , 2013 , 4, 942	3.4	17
27	The Ease of Language Understanding (ELU) model: theoretical, empirical, and clinical advances. <i>Frontiers in Systems Neuroscience</i> , 2013 , 7, 31	3.5	481
26	Seeing the talker's face supports executive processing of speech in steady state noise. <i>Frontiers in Systems Neuroscience</i> , 2013 , 7, 96	3.5	38
25	Behavioral and fMRI evidence that cognitive ability modulates the effect of semantic context on speech intelligibility. <i>Brain and Language</i> , 2012 , 122, 103-13	2.9	62
24	Working memory capacity may influence perceived effort during aided speech recognition in noise. <i>Journal of the American Academy of Audiology</i> , 2012 , 23, 577-89	1.3	103

23	Working Memory, Processing Speed, and Executive Memory Contributions to Computer-Assisted Second Language Learning. <i>Contemporary Educational Technology</i> , 2012 , 3,	2.4	1
22	The influence of semantically related and unrelated text cues on the intelligibility of sentences in noise. <i>Ear and Hearing</i> , 2011 , 32, e16-25	3.4	57
21	Cognitive hearing science: the legacy of Stuart Gatehouse. <i>Trends in Amplification</i> , 2011 , 15, 140-8		24
20	Working memory supports listening in noise for persons with hearing impairment. <i>Journal of the American Academy of Audiology</i> , 2011 , 22, 156-67	1.3	137
19	Hearing loss is negatively related to episodic and semantic long-term memory but not to short-term memory. <i>Journal of Speech, Language, and Hearing Research</i> , 2011 , 54, 705-26	2.8	91
18	Simple Spans in Deaf Signers and Hearing Non-Signers. <i>Behavioural Neurology</i> , 2010 , 23, 207-208	3	
17	Effects of age on the temporal organization of working memory in deaf signers. <i>Aging, Neuropsychology, and Cognition</i> , 2010 , 17, 360-83	2.1	16
16	Simple spans in deaf signers and hearing non-signers. <i>Behavioural Neurology</i> , 2010 , 23, 207-8	3	
15	When cognition kicks in: working memory and speech understanding in noise. <i>Noise and Health</i> , 2010 , 12, 263-9	0.9	143
14	Cognition and hearing aids. <i>Scandinavian Journal of Psychology</i> , 2009 , 50, 395-403	2.2	134
13	Working memory, deafness and sign language. <i>Scandinavian Journal of Psychology</i> , 2009 , 50, 495-505	2.2	34
12	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, 405-18	2.2	77
11	Cognition counts: a working memory system for ease of language understanding (ELU). <i>International Journal of Audiology</i> , 2008 , 47 Suppl 2, S99-105	2.6	318
10	Explicit processing demands reveal language modality-specific organization of working memory. <i>Journal of Deaf Studies and Deaf Education</i> , 2008 , 13, 466-84	1.6	23
9	Phonological mismatch and explicit cognitive processing in a sample of 102 hearing-aid users. <i>International Journal of Audiology</i> , 2008 , 47 Suppl 2, S91-8	2.6	46
8	The role of the episodic buffer in working memory for language processing. <i>Cognitive Processing</i> , 2008 , 9, 19-28	1.5	65
7	Neural representation of binding lexical signs and words in the episodic buffer of working memory. <i>Neuropsychologia</i> , 2007 , 45, 2258-76	3.2	56
6	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, 618-31	1.3	112

5	Phonological mismatch makes aided speech recognition in noise cognitively taxing. <i>Ear and Hearing</i> , 2007 , 28, 879-92	3.4	10
4	Towards a functional ontology for working memory for sign and speech. <i>Cognitive Processing</i> , 2006 , 7, 183-186	1.5	5
3	Reversing spoken items--mind twisting not tongue twisting. <i>Brain and Language</i> , 2005 , 92, 78-90	2.9	14
2	Neural correlates of working memory for sign language. <i>Cognitive Brain Research</i> , 2004 , 20, 165-82		62
1	No evidence of an association between parental mind-mindedness at 9 months and language development at either 9 or 25 months in Swedish infants. <i>First Language</i> , 014272372110359	1.5	0