

Nelson Cowan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8957932/publications.pdf>

Version: 2024-02-01

227
papers

25,012
citations

12330

69
h-index

8396

147
g-index

236
all docs

236
docs citations

236
times ranked

12439
citing authors

#	ARTICLE	IF	CITATIONS
1	The magical number 4 in short-term memory: A reconsideration of mental storage capacity. Behavioral and Brain Sciences, 2001, 24, 87-114.	0.7	5,005
2	Evolving conceptions of memory storage, selective attention, and their mutual constraints within the human information-processing system.. Psychological Bulletin, 1988, 104, 163-191.	6.1	1,468
3	On the capacity of attention: Its estimation and its role in working memory and cognitive aptitudes. Cognitive Psychology, 2005, 51, 42-100.	2.2	922
4	Chapter 20 What are the differences between long-term, short-term, and working memory?. Progress in Brain Research, 2008, 169, 323-338.	1.4	873
5	A latent variable analysis of working memory capacity, short-term memory capacity, processing speed, and general fluid intelligence. Intelligence, 2002, 30, 163-183.	3.0	846
6	The Magical Mystery Four. Current Directions in Psychological Science, 2010, 19, 51-57.	5.3	825
7	An Embedded-Processes Model of Working Memory. , 1999, , 62-101.		753
8	The cocktail party phenomenon revisited: The importance of working memory capacity. Psychonomic Bulletin and Review, 2001, 8, 331-335.	2.8	651
9	On short and long auditory stores.. Psychological Bulletin, 1984, 96, 341-370.	6.1	629
10	Working Memory Underpins Cognitive Development, Learning, and Education. Educational Psychology Review, 2014, 26, 197-223.	8.4	419
11	The many faces of working memory and short-term storage. Psychonomic Bulletin and Review, 2017, 24, 1158-1170.	2.8	336
12	Memory prerequisites of mismatch negativity in the auditory event-related potential (ERP).. Journal of Experimental Psychology: Learning Memory and Cognition, 1993, 19, 909-921.	0.9	297
13	An assessment of fixed-capacity models of visual working memory. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5975-5979.	7.1	287
14	Information Processing Models: Microscopes of the Mind. Annual Review of Psychology, 1993, 44, 383-425.	17.7	261
15	Separating cognitive capacity from knowledge: a new hypothesis. Trends in Cognitive Sciences, 2007, 11, 236-242.	7.8	255
16	How to measure working memory capacity in the change detection paradigm. Psychonomic Bulletin and Review, 2011, 18, 324-330.	2.8	243
17	Working Memory Capacity. , 0, , .		233
18	Two separate verbal processing rates contributing to short-term memory span.. Journal of Experimental Psychology: General, 1998, 127, 141-160.	2.1	216

#	ARTICLE	IF	CITATIONS
19	The cocktail party phenomenon revisited: How frequent are attention shifts to one's name in an irrelevant auditory channel?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1995, 21, 255-260.	0.9	207
20	Scope of attention, control of attention, and intelligence in children and adults. <i>Memory and Cognition</i> , 2006, 34, 1754-1768.	1.6	207
21	Benchmarks for models of short-term and working memory.. <i>Psychological Bulletin</i> , 2018, 144, 885-958.	6.1	199
22	Activation, attention, and short-term memory. <i>Memory and Cognition</i> , 1993, 21, 162-167.	1.6	190
23	A central capacity limit to the simultaneous storage of visual and auditory arrays in working memory.. <i>Journal of Experimental Psychology: General</i> , 2007, 136, 663-684.	2.1	186
24	Life-span development of visual working memory: When is feature binding difficult?. <i>Developmental Psychology</i> , 2006, 42, 1089-1102.	1.6	185
25	Impaired precision, but normal retention, of auditory sensory ("echoic") memory information in schizophrenia.. <i>Journal of Abnormal Psychology</i> , 1997, 106, 315-324.	1.9	184
26	Verbal memory span and the timing of spoken recall. <i>Journal of Memory and Language</i> , 1992, 31, 668-684.	2.1	174
27	The Role of Attention in the Development of Short-Term Memory: Age Differences in the Verbal Span of Apprehension. <i>Child Development</i> , 1999, 70, 1082-1097.	3.0	172
28	Metatheory of storage capacity limits. <i>Behavioral and Brain Sciences</i> , 2001, 24, 154-176.	0.7	163
29	The focus of attention as observed in visual working memory tasks: Making sense of competing claims. <i>Neuropsychologia</i> , 2011, 49, 1401-1406.	1.6	151
30	When visual and verbal memories compete: Evidence of cross-domain limits in working memory. <i>Psychonomic Bulletin and Review</i> , 2004, 11, 296-301.	2.8	149
31	Working Memory Maturation. <i>Perspectives on Psychological Science</i> , 2016, 11, 239-264.	9.0	142
32	Visual working memory deficits in patients with Parkinson's disease are due to both reduced storage capacity and impaired ability to filter out irrelevant information. <i>Brain</i> , 2010, 133, 2677-2689.	7.6	137
33	Electrophysiological evidence of developmental changes in the duration of auditory sensory memory.. <i>Developmental Psychology</i> , 1999, 35, 294-302.	1.6	127
34	Children's working-memory processes: A response-timing analysis.. <i>Journal of Experimental Psychology: General</i> , 2003, 132, 113-132.	2.1	127
35	Forgetting Due to Retroactive Interference: A Fusion of MÅ¼ller and Pilzecker's (1900) Early Insights into Everyday Forgetting and Recent Research on Anterograde Amnesia. <i>Cortex</i> , 2007, 43, 616-634.	2.4	125
36	Brief Wakeful Resting Boosts New Memories Over the Long Term. <i>Psychological Science</i> , 2012, 23, 955-960.	3.3	123

#	ARTICLE	IF	CITATIONS
37	Seven-year-olds allocate attention like adults unless working memory is overloaded. <i>Developmental Science</i> , 2010, 13, 120-133.	2.4	121
38	The structure of working memory in young children and its relation to intelligence. <i>Journal of Memory and Language</i> , 2017, 92, 183-201.	2.1	116
39	Deconfounding Serial Recall. <i>Journal of Memory and Language</i> , 2002, 46, 153-177.	2.1	113
40	When Do Visual and Verbal Memories Conflict? The Importance of Working-Memory Load and Retrieval.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2005, 31, 703-713.	0.9	112
41	Cross-modal, auditory-visual Stroop interference and possible implications for speech memory. <i>Perception & Psychophysics</i> , 1987, 41, 393-401.	2.3	109
42	A Neural Region of Abstract Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2852-2863.	2.3	107
43	An adult model of preschool children's speech memory. <i>Memory and Cognition</i> , 1987, 15, 511-517.	1.6	106
44	There Are Two Word-Length Effects in Verbal Short-Term Memory: Opposed Effects of Duration and Complexity. <i>Psychological Science</i> , 1997, 8, 290-295.	3.3	103
45	Loss of visual working memory within seconds: The combined use of refreshable and non-refreshable features.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2010, 36, 1355-1368.	0.9	102
46	Constant Capacity in an Immediate Serial-Recall Task. <i>Psychological Science</i> , 2004, 15, 634-640.	3.3	101
47	Developmental increase in the duration of memory for tone pitch.. <i>Developmental Psychology</i> , 1994, 30, 855-863.	1.6	99
48	Can auditory memory for tone pitch be rehearsed?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1995, 21, 635-645.	0.9	99
49	How does running memory span work?. <i>Quarterly Journal of Experimental Psychology</i> , 2006, 59, 1691-1700.	1.1	99
50	Central and peripheral components of working memory storage.. <i>Journal of Experimental Psychology: General</i> , 2014, 143, 1806-1836.	2.1	99
51	Models of verbal working memory capacity: What does it take to make them work?. <i>Psychological Review</i> , 2012, 119, 480-499.	3.8	97
52	The Role of Large-Scale Memory Organization in the Mismatch Negativity Event-Related Brain Potential. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 59-71.	2.3	96
53	From Sensory to Long-Term Memory. <i>Experimental Psychology</i> , 2005, 52, 3-20.	0.7	96
54	Chunk Limits and Length Limits in Immediate Recall: A Reconciliation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2005, 31, 1235-1249.	0.9	94

#	ARTICLE	IF	CITATIONS
55	Visual working memory depends on attentional filtering. <i>Trends in Cognitive Sciences</i> , 2006, 10, 139-141.	7.8	94
56	Core verbal working-memory capacity: The limit in words retained without covert articulation. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 1420-1429.	1.1	90
57	Age differences in visual working memory capacity: not based on encoding limitations. <i>Developmental Science</i> , 2011, 14, 1066-1074.	2.4	87
58	Sequential Memory in Children With and Without Language Impairment. <i>Journal of Speech, Language, and Hearing Research</i> , 1995, 38, 393-402.	1.6	85
59	Differences between presentation methods in working memory procedures: A matter of working memory consolidation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 417-428.	0.9	85
60	Persistence of Memory for Ignored Lists of Digits: Areas of Developmental Constancy and Change. <i>Journal of Experimental Child Psychology</i> , 2000, 76, 151-172.	1.4	83
61	Attention to attributes and objects in working memory.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2013, 39, 731-747.	0.9	83
62	The role of absolute and relative amounts of time in forgetting within immediate memory: The case of tone-pitch comparisons. <i>Psychonomic Bulletin and Review</i> , 1997, 4, 393-397.	2.8	81
63	Information Processing by School-Age Children With Specific Language Impairment. <i>Journal of Speech, Language, and Hearing Research</i> , 1998, 41, 913-926.	1.6	81
64	Properties of memory for unattended spoken syllables.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1990, 16, 258-269.	0.9	80
65	Reconfirmation of the Short-Term Storage Concept. <i>Psychological Science</i> , 1994, 5, 103-106.	3.3	79
66	Delaying interference enhances memory consolidation in amnesic patients.. <i>Neuropsychology</i> , 2009, 23, 627-634.	1.3	79
67	A consensus-based transparency checklist. <i>Nature Human Behaviour</i> , 2020, 4, 4-6.	12.0	79
68	Short-term memory based on activated long-term memory: A review in response to Norris (2017).. <i>Psychological Bulletin</i> , 2019, 145, 822-847.	6.1	79
69	Think before you speak: Pauses, memory search, and trace reintegration processes in verbal memory span.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1999, 25, 447-463.	0.9	78
70	Normal time course of auditory recognition in schizophrenia, despite impaired precision of the auditory sensory ("echoic") memory code.. <i>Journal of Abnormal Psychology</i> , 1999, 108, 69-75.	1.9	78
71	How Can Dual-Task Working Memory Retention Limits Be Investigated?. <i>Psychological Science</i> , 2007, 18, 686-688.	3.3	75
72	Decay Theory of Immediate Memory: From Brown (1958) to Today (2014). <i>Quarterly Journal of Experimental Psychology</i> , 2016, 69, 1969-1995.	1.1	75

#	ARTICLE	IF	CITATIONS
73	Theories of Working Memory: Differences in Definition, Degree of Modularity, Role of Attention, and Purpose. <i>Language, Speech, and Hearing Services in Schools</i> , 2018, 49, 340-355.	1.6	75
74	Two cognitive systems simultaneously prepared for opposite events. <i>Psychophysiology</i> , 1999, 36, 835-838.	2.4	74
75	Differential effects of alcohol on working memory: Distinguishing multiple processes.. <i>Experimental and Clinical Psychopharmacology</i> , 2007, 15, 576-587.	1.8	74
76	Working memory capacity for spoken sentences decreases with adult ageing: Recall of fewer but not smaller chunks in older adults. <i>Memory</i> , 2008, 16, 773-787.	1.7	73
77	Boosting Long-Term Memory via Wakeful Rest: Intentional Rehearsal Is Not Necessary, Consolidation Is Sufficient. <i>PLoS ONE</i> , 2014, 9, e109542.	2.5	73
78	Processing limits of selective attention and working memory. <i>Interpreting</i> , 2000, 5, 117-146.	1.3	70
79	Verbal recall in amnesiacs under conditions of diminished retroactive interference. <i>Brain</i> , 2004, 127, 825-834.	7.6	70
80	The Dorsal Attention Network Reflects Both Encoding Load and Top-down Control during Working Memory. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 144-159.	2.3	69
81	Is there implicit memory without attention? A reexamination of task demands in Eich's (1984) procedure. <i>Memory and Cognition</i> , 1997, 25, 772-779.	1.6	68
82	The Development of Memory for Ignored Speech. <i>Journal of Experimental Child Psychology</i> , 1996, 63, 239-261.	1.4	68
83	Cross-Modal Decoding of Neural Patterns Associated with Working Memory: Evidence for Attention-Based Accounts of Working Memory. <i>Cerebral Cortex</i> , 2016, 26, 166-179.	2.9	63
84	Multiple Concurrent Thoughts: The Meaning and Developmental Neuropsychology of Working Memory. <i>Developmental Neuropsychology</i> , 2010, 35, 447-474.	1.4	62
85	Working Memory Profiles of Children With Dyslexia, Developmental Language Disorder, or Both. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 1839-1858.	1.6	62
86	Flexible attention allocation to visual and auditory working memory tasks: manipulating reward induces a trade-off. <i>Attention, Perception, and Psychophysics</i> , 2011, 73, 458-472.	1.3	60
87	Remembering complex objects in visual working memory: Do capacity limits restrict objects or features?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 325-347.	0.9	60
88	Mismatch negativity in children and adults, and effects of an attended task. <i>Psychophysiology</i> , 2000, 37, 807-816.	2.4	59
89	Development of working memory for verbal-spatial associations. <i>Journal of Memory and Language</i> , 2006, 55, 274-289.	2.1	58
90	How verbal memory loads consume attention. <i>Memory and Cognition</i> , 2009, 37, 829-836.	1.6	57

#	ARTICLE	IF	CITATIONS
91	Just lying there, remembering: Improving recall of prose in amnesic patients with mild cognitive impairment by minimising interference. <i>Memory</i> , 2005, 13, 435-440.	1.7	53
92	Capacity limits in list item recognition: Evidence from proactive interference. <i>Memory</i> , 2005, 13, 293-299.	1.7	53
93	George Miller's magical number of immediate memory in retrospect: Observations on the faltering progression of science.. <i>Psychological Review</i> , 2015, 122, 536-541.	3.8	52
94	Knowledge cannot explain the developmental growth of working memory capacity. <i>Developmental Science</i> , 2015, 18, 132-145.	2.4	52
95	Short-term Memory in Childhood Dyslexia: Deficient Serial Order in Multiple Modalities. <i>Dyslexia</i> , 2017, 23, 209-233.	1.5	51
96	The nature of cross-modal color-word interference effects. <i>Perception & Psychophysics</i> , 1998, 60, 761-767.	2.3	50
97	Investigating the childhood development of working memory using sentences: New evidence for the growth of chunk capacity. <i>Journal of Experimental Child Psychology</i> , 2009, 104, 252-265.	1.4	50
98	List composition and the word length effect in immediate recall: A comparison of localist and globalist assumptions. <i>Psychonomic Bulletin and Review</i> , 2003, 10, 74-79.	2.8	49
99	Use of internal consistency coefficients for estimating reliability of experimental task scores. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 750-763.	2.8	49
100	Comment on "Dynamic Shifts of Limited Working Memory Resources in Human Vision". <i>Science</i> , 2009, 323, 877-877.	12.6	48
101	Chunk formation in immediate memory and how it relates to data compression. <i>Cognition</i> , 2016, 155, 96-107.	2.2	48
102	The Nature of Verbal Short-Term Impairment in Dyslexia: The Importance of Serial Order. <i>Frontiers in Psychology</i> , 2016, 7, 1522.	2.1	47
103	Coherence of the irrelevant-sound effect: Individual profiles of short-term memory and susceptibility to task-irrelevant materials. <i>Memory and Cognition</i> , 2005, 33, 664-675.	1.6	46
104	Domain-general and domain-specific functional networks in working memory. <i>NeuroImage</i> , 2014, 102, 646-656.	4.2	46
105	Insights into spared memory capacity in amnesic MCI and Alzheimer's Disease via minimal interference. <i>Brain and Cognition</i> , 2012, 78, 189-199.	1.8	45
106	Visual working memory is disrupted by covert verbal retrieval. <i>Psychonomic Bulletin and Review</i> , 2010, 17, 516-521.	2.8	44
107	Estimating working memory capacity for lists of nonverbal sounds. <i>Attention, Perception, and Psychophysics</i> , 2013, 75, 145-160.	1.3	44
108	The Differential Maturation of Two Processing Rates Related to Digit Span. <i>Journal of Experimental Child Psychology</i> , 1999, 72, 193-209.	1.4	43

#	ARTICLE	IF	CITATIONS
109	Rethinking Speed Theories of Cognitive Development. Increasing the Rate of Recall Without Affecting Accuracy. <i>Psychological Science</i> , 2006, 17, 67-73.	3.3	43
110	Perspectives on working memory: introduction to the special issue. <i>Memory and Cognition</i> , 2015, 43, 315-324.	1.6	42
111	How Do Scientific Views Change? Notes From an Extended Adversarial Collaboration. <i>Perspectives on Psychological Science</i> , 2020, 15, 1011-1025.	9.0	42
112	Short-term memory loss over time without retroactive stimulus interference. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 230-235.	2.8	41
113	Word Learning Deficits in Children With Dyslexia. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 1012-1028.	1.6	41
114	Do Bilingual Children Have an Executive Function Advantage? Results From Inhibition, Shifting, and Updating Tasks. <i>Language, Speech, and Hearing Services in Schools</i> , 2018, 49, 356-378.	1.6	41
115	The search for what is fundamental in the development of working memory. <i>Advances in Child Development and Behavior</i> , 2002, 29, 1-49.	1.3	40
116	A common short-term memory retrieval rate may describe many cognitive procedures. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 126.	2.0	40
117	Attention in working memory: attention is needed but it yearns to be free. <i>Annals of the New York Academy of Sciences</i> , 2018, 1424, 52-63.	3.8	40
118	Dual-task costs in working memory: An adversarial collaboration.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2019, 45, 1529-1551.	0.9	40
119	Age-related differences in immediate serial recall: Dissociating chunk formation and capacity. <i>Memory and Cognition</i> , 2007, 35, 724-737.	1.6	39
120	Parietal-Occipital Interactions Underlying Control- and Representation-Related Processes in Working Memory for Nonspatial Visual Features. <i>Journal of Neuroscience</i> , 2018, 38, 4357-4366.	3.6	38
121	On the Auditory Modality Superiority Effect in Serial Recall: Separating Input and Output Factors.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2004, 30, 639-644.	0.9	37
122	Profound retroactive interference in anterograde amnesia: What interferes?. <i>Neuropsychology</i> , 2010, 24, 357-367.	1.3	36
123	Can the focus of attention accommodate multiple, separate items?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2011, 37, 1484-1502.	0.9	35
124	Time-based loss in visual short-term memory is from trace decay, not temporal distinctiveness.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 1510-1523.	0.9	35
125	2. Second Language Use, Theories of Working Memory and the Vennian Mind. , 2015, , 29-40.		35
126	Is There a Temporal Basis of the Word Length Effect? A Response to Service (1998). <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2000, 53, 647-660.	2.3	31

#	ARTICLE	IF	CITATIONS
127	Theory and Measurement of Working Memory Capacity Limits. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2008, 49, 49-104.	1.1	30
128	Storage and processing in working memory: Assessing dual-task performance and task prioritization across the adult lifespan.. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 1204-1227.	2.1	30
129	Working memory. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2010, 1, 573-585.	2.8	27
130	Searching for serial refreshing in working memory: Using response times to track the content of the focus of attention over time. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 1818-1824.	2.8	26
131	The Recall of Information from Working Memory. <i>Experimental Psychology</i> , 2008, 55, 371-383.	0.7	26
132	Individual differences in the ability to avoid distracting sounds. <i>European Journal of Cognitive Psychology</i> , 2006, 18, 90-108.	1.3	25
133	Cognitive control components and speech symptoms in people with schizophrenia. <i>Psychiatry Research</i> , 2012, 196, 20-26.	3.3	25
134	A list-length constraint on incidental item-to-item associations. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 1253-1258.	2.8	24
135	Enhancement of 4-year-old children's memory span for phonologically similar and dissimilar word lists. <i>Journal of Experimental Child Psychology</i> , 1991, 51, 30-52.	1.4	23
136	Children With Dyslexia Benefit From Orthographic Facilitation During Spoken Word Learning. <i>Journal of Speech, Language, and Hearing Research</i> , 2018, 61, 2002-2014.	1.6	23
137	Working memory development: A 50-year assessment of research and underlying theories. <i>Cognition</i> , 2022, 224, 105075.	2.2	23
138	Healthy aging and visual working memory: The effect of mixing feature and conjunction changes.. <i>Psychology and Aging</i> , 2017, 32, 354-366.	1.6	22
139	Consensus-based guidance for conducting and reporting multi-analyst studies. <i>ELife</i> , 2021, 10, .	6.0	22
140	With development, list recall includes more chunks, not just larger ones.. <i>Developmental Psychology</i> , 2010, 46, 1119-1131.	1.6	21
141	A two-stage search of visual working memory: investigating speed in the change-detection paradigm. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 2031-2050.	1.3	20
142	Older adults do not notice their names: A new twist to a classic attention task.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 1540-1550.	0.9	19
143	Working memory units are all in your head: Factors that influence whether features or objects are the favored units.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 1404-1416.	0.9	19
144	Development of the ability to combine visual and acoustic information in working memory. <i>Developmental Science</i> , 2018, 21, e12635.	2.4	19

#	ARTICLE	IF	CITATIONS
145	Working memory limits severely constrain long-term retention. <i>Psychonomic Bulletin and Review</i> , 2021, 28, 537-547.	2.8	19
146	Echoic Storage in Infant Perception. <i>Child Development</i> , 1982, 53, 984.	3.0	18
147	The deployment of attention in short-term memory tasks: Trade-offs between immediate and delayed deployment. <i>Memory and Cognition</i> , 2008, 36, 799-812.	1.6	17
148	Temporal properties of memory for speech in preschool children. <i>Memory and Cognition</i> , 1986, 14, 382-390.	1.6	16
149	Task experience and children's working memory performance: A perspective from recall timing.. <i>Developmental Psychology</i> , 2008, 44, 695-706.	1.6	15
150	Assessing Working Memory in Children: The Comprehensive Assessment Battery for Children – Working Memory (CABC-WM). <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	15
151	A preregistered replication and extension of the cocktail party phenomenon: One’s name captures attention, unexpected words do not.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2021, 47, 234-242.	0.9	15
152	Multilab Direct Replication of Flavell, Beach, and Chinsky (1966): Spontaneous Verbal Rehearsal in a Memory Task as a Function of Age. <i>Advances in Methods and Practices in Psychological Science</i> , 2021, 4, 251524592110181.	9.4	15
153	Working memory and flexibility in awareness and attention. <i>Psychological Research</i> , 2005, 69, 412-419.	1.7	13
154	Within fluid cognition: Fluid processing and fluid storage?. <i>Behavioral and Brain Sciences</i> , 2006, 29, 129-130.	0.7	13
155	Updating schematic emotional facial expressions in working memory: Response bias and sensitivity. <i>Acta Psychologica</i> , 2017, 172, 10-18.	1.5	13
156	Sensory-motor integration and brain lesions: Progress toward explaining domain-specific phenomena within domain-general working memory. <i>Cortex</i> , 2019, 112, 149-161.	2.4	13
157	The development of metacognitive accuracy in working memory across childhood.. <i>Developmental Psychology</i> , 2021, 57, 1297-1317.	1.6	13
158	Do familiar memory items decay?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2020, 46, 60-76.	0.9	13
159	Spoken Word Learning Differences Among Children With Dyslexia, Concomitant Dyslexia and Developmental Language Disorder, and Typical Development. <i>Language, Speech, and Hearing Services in Schools</i> , 2019, 50, 540-561.	1.6	13
160	Is there a temporal basis of the word length effect? A response to Service (1998). <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2000, 53, 647-660.	2.3	13
161	Simple and Complex Working Memory Tasks Allow Similar Benefits of Information Compression. <i>Journal of Cognition</i> , 2018, 1, 31.	1.4	12
162	The development of categories at the semantics/syntax interface. <i>Cognitive Development</i> , 1993, 8, 465-494.	1.3	11

#	ARTICLE	IF	CITATIONS
163	What is more explanatory, processing capacity or processing speed?. Behavioral and Brain Sciences, 1998, 21, 835-836.	0.7	11
164	The Microanalysis of Memory Span and Its Development in Childhood. International Journal of Psychology, 1999, 34, 353-358.	2.8	11
165	When does a good working memory counteract proactive interference? Surprising evidence from a probe recognition task.. Journal of Experimental Psychology: General, 2013, 142, 12-17.	2.1	11
166	Novel Word Learning in Children Who Are Bilingual: Comparison to Monolingual Peers. Journal of Speech, Language, and Hearing Research, 2019, 62, 2332-2360.	1.6	11
167	Detection of the number of changes in a display in working memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 169-185.	0.9	10
168	Foundations of Arrogance: A Broad Survey and Framework for Research. Review of General Psychology, 2019, 23, 425-443.	3.2	10
169	Asymmetrical interference between item and order information in short-term memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2021, 47, 243-263.	0.9	10
170	Phonological working memory and central executive function differ in children with typical development and dyslexia. Dyslexia, 2022, 28, 20-39.	1.5	10
171	Two cognitive systems simultaneously prepared for opposite events. Psychophysiology, 1999, 36, 835-838.	2.4	10
172	Evidence for spontaneous serial refreshing in verbal working memory?. Psychonomic Bulletin and Review, 2018, 25, 674-680.	2.8	9
173	Children's long-term retention is directly constrained by their working memory capacity limitations. Developmental Science, 2022, 25, e13164.	2.4	9
174	Developmental change in the nature of attention allocation in a dual task.. Developmental Psychology, 2021, 57, 33-46.	1.6	9
175	Informed guessing in change detection.. Journal of Experimental Psychology: Learning Memory and Cognition, 2018, 44, 1023-1035.	0.9	9
176	The Structure of Word Learning in Young School-Age Children. Journal of Speech, Language, and Hearing Research, 2020, 63, 1446-1466.	1.6	9
177	Tone series and the nature of working memory capacity development.. Developmental Psychology, 2018, 54, 663-676.	1.6	9
178	Working Memory Predicts New Word Learning Over and Above Existing Vocabulary and Nonverbal IQ. Journal of Speech, Language, and Hearing Research, 2022, 65, 1044-1069.	1.6	9
179	Memory-Search and Rehearsal Processes and the Word Length Effect in Immediate Recall: A Synthesis in Reply to Service. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2000, 53, 666-670.	2.3	8
180	Working memory inefficiency: Minimal information is utilized in visual recognition tasks.. Journal of Experimental Psychology: Learning Memory and Cognition, 2013, 39, 1449-1462.	0.9	8

#	ARTICLE	IF	CITATIONS
181	Exploring age differences in visual working memory capacity: Is there a contribution of memory for configuration?. <i>Journal of Experimental Child Psychology</i> , 2015, 135, 72-85.	1.4	8
182	Merging with the path not taken: Wilhelm Wundt's work as a precursor to the embedded-processes approach to memory, attention, and consciousness. <i>Consciousness and Cognition</i> , 2018, 63, 228-238.	1.5	8
183	Process Overlap Theory and First Principles of Intelligence Testing. <i>Psychological Inquiry</i> , 2016, 27, 190-191.	0.9	7
184	Working Memory: The Information You Are Now Thinking of. , 2017, , 147-161.		7
185	Interaction effects on common measures of sensitivity: choice of measure, type I error, and power. <i>Behavior Research Methods</i> , 2019, 51, 2209-2227.	4.0	7
186	Selective Attention Tasks in Cognitive Research.. , 0, , 73-96.		7
187	The developmental course of two children who could talk backward five years ago. <i>Journal of Child Language</i> , 1987, 14, 393-395.	1.2	6
188	Comparisons of developmental modeling frameworks and levels of analysis in cognition: connectionist and dynamic systems theories deserve attention, but don't yet explain attention. <i>Developmental Science</i> , 2003, 6, 440-447.	2.4	6
189	Can we distinguish three maintenance processes in working memory?. <i>Annals of the New York Academy of Sciences</i> , 2018, 1424, 45-51.	3.8	6
190	What affects the magnitude of age-related dual-task costs in working memory? The role of stimulus domain and access to semantic representations. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 682-704.	1.1	6
191	Attention effects in working memory that are asymmetric across sensory modalities. <i>Memory and Cognition</i> , 2021, 49, 1050-1065.	1.6	6
192	The role of working memory in long-term learning: Implications for childhood development. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2021, 74, 1-45.	1.1	6
193	A matrix of consonant-cluster-free monosyllabic words in English. <i>Behavior Research Methods</i> , 1986, 18, 434-446.	1.3	5
194	Editorial: Representational states in memory: where do we stand?. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 453.	2.0	5
195	Phonological vulnerability for school-aged Spanish-English-speaking bilingual children. <i>International Journal of Bilingual Education and Bilingualism</i> , 2021, 24, 736-756.	2.1	5
196	The Girl Was Watered by the Flower: Effects of Working Memory Loads on Syntactic Production in Young Children. <i>Journal of Cognition and Development</i> , 2021, 22, 125-148.	1.3	5
197	Exploring the influence of temporal factors on age differences in working memory dual task costs.. <i>Psychology and Aging</i> , 2021, 36, 200-213.	1.6	5
198	Tradeoffs between item and order information in short-term memory. <i>Journal of Memory and Language</i> , 2022, 122, 104300.	2.1	5

#	ARTICLE	IF	CITATIONS
199	Converging evidence about information processing. Behavioral and Brain Sciences, 1990, 13, 237-238.	0.7	4
200	Applying how adults rehearse to understand how rehearsal may develop. Frontiers in Psychology, 2014, 5, 1538.	2.1	4
201	EXPLORING THE POSSIBLE AND NECESSARY IN WORKING MEMORY DEVELOPMENT. Monographs of the Society for Research in Child Development, 2016, 81, 149-158.	6.8	4
202	Incidental learning of list membership is affected by serial position in the list. Memory, 2020, 28, 669-676.	1.7	4
203	Do we use visual codes when information is not presented visually?. Memory and Cognition, 2020, 48, 1522-1536.	1.6	4
204	What do people typically do between list items? The nature of attention-based mnemonic activities depends on task context.. Journal of Experimental Psychology: Learning Memory and Cognition, 2019, 45, 779-794.	0.9	4
205	Why does visual working memory ability improve with age: More objects, more feature detail, or both? A registered report. Developmental Science, 2023, 26, .	2.4	4
206	Verbal Working Memory: A View with a Room. American Journal of Psychology, 1995, 108, 123.	0.3	3
207	Sensational Memorability. , 2015, , 5-22.		3
208	Flexible representations in visual working memory and interactions with long-term learning: Commentary on the special issue. British Journal of Psychology, 2019, 110, 449-460.	2.3	3
209	Co-existing, contradictory working memory models are ready for progressive refinement: Reply to Logie. Cortex, 2020, 123, 200-202.	2.4	3
210	Differentiation of Two Working Memory Tasks Normed on a Large U.S. Sample of Children 2-7 Years Old. Child Development, 2021, 92, 2268-2283.	3.0	3
211	Mismatch negativity in children and adults, and effects of an attended task. Psychophysiology, 2000, 37, 807-816.	2.4	3
212	Working Memory and Attention in Language Use. , 0, , .		2
213	Immediate recall of serial numbers with or without multiple item repetitions. Memory, 2021, 29, 744-761.	1.7	2
214	Reasoning and memory: People make varied use of the information available in working memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2016, 42, 700-722.	0.9	2
215	A reappraisal of acute doses of benzodiazepines as a model of anterograde amnesia. Human Psychopharmacology, 2021, 36, e2774.	1.5	2
216	Exploring the use of phonological and semantic representations in working memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2022, 48, 1638-1659.	0.9	2

#	ARTICLE	IF	CITATIONS
217	Item-Position Binding Capacity Limits and Word Limits in Working Memory: A Reanalysis of Oberauer (2019). <i>Journal of Cognition</i> , 2022, 5, .	1.4	2
218	Benefits and pitfalls of data compression in visual working memory. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 2843-2864.	1.3	1
219	Grouping effects in immediate reconstruction of order and the preconditions for long-term learning. <i>Quarterly Journal of Experimental Psychology</i> , 2022, 75, 174702182110308.	1.1	1
220	Why and how to study working memory development. <i>Annee Psychologique</i> , 2020, Vol. 120, 135-156.	0.3	1
221	The adversarial collaboration within each of us. Comment on Clark et al.. <i>Journal of Applied Research in Memory and Cognition</i> , 2022, 11, 19-22.	1.1	1
222	Lexical Access Speed and the Development of Phonological Recoding during Immediate Serial Recall. <i>Journal of Cognition and Development</i> , 2022, 23, 624-643.	1.3	1
223	Speech perception by ear, eye, hand, and mind. <i>Behavioral and Brain Sciences</i> , 1989, 12, 759-760.	0.7	0
224	Neuropsychology and mental structure: Where do we go from here?. <i>Behavioral and Brain Sciences</i> , 1991, 14, 445-446.	0.7	0
225	Assessing and Revising the Plan for Intelligence Testing. <i>Journal of Intelligence</i> , 2014, 2, 29-32.	2.5	0
226	Short Term Memories, Theories of. , 2015, , 901-908.		0
227	Auditory Memory. , 2022, , 274-276.		0