

# Pierre Barrouillet

## List of Publications by Year in descending order

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79  
papers

4,887  
citations

109264

35  
h-index

95218

68  
g-index

83  
all docs

83  
docs citations

83  
times ranked

2409  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.6	6
2	Exploring the influence of temporal factors on age differences in working memory dual task costs.. <i>Psychology and Aging</i> , 2021, 36, 200-213.	1.4	5
3	Is the cognitive system much more robust than anticipated? Dual-task costs and residuals in working memory.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2021, 47, 498-507.	0.7	0
4	Simple spans underestimate verbal working memory capacity.. <i>Journal of Experimental Psychology: General</i> , 2021, 150, 633-665.	1.5	9
5	On some of the main criticisms of the modal model: Reappraisal from a TBRS perspective. <i>Memory and Cognition</i> , 2020, 48, 455-468.	0.9	6
6	Are small additions solved by direct retrieval from memory or automated counting procedures? A rejoinder to Chen and Campbell (2018). <i>Psychonomic Bulletin and Review</i> , 2020, 27, 1416-1418.	1.4	11
7	How Do Scientific Views Change? Notes From an Extended Adversarial Collaboration. <i>Perspectives on Psychological Science</i> , 2020, 15, 1011-1025.	5.2	42
8	Effects of context on the rate of conjunctive responses in the probabilistic truth table task. <i>Thinking and Reasoning</i> , 2019, 25, 133-150.	2.1	0
9	Choking under experimenter's presence: Impact on proactive control and practical consequences for psychological science. <i>Cognition</i> , 2019, 189, 60-64.	1.1	7
10	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.	1.5	30
11	Is working memory storage intrinsically domain-specific?. <i>Journal of Experimental Psychology: General</i> , 2019, 148, 2027-2057.	1.5	19
12	Dual-task costs in working memory: An adversarial collaboration.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2019, 45, 1529-1551.	0.7	40
13	Working memory consolidation: insights from studies on attention and working memory. <i>Annals of the New York Academy of Sciences</i> , 2018, 1424, 8-18.	1.8	45
14	Spatial numerical associations in preschoolers. <i>Thinking and Reasoning</i> , 2018, 24, 221-233.	2.1	5
15	Frequency of finger looking during finger counting is related to children's working memory capacities. <i>Journal of Cognitive Psychology</i> , 2018, 30, 503-510.	0.4	5
16	Is memory better for objects than for separate single features? The temporal hypothesis.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2018, 44, 898-917.	0.7	0
17	Consolidation and restoration of memory traces in working memory. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 1651-1657.	1.4	23
18	The fate of distractors in working memory: No evidence for their active removal. <i>Cognition</i> , 2017, 169, 129-138.	1.1	11

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19	Cleaning working memory: The fate of distractors. <i>Journal of Memory and Language</i> , 2017, 92, 327-342.	1.1	8
20	Examining distinct working memory processes in children and adolescents using fMRI: Results and validation of a modified Brown-Peterson paradigm. <i>PLoS ONE</i> , 2017, 12, e0179959.	1.1	17
21	Fast automated counting procedures in addition problem solving: When are they used and why are they mistaken for retrieval?. <i>Cognition</i> , 2016, 146, 289-303.	1.1	57
22	Ten-year-old children strategies in mental addition: A counting model account. <i>Cognition</i> , 2016, 146, 48-57.	1.1	45
23	Working memory still needs verbal rehearsal. <i>Memory and Cognition</i> , 2016, 44, 197-206.	0.9	11
24	Probability in reasoning: A developmental test on conditionals. <i>Cognition</i> , 2015, 137, 22-39.	1.1	11
25	An empirical test of the independence between declarative and procedural working memory in Oberauer's (2009) theory. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 1035-1040.	1.4	9
26	Domain-general involvement of the posterior frontolateral cortex in time-based resource-sharing in working memory: An fMRI study. <i>NeuroImage</i> , 2015, 115, 104-116.	2.1	22
27	On the proper reading of the TBRS model: reply to Oberauer and Lewandowsky (2014). <i>Frontiers in Psychology</i> , 2014, 5, 1331.	1.1	12
28	Assessing Working Memory Capacity Through Time-Constrained Elementary Activities. <i>Journal of General Psychology</i> , 2014, 141, 98-112.	1.6	11
29	The impact of storage on processing: How is information maintained in working memory?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 1072-1095.	0.7	93
30	The maintenance of cross-domain associations in the episodic buffer.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 1096-1109.	0.7	30
31	Conditional reasoning in context: A developmental dual processes account. <i>Thinking and Reasoning</i> , 2014, 20, 372-384.	2.1	5
32	Maintaining information in visual working memory: Memory for bindings and memory for features are equally disrupted by increased attentional demands.. <i>Canadian Journal of Experimental Psychology</i> , 2014, 68, 158-162.	0.7	19
33	Attentional and non-attentional systems in the maintenance of verbal information in working memory: the executive and phonological loops. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 900.	1.0	50
34	On the problem-size effect in small additions: Can we really discard any counting-based account?. <i>Cognition</i> , 2013, 128, 35-44.	1.1	85
35	Forgetting at short term: When do event-based interference and temporal factors have an effect?. <i>Acta Psychologica</i> , 2013, 142, 155-167.	0.7	30
36	Forgetting from working memory: Does novelty encoding matter?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2013, 39, 110-125.	0.7	29

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37	As Time Goes By. <i>Current Directions in Psychological Science</i> , 2012, 21, 413-419.	2.8	119
38	Time causes forgetting from working memory. <i>Psychonomic Bulletin and Review</i> , 2012, 19, 87-92.	1.4	55
39	Developmental differences in working memory: Where do they come from?. <i>Journal of Experimental Child Psychology</i> , 2011, 110, 469-479.	0.7	57
40	Developmental change in working memory strategies: From passive maintenance to active refreshing.. <i>Developmental Psychology</i> , 2011, 47, 898-904.	1.2	93
41	The primacy of thinking about possibilities in the development of reasoning.. <i>Developmental Psychology</i> , 2011, 47, 1000-1011.	1.2	32
42	Dual-process theories and cognitive development: Advances and challenges. <i>Developmental Review</i> , 2011, 31, 79-85.	2.6	56
43	Dual-process theories of reasoning: The test of development. <i>Developmental Review</i> , 2011, 31, 151-151.	2.6	12
44	On the law relating processing to storage in working memory.. <i>Psychological Review</i> , 2011, 118, 175-192.	2.7	214
45	Evidence for knowledge of the syntax of large numbers in preschoolers. <i>Journal of Experimental Child Psychology</i> , 2010, 105, 264-271.	0.7	9
46	Heuristic and analytic processes in mental models for conditionals: An integrative developmental theory. <i>Developmental Review</i> , 2009, 29, 249-282.	2.6	70
47	Interference: unique source of forgetting in working memory?. <i>Trends in Cognitive Sciences</i> , 2009, 13, 145-146.	4.0	23
48	Working memory in children: A time-constrained functioning similar to adults. <i>Journal of Experimental Child Psychology</i> , 2009, 102, 368-374.	0.7	37
49	Working memory span development: A time-based resource-sharing model account.. <i>Developmental Psychology</i> , 2009, 45, 477-490.	1.2	166
50	Visual and spatial working memory are not that dissociated after all: A time-based resource-sharing account.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2009, 35, 1012-1028.	0.7	80
51	Is the influence of working memory capacity on high-level cognition mediated by complexity or resource-dependent elementary processes?. <i>Psychonomic Bulletin and Review</i> , 2008, 15, 528-534.	1.4	40
52	Time-related decay or interference-based forgetting in working memory?. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2008, 34, 1561-1564.	0.7	86
53	Strategies in subtraction problem solving in children. <i>Journal of Experimental Child Psychology</i> , 2008, 99, 233-251.	0.7	108
54	Mental models and the suppositional account of conditionals.. <i>Psychological Review</i> , 2008, 115, 760-771.	2.7	84

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55	Working memory costs of task switching.. Journal of Experimental Psychology: Learning Memory and Cognition, 2008, 34, 478-494.	0.7	92
56	Time and cognitive load in working memory.. Journal of Experimental Psychology: Learning Memory and Cognition, 2007, 33, 570-585.	0.7	414
57	Encoding numbers: Behavioral evidence for processing-specific representations. Memory and Cognition, 2006, 34, 938-948.	0.9	21
58	Impact de la nature et du rythme de réalisation de la tâche secondaire dans les tâches d'empan de mémoire de travail. Année Psychologique, 2006, 106, 23.	0.2	1
59	Chronometric evidence for memory retrieval in causal conditional reasoning: The case of the association strength effect. Memory and Cognition, 2005, 33, 734-741.	0.9	10
60	Working memory and children's use of retrieval to solve addition problems. Journal of Experimental Child Psychology, 2005, 91, 183-204.	0.7	161
61	Delays of retention, processing efficiency, and attentional resources in working memory span development. Journal of Memory and Language, 2004, 51, 644-657.	1.1	59
62	: Introduction: Why is understanding the development of reasoning important?. Thinking and Reasoning, 2004, 10, 113-121.	2.1	17
63	ADAPT: A Developmental, Asemantic, and Procedural Model for Transcoding From Verbal to Arabic Numerals.. Psychological Review, 2004, 111, 368-394.	2.7	85
64	Time Constraints and Resource Sharing in Adults' Working Memory Spans.. Journal of Experimental Psychology: General, 2004, 133, 83-100.	1.5	702
65	On the nature of mental models of conditional: The case of if, if then, and only if. Thinking and Reasoning, 2003, 9, 289-306.	2.1	14
66	Developmental and Content Effects in Reasoning with Causal Conditionals. Journal of Experimental Child Psychology, 2002, 81, 235-248.	0.7	27
67	Is the self-organizing consciousness framework compatible with human deductive reasoning?. Behavioral and Brain Sciences, 2002, 25, 330-331.	0.4	1
68	The Development of Conditional Reasoning: A Mental Model Account. Developmental Review, 2002, 22, 5-36.	2.6	214
69	Does the Coordination of Verbal and Motor Information Explain the Development of Counting in Children?. Journal of Experimental Child Psychology, 2001, 78, 240-262.	0.7	22
70	Developmental Increase in Working Memory Span: Resource Sharing or Temporal Decay?. Journal of Memory and Language, 2001, 45, 1-20.	1.1	123
71	Conditional reasoning by mental models: chronometric and developmental evidence. Cognition, 2000, 75, 237-266.	1.1	145
72	Illusory inferences from a disjunction of conditionals: a new mental models account. Cognition, 2000, 76, 167-173.	1.1	7

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73	Mental Models in Conditional Reasoning and Working Memory. <i>Thinking and Reasoning</i> , 1999, 5, 289-302.	2.1	195
74	From algorithmic computing to direct retrieval: Evidence from number and alphabetic arithmetic in children and adults. <i>Memory and Cognition</i> , 1998, 26, 355-368.	0.9	73
75	How can mental models theory account for content effects in conditional reasoning? A developmental perspective. <i>Cognition</i> , 1998, 67, 209-253.	1.1	115
76	Selecting between Competitors in Multiplication Tasks: An Explanation of the Errors Produced by Adolescents with Learning Difficulties. <i>International Journal of Behavioral Development</i> , 1997, 21, 253-275.	1.3	97
77	Transitive inferences from set-inclusion relations and working memory.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1996, 22, 1408-1422.	0.7	54
78	Judgement and production of drawings by 3- to 10-year-olds: Comparison of declarative and procedural drawing knowledge. <i>European Journal of Psychology of Education</i> , 1995, 10, 303-313.	1.3	7
79	Schematic or taxonomic organisation of the reality and the development of class logic. <i>International Journal of Psychology</i> , 1994, 29, 183-212.	1.7	1