

Mary Rudner

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1783746/publications.pdf>

Version: 2024-02-01

98
papers

5,137
citations

134610

34
h-index

107981

68
g-index

102
all docs

102
docs citations

102
times ranked

2578
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | 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 |
| 2 | 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. | 1.6 | 8 |
| 3 | 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. | 0.7 | 2 |
| 4 | Listening effort and fatigue in native and non-native primary school children. <i>Journal of Experimental Child Psychology</i> , 2021, 210, 105203. | 0.7 | 12 |
| 5 | Procedural memory in infancy: Evidence from implicit sequence learning in an eye-tracking paradigm. <i>Journal of Experimental Child Psychology</i> , 2020, 191, 104733. | 0.7 | 11 |
| 6 | 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. | 1.1 | 7 |
| 7 | 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. | 1.4 | 3 |
| 8 | 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. | 1.1 | 5 |
| 9 | 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. | 1.2 | 7 |
| 10 | 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. | 0.5 | 0 |
| 11 | Chapter 9. Neurobiological insights from the study of deafness and sign language. <i>Trends in Language Acquisition Research</i> , 2020, , 159-181. | 0.2 | 6 |
| 12 | Editorial: Children Listen: Psychological and Linguistic Aspects of Listening Difficulties During Development. <i>Frontiers in Psychology</i> , 2020, 11, 584034. | 1.1 | 4 |
| 13 | 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. | 1.0 | 18 |
| 14 | The neural basis of arithmetic and phonology in deaf signing individuals. <i>Language, Cognition and Neuroscience</i> , 2019, 34, 813-825. | 0.7 | 7 |
| 15 | Speech Processing Difficulties in Attention Deficit Hyperactivity Disorder. <i>Frontiers in Psychology</i> , 2019, 10, 1536. | 1.1 | 16 |
| 16 | Visual Rhyme Judgment in Adults With Mild-to-Severe Hearing Loss. <i>Frontiers in Psychology</i> , 2019, 10, 1149. | 1.1 | 6 |
| 17 | Cognitive hearing science and ease of language understanding. <i>International Journal of Audiology</i> , 2019, 58, 247-261. | 0.9 | 106 |
| 18 | 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. | 1.0 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Hearing Impairment and Perceived Clarity of Predictable Speech. <i>Ear and Hearing</i> , 2019, 40, 1140-1148. | 1.0 | 18 |
| 20 | 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. | 0.7 | 47 |
| 21 | The Organization of Working Memory Networks is Shaped by Early Sensory Experience. <i>Cerebral Cortex</i> , 2018, 28, 3540-3554. | 1.6 | 42 |
| 22 | fMRI Evidence of Magnitude Manipulation during Numerical Order Processing in Congenitally Deaf Signers. <i>Neural Plasticity</i> , 2018, 2018, 1-8. | 1.0 | 6 |
| 23 | Listening Comprehension and Listening Effort in the Primary School Classroom. <i>Frontiers in Psychology</i> , 2018, 9, 1193. | 1.1 | 40 |
| 24 | Working Memory for Linguistic and Non-linguistic Manual Gestures: Evidence, Theory, and Application. <i>Frontiers in Psychology</i> , 2018, 9, 679. | 1.1 | 17 |
| 25 | 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. | 0.7 | 20 |
| 26 | 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. | 0.7 | 6 |
| 27 | Imitation, Sign Language Skill and the Developmental Ease of Language Understanding (D-ELU) Model. <i>Frontiers in Psychology</i> , 2016, 7, 107. | 1.1 | 19 |
| 28 | Editorial: The Role of Working Memory and Executive Function in Communication under Adverse Conditions. <i>Frontiers in Psychology</i> , 2016, 7, 148. | 1.1 | 12 |
| 29 | Theory of Mind and Reading Comprehension in Deaf and Hard-of-Hearing Signing Children. <i>Frontiers in Psychology</i> , 2016, 7, 854. | 1.1 | 17 |
| 30 | 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. | 1.1 | 6 |
| 31 | 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-e36. | 1.0 | 3 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | Cognitive Spare Capacity as an Index of Listening Effort. <i>Ear and Hearing</i> , 2016, 37, 69S-76S. | 1.0 | 38 |
| 36 | Hearing Impairment and Cognitive Energy: The Framework for Understanding Effortful Listening (FUEL). <i>Ear and Hearing</i> , 2016, 37, 5S-27S. | 1.0 | 740 |

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | 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, 620-622. | 1.0 | 11 |
| 38 | Preexisting semantic representation improves working memory performance in the visuospatial domain. <i>Memory and Cognition</i> , 2016, 44, 608-620. | 0.9 | 9 |
| 39 | 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. | 1.1 | 32 |
| 40 | 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, 145-159. | 1.2 | 34 |
| 41 | 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. | 2.1 | 21 |
| 42 | Load and distinctness interact in working memory for lexical manual gestures. <i>Frontiers in Psychology</i> , 2015, 6, 1147. | 1.1 | 13 |
| 43 | Theory-of-mind in individuals with Alstr m syndrome is related to executive functions, and verbal ability. <i>Frontiers in Psychology</i> , 2015, 6, 1426. | 1.1 | 4 |
| 44 | Phonology and arithmetic in the languageâ€“calculation network. <i>Brain and Language</i> , 2015, 143, 97-105. | 0.8 | 25 |
| 45 | 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. | 1.1 | 8 |
| 46 | Working memory for meaningless manual gestures.. <i>Canadian Journal of Experimental Psychology</i> , 2015, 69, 72-79. | 0.7 | 5 |
| 47 | 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 |
| 48 | On the relationship between functional hearing and depression. <i>International Journal of Audiology</i> , 2015, 54, 653-664. | 0.9 | 39 |
| 49 | Training Literacy Skills through Sign Language. <i>Deafness and Education International</i> , 2015, 17, 8-18. | 0.8 | 9 |
| 50 | 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 |
| 51 | Cognitive spare capacity in older adults with hearing loss. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 96. | 1.7 | 40 |
| 52 | 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. | 1.7 | 30 |
| 53 | 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 |
| 54 | Cognitive Spare Capacity and Speech Communication: A Narrative Overview. <i>BioMed Research International</i> , 2014, 2014, 1-10. | 0.9 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | 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 |
| 56 | Deaf signers use phonology to do arithmetic. <i>Learning and Individual Differences</i> , 2014, 32, 246-253. | 1.5 | 18 |
| 57 | Verbal fluency in adults with postlingually acquired hearing impairment. <i>Speech, Language and Hearing</i> , 2014, 17, 88-100. | 0.6 | 11 |
| 58 | 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 |
| 59 | Dissociating cognitive and sensory neural plasticity in human superior temporal cortex. <i>Nature Communications</i> , 2013, 4, 1473. | 5.8 | 107 |
| 60 | Levels of processing and language modality specificity in working memory. <i>Neuropsychologia</i> , 2013, 51, 656-666. | 0.7 | 24 |
| 61 | Working memory compensates for hearing related phonological processing deficit. <i>Journal of Communication Disorders</i> , 2013, 46, 17-29. | 0.8 | 47 |
| 62 | 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. | 0.8 | 7 |
| 63 | Relationships between self-report and cognitive measures of hearing aid outcome. <i>Speech, Language and Hearing</i> , 2013, 16, 197-207. | 0.6 | 31 |
| 64 | Cognitive Spare Capacity as a Window on Hearing Aid Benefit. <i>Seminars in Hearing</i> , 2013, 34, 298-307. | 0.5 | 17 |
| 65 | 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 |
| 66 | Visual Information Can Hinder Working Memory Processing of Speech. <i>Journal of Speech, Language, and Hearing Research</i> , 2013, 56, 1120-1132. | 0.7 | 53 |
| 67 | 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 |
| 68 | Early ERP Signature of Hearing Impairment in Visual Rhyme Judgment. <i>Frontiers in Psychology</i> , 2013, 4, 241. | 1.1 | 14 |
| 69 | Similar digit-based working memory in deaf signers and hearing non-signers despite digit span differences. <i>Frontiers in Psychology</i> , 2013, 4, 942. | 1.1 | 25 |
| 70 | The Ease of Language Understanding (ELU) model: theoretical, empirical, and clinical advances. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 31. | 1.2 | 647 |
| 71 | Seeing the talker's face supports executive processing of speech in steady state noise. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 96. | 1.2 | 44 |
| 72 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | 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 |
| 74 | Corrigendum to "Behavioral and fMRI evidence that cognitive ability modulates the effect of semantic context on speech intelligibility" [<i>Brain Lang.</i> 122 (2012) 103-113]. <i>Brain and Language</i> , 2012, 123, 143. | 0.8 | 1 |
| 75 | Working Memory, Processing Speed, and Executive Memory Contributions to Computer-Assisted Second Language Learning. <i>Contemporary Educational Technology</i> , 2012, 3, . | 1.3 | 1 |
| 76 | 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 |
| 77 | Cognitive Hearing Science. <i>Trends in Amplification</i> , 2011, 15, 140-148. | 2.4 | 28 |
| 78 | Working Memory Supports Listening in Noise for Persons with Hearing Impairment. <i>Journal of the American Academy of Audiology</i> , 2011, 22, 156-167. | 0.4 | 169 |
| 79 | 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, 705-726. | 0.7 | 109 |
| 80 | Simple Spans in Deaf Signers and Hearing Non-Signers. <i>Behavioural Neurology</i> , 2010, 23, 207-208. | 1.1 | 0 |
| 81 | Effects of Age on the Temporal Organization of Working Memory in Deaf Signers. <i>Aging, Neuropsychology, and Cognition</i> , 2010, 17, 360-383. | 0.7 | 16 |
| 82 | When cognition kicks in: Working memory and speech understanding in noise. <i>Noise and Health</i> , 2010, 12, 263. | 0.4 | 173 |
| 83 | Simple spans in deaf signers and hearing non-signers. <i>Behavioural Neurology</i> , 2010, 23, 207-8. | 1.1 | 0 |
| 84 | Cognition and hearing aids. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 395-403. | 0.8 | 159 |
| 85 | Working memory, deafness and sign language. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 495-505. | 0.8 | 48 |
| 86 | 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 |
| 87 | Editorial. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 367-369. | 0.8 | 2 |
| 88 | The role of the episodic buffer in working memory for language processing. <i>Cognitive Processing</i> , 2008, 9, 19-28. | 0.7 | 78 |
| 89 | Cognition counts: A working memory system for ease of language understanding (ELU). <i>International Journal of Audiology</i> , 2008, 47, S99-S105. | 0.9 | 378 |
| 90 | Explicit Processing Demands Reveal Language Modality-Specific Organization of Working Memory. <i>Journal of Deaf Studies and Deaf Education</i> , 2008, 13, 466-484. | 0.7 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | 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 |
| 92 | 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 |
| 93 | Phonological Mismatch Makes Aided Speech Recognition in Noise Cognitively Taxing: Retracted Article. <i>Ear and Hearing</i> , 2007, 28, 879-892. | 1.0 | 11 |
| 94 | Neural representation of binding lexical signs and words in the episodic buffer of working memory. <i>Neuropsychologia</i> , 2007, 45, 2258-2276. | 0.7 | 68 |
| 95 | Towards a functional ontology for working memory for sign and speech. <i>Cognitive Processing</i> , 2006, 7, 183-186. | 0.7 | 7 |
| 96 | Reversing spoken items?mind twisting not tongue twisting. <i>Brain and Language</i> , 2005, 92, 78-90. | 0.8 | 15 |
| 97 | Neural correlates of working memory for sign language. <i>Cognitive Brain Research</i> , 2004, 20, 165-182. | 3.3 | 70 |
| 98 | 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> , 0, , 014272372110359. | 0.5 | 1 |