

Martijn Meeter

List of Publications by Citations

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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.

130
papers

3,367
citations

34
h-index

53
g-index

152
ext. papers

3,948
ext. citations

3.4
avg, IF

5.75
L-index

#	Paper	IF	Citations
130	A boost and bounce theory of temporal attention. <i>Psychological Review</i> , 2008 , 115, 836-63	6.3	295
129	Eye movement trajectories and what they tell us. <i>Neuroscience and Biobehavioral Reviews</i> , 2006 , 30, 666-79	1.8	169
128	Mode shifting between storage and recall based on novelty detection in oscillating hippocampal circuits. <i>Hippocampus</i> , 2004 , 14, 722-41	3.5	108
127	On the dissociation between compound and present/absent tasks in visual search: Intertrial priming is ambiguity driven. <i>Visual Cognition</i> , 2006 , 13, 1-28	1.8	107
126	A competitive integration model of exogenous and endogenous eye movements. <i>Biological Cybernetics</i> , 2010 , 102, 271-91	2.8	104
125	Consolidation of long-term memory: evidence and alternatives. <i>Psychological Bulletin</i> , 2004 , 130, 843-57	19.1	98
124	Intertrial priming stemming from ambiguity: A new account of priming in visual search. <i>Visual Cognition</i> , 2006 , 13, 202-222	1.8	89
123	Short- and long-lasting consequences of novelty, deviance and surprise on brain and cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2015 , 55, 268-79	9	85
122	Neural mechanisms underlying probabilistic category learning in normal aging. <i>Journal of Neuroscience</i> , 2005 , 25, 11340-8	6.6	85
121	Hippocampal structure and function in individuals with bipolar disorder: a systematic review. <i>Journal of Affective Disorders</i> , 2015 , 174, 113-25	6.6	81
120	OB1-reader: A model of word recognition and eye movements in text reading. <i>Psychological Review</i> , 2018 , 125, 969-984	6.3	76
119	Time-dependent effects of cortisol on the contextualization of emotional memories. <i>Biological Psychiatry</i> , 2013 , 74, 809-16	7.9	71
118	Neural correlates of probabilistic category learning in patients with schizophrenia. <i>Journal of Neuroscience</i> , 2009 , 29, 1244-54	6.6	62
117	Computational models of the hippocampal region: linking incremental learning and episodic memory. <i>Trends in Cognitive Sciences</i> , 2003 , 7, 269-276	14	60
116	The limits of top-down control of visual attention. <i>Acta Psychologica</i> , 2009 , 132, 201-12	1.7	58
115	The reliability of retro-cues determines the fate of noncued visual working memory representations. <i>Psychonomic Bulletin and Review</i> , 2015 , 22, 1334-41	4.1	54
114	Reduced parahippocampal connectivity produces schizophrenia-like memory deficits in simulated neural circuits with reduced parahippocampal connectivity. <i>Archives of General Psychiatry</i> , 2005 , 62, 485-93		53

113	Evidence for simultaneous syntactic processing of multiple words during reading. <i>PLoS ONE</i> , 2017 , 12, e0173720	3.7	52
112	Effects of 5-HT on memory and the hippocampus: model and data. <i>Neuropsychopharmacology</i> , 2006 , 31, 712-20	8.7	52
111	The rise and fall of immediate and delayed memory for verbal and visuospatial information from late childhood to late adulthood. <i>Acta Psychologica</i> , 2013 , 142, 96-107	1.7	50
110	Retrograde amnesia after electroconvulsive therapy: a temporary effect?. <i>Journal of Affective Disorders</i> , 2011 , 132, 216-22	6.6	49
109	Catecholaminergic Regulation of Learning Rate in a Dynamic Environment. <i>PLoS Computational Biology</i> , 2016 , 12, e1005171	5	46
108	Outlines of a multiple trace theory of temporal preparation. <i>Frontiers in Psychology</i> , 2014 , 5, 1058	3.4	43
107	Reminiscence bump in memory for public events. <i>European Journal of Cognitive Psychology</i> , 2008 , 20, 738-764		43
106	Remembering the news: modeling retention data from a study with 14,000 participants. <i>Memory and Cognition</i> , 2005 , 33, 793-810	2.2	43
105	The spatial coding of the inhibition evoked by distractors. <i>Vision Research</i> , 2007 , 47, 210-8	2.1	40
104	Strategies in probabilistic categorization: results from a new way of analyzing performance. <i>Learning and Memory</i> , 2006 , 13, 230-9	2.8	38
103	Integrating incremental learning and episodic memory models of the hippocampal region. <i>Psychological Review</i> , 2005 , 112, 560-85	6.3	38
102	Can a single short-term mechanism account for priming of pop-out?. <i>Vision Research</i> , 2015 , 115, 17-22	2.1	37
101	Is a search template an ordinary working memory? Comparing electrophysiological markers of working memory maintenance for visual search and recognition. <i>Neuropsychologia</i> , 2014 , 60, 29-38	3.2	37
100	A computational approach to memory deficits in schizophrenia. <i>Neurocomputing</i> , 2002 , 44-46, 929-936	5.4	37
99	Local and interregional alpha EEG dynamics dissociate between memory for search and memory for recognition. <i>NeuroImage</i> , 2017 , 149, 114-128	7.9	36
98	It depends on when you look at it: Saliency influences eye movements in natural scene viewing and search early in time. <i>Journal of Vision</i> , 2015 , 15, 9	0.4	36
97	Tracelink: A model of consolidation and amnesia. <i>Cognitive Neuropsychology</i> , 2005 , 22, 559-87	2.3	36
96	Relative risk of probabilistic category learning deficits in patients with schizophrenia and their siblings. <i>Biological Psychiatry</i> , 2010 , 67, 948-55	7.9	34

95	The effects of a task-irrelevant visual event on spatial working memory. <i>Psychonomic Bulletin and Review</i> , 2007 , 14, 1066-71	4.1	32
94	Retrograde amnesia for autobiographical memories and public events in mild and moderate Alzheimer's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2006 , 28, 914-27	2.1	32
93	Anchoring effects in the absolute accuracy of immediate versus delayed judgments of learning. <i>Journal of Memory and Language</i> , 2004 , 51, 71-79	3.8	32
92	Hazard versus history: Temporal preparation is driven by past experience. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2017 , 43, 78-88	2.6	30
91	Multiple study trials and judgments of learning. <i>Acta Psychologica</i> , 2003 , 113, 123-32	1.7	29
90	Exploring a novel environment improves motivation and promotes recall of words. <i>Frontiers in Psychology</i> , 2014 , 5, 918	3.4	28
89	Effects of search difficulty on the selection, maintenance, and learning of attentional templates. <i>Journal of Cognitive Neuroscience</i> , 2014 , 26, 2042-54	3.1	27
88	Cortisol mediates the effects of stress on the contextual dependency of memories. <i>Psychoneuroendocrinology</i> , 2014 , 41, 97-110	5	26
87	Probabilistic categorization: how do normal participants and amnesic patients do it?. <i>Neuroscience and Biobehavioral Reviews</i> , 2008 , 32, 237-48	9	26
86	Neurotransmitters and Novelty: A Systematic Review. <i>Journal of Psychopharmacology</i> , 2016 , 30, 3-12	4.6	25
85	The detection of novelty relies on dopaminergic signaling: evidence from apomorphine's impact on the novelty N2. <i>PLoS ONE</i> , 2013 , 8, e66469	3.7	25
84	Top-down influences make saccades deviate away: the case of endogenous cues. <i>Acta Psychologica</i> , 2007 , 125, 279-90	1.7	25
83	Feature priming and the capture of visual attention: linking two ambiguity resolution hypotheses. <i>Brain Research</i> , 2011 , 1370, 175-84	3.7	24
82	Reduced context effects on retrieval in first-episode schizophrenia. <i>PLoS ONE</i> , 2010 , 5, e10356	3.7	23
81	Acquired equivalence changes stimulus representations. <i>Journal of the Experimental Analysis of Behavior</i> , 2009 , 91, 127-41	2.1	22
80	Novelty enhances visual perception. <i>PLoS ONE</i> , 2012 , 7, e50599	3.7	22
79	Novelty detection is enhanced when attention is otherwise engaged: an event-related potential study. <i>Experimental Brain Research</i> , 2014 , 232, 995-1011	2.3	20
78	The long and the short of priming in visual search. <i>Attention, Perception, and Psychophysics</i> , 2015 , 77, 1558-73	2	19

77	Do you see what I see? Sex differences in the discrimination of facial emotions during adolescence. <i>Emotion</i> , 2013 , 13, 1030-40	4.1	18
76	Cortico-hippocampal interaction and adaptive stimulus representation: a neurocomputational theory of associative learning and memory. <i>Neural Networks</i> , 2005 , 18, 1265-79	9.1	18
75	Factors Influencing Academic Motivation of Ethnic Minority Students: A Review. <i>SAGE Open</i> , 2018 , 8, 215824401878541	1.5	17
74	A mathematical model of forgetting and amnesia. <i>Frontiers in Psychology</i> , 2013 , 4, 76	3.4	16
73	Integrating educational knowledge: reactivation of prior knowledge during educational learning enhances memory integration. <i>Npj Science of Learning</i> , 2018 , 3, 11	6	16
72	Dominance of objects over context in a mediotemporal lobe model of schizophrenia. <i>PLoS ONE</i> , 2009 , 4, e6505	3.7	15
71	Task-irrelevant memories rapidly gain attentional control with learning. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016 , 42, 354-362	2.6	15
70	Visual priming through a boost of the target signal: evidence from saccadic landing positions. <i>Attention, Perception, and Psychophysics</i> , 2013 , 75, 1336-41	2	14
69	Expecting the unexpected: the effects of deviance on novelty processing. <i>Behavioral Neuroscience</i> , 2014 , 128, 146-60	2.1	14
68	Novelty processing and memory formation in Parkinson's disease. <i>Neuropsychologia</i> , 2014 , 62, 124-36	3.2	13
67	The influence of a scene preview on eye movement behavior in natural scenes. <i>Psychonomic Bulletin and Review</i> , 2016 , 23, 1794-1801	4.1	13
66	Time, not sleep, unbinds contexts from item memory. <i>PLoS ONE</i> , 2014 , 9, e88307	3.7	12
65	College students' motivation and study results after COVID-19 stay-at-home orders		12
64	EEG dynamics reveal a dissociation between storage and selective attention within working memory. <i>Scientific Reports</i> , 2019 , 9, 13499	4.9	11
63	Implicit short- and long-term memory direct our gaze in visual search. <i>Attention, Perception, and Psychophysics</i> , 2016 , 78, 761-73	2	11
62	Electrophysiological analysis of the role of novelty in the von Restorff effect. <i>Brain and Behavior</i> , 2013 , 3, 159-70	3.4	11
61	Feature priming in visual search does not depend on the dimensional context. <i>Visual Cognition</i> , 2008 , 16, 785-803	1.8	11
60	How to optimize knowledge construction in the brain. <i>Npj Science of Learning</i> , 2020 , 5, 5	6	10

59	Facilitation of responses by task-irrelevant complex deviant stimuli. <i>Acta Psychologica</i> , 2014 , 148, 74-80	1.7	10
58	Congruency and reactivation aid memory integration through reinstatement of prior knowledge. <i>Scientific Reports</i> , 2020 , 10, 4776	4.9	9
57	Timing a week later: The role of long-term memory in temporal preparation. <i>Psychonomic Bulletin and Review</i> , 2017 , 24, 1900-1905	4.1	9
56	Hippocampal theta frequency and novelty. <i>Hippocampus</i> , 2009 , 19, 407-8; author reply 409-10	3.5	9
55	Cuing the dimension of a distractor: verbal cues of target identity also benefit same-dimension distractor singletons. <i>Psychonomic Bulletin and Review</i> , 2006 , 13, 118-24	4.1	9
54	Integrating Orthographic Information Across Time and Space. <i>Experimental Psychology</i> , 2018 , 65, 32-39	1.5	9
53	Motivation-Achievement Cycles in Learning: a Literature Review and Research Agenda. <i>Educational Psychology Review</i> , 1	7.1	9
52	Target features and target-distractor relation are both primed in visual search. <i>Attention, Perception, and Psychophysics</i> , 2014 , 76, 682-94	2	8
51	Of sports and politics: Predicting category-specific retention of news events from demographic variables. <i>European Journal of Cognitive Psychology</i> , 2010 , 22, 117-129		8
50	Predicting the unknown: Novelty processing depends on expectations. <i>Brain Research</i> , 2018 , 1694, 140-148	3.48	8
49	Lockdown Learning: Changes in Online Foreign-Language Study Activity and Performance of Dutch Secondary School Students During the COVID-19 Pandemic. <i>Frontiers in Education</i> , 6,	2.1	8
48	A model of curved saccade trajectories: spike rate adaptation in the brainstem as the cause of deviation away. <i>Brain and Cognition</i> , 2014 , 85, 259-70	2.7	7
47	Facilitation of memory by contextual cues in patients with diencephalic or medial temporal lobe dysfunction. <i>Neuropsychologia</i> , 2012 , 50, 1603-8	3.2	7
46	Location invariance in masked repetition priming of letters and words. <i>Acta Psychologica</i> , 2013 , 142, 23-9	1.7	7
45	Neural Models that Convince: Model Hierarchies and Other Strategies to Bridge the Gap Between Behavior and the Brain. <i>Philosophical Psychology</i> , 2007 , 20, 749-772	1.1	7
44	Control of consolidation in neural networks: Avoiding runaway effects. <i>Connection Science</i> , 2003 , 15, 45-61	2.8	7
43	Simulating episodic memory deficits in semantic dementia with the TraceLink model. <i>Memory</i> , 2004 , 12, 272-87	1.8	7
42	In defense of the salience map: salience rather than visibility determines selection. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013 , 39, 1516-24	2.6	6

41	Effects of prime-target spatial separation and attentional deployment on masked repetition priming. <i>Perception & Psychophysics</i> , 2008 , 70, 1393-400		6
40	Primary school mathematics during the COVID-19 pandemic: No evidence of learning gaps in adaptive practicing results. <i>Trends in Neuroscience and Education</i> , 2021 , 25, 100163	3.7	6
39	Long-term priming of visual search prevails against the passage of time and counteracting instructions. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2016 , 42, 1293-303	2.2	6
38	Noise annoyance caused by continuous descent approaches compared to regular descent procedures. <i>Applied Acoustics</i> , 2017 , 125, 194-198	3.1	5
37	An electrophysiological investigation of orthographic spatial integration in reading. <i>Neuropsychologia</i> , 2019 , 129, 276-283	3.2	5
36	Word cues affect detection but not localization responses. <i>Attention, Perception, and Psychophysics</i> , 2010 , 72, 65-75	2	5
35	The Higher Education Enrollment Decision: Feedback on Expected Study Success and Updating Behavior. <i>Journal of Research on Educational Effectiveness</i> , 2019 , 12, 67-89	1.4	5
34	Primary school mathematics during Covid-19: No evidence of learning gaps in adaptive practicing results		5
33	Annoyance by transportation noise: The effects of source identity and tonal components. <i>Journal of the Acoustical Society of America</i> , 2017 , 141, 3137	2.2	4
32	Aging and a genetic KIBRA polymorphism interactively affect feedback- and observation-based probabilistic classification learning. <i>Neurobiology of Aging</i> , 2018 , 61, 36-43	5.6	4
31	Retrograde amnesia for semantic information in Alzheimer's disease. <i>Journal of the International Neuropsychological Society</i> , 2005 , 11, 40-8	3.1	4
30	Examining the effect of lab instructions on students' critical thinking during a chemical inquiry practical. <i>Chemistry Education Research and Practice</i> , 2020 , 21, 1173-1182	2.1	4
29	The warning stimulus as retrieval cue: The role of associative memory in temporal preparation. <i>Cognitive Psychology</i> , 2021 , 125, 101378	3.1	4
28	Novelty's effect on memory encoding. <i>Acta Psychologica</i> , 2015 , 159, 14-21	1.7	3
27	Episodic memory enhancement versus impairment is determined by contextual similarity across events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
26	Scientific Perspectivism in Secondary-School Chemistry Education. <i>Science and Education</i> , 2020 , 29, 1361-1388		3
25	Happier, faster: Developmental changes in the effects of mood and novelty on responses. <i>Quarterly Journal of Experimental Psychology</i> , 2016 , 69, 37-47	1.8	2
24	Current versus past ambiguity in intertrial priming. <i>Visual Cognition</i> , 2012 , 20, 627-646	1.8	2

23	The Loss of Information from Visual Working Memory depends on Retro-Cue Reliability. <i>Journal of Vision</i> , 2015 , 15, 91	0.4	2
22	Content expectations and dropout in Dutch vocational education. <i>Empirical Research in Vocational Education and Training</i> , 2020 , 12,	1.1	2
21	Unattended but actively stored: EEG dynamics reveal a dissociation between selective attention and storage in working memory		2
20	Learning about stress from building, drilling and flying: a scoping review on team performance and stress in non-medical fields. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2021 , 29, 52	3.6	2
19	Appreciating small-group active learning: What do medical students want, and why? A Q-methodology study. <i>Medical Teacher</i> , 2021 , 43, 411-420	3	2
18	FMTTP: A unifying computational framework of temporal preparation across time scales.. <i>Psychological Review</i> , 2022 ,	6.3	2
17	Educational equity and teacher discretion effects in high stake exams. <i>Economics of Education Review</i> , 2019 , 73, 101908	1.9	1
16	The Role of Attention in Word Recognition: Results from OB1-Reader. <i>Cognitive Science</i> , 2020 , 44, e128462		1
15	You prime what you code: The fAIM model of priming of pop-out. <i>PLoS ONE</i> , 2017 , 12, e0187556	3.7	1
14	Type of activity and order of experimental conditions affect noise annoyance by identifiable and unidentifiable transportation noise. <i>Journal of the Acoustical Society of America</i> , 2018 , 143, 2165	2.2	1
13	Tests voor retrograde amnesie. <i>Neuropraxis</i> , 2002 , 6, 109-114	0	1
12	Mechanistic pathways of change in twice weekly versus once weekly sessions of psychotherapy for depression.. <i>Behaviour Research and Therapy</i> , 2022 , 151, 104038	5.2	1
11	Temporal and specific pathways of change in cognitive behavioral therapy (CBT) and interpersonal psychotherapy (IPT) for depression.. <i>Behaviour Research and Therapy</i> , 2021 , 151, 104010	5.2	1
10	Cognitive skills, personality traits and dropout in Dutch vocational education. <i>Empirical Research in Vocational Education and Training</i> , 2018 , 10,	1.1	1
9	Novelty processing depends on medial temporal lobe structures. <i>Neurobiology of Learning and Memory</i> , 2021 , 183, 107464	3.1	1
8	Identifying false positives when targeting students at risk of dropping out. <i>Education Economics</i> , 1-13	0.7	1
7	Seeing the past: afterglow effects on familiarity judgments are category-specific. <i>Learning and Memory</i> , 2019 , 26, 229-234	2.8	0
6	Study progression and degree completion of autistic students in higher education: a longitudinal study. <i>Higher Education</i> , 1	3	0

- 5 Multiple memory stores and operant conditioning: a rationale for memory's complexity. *Brain and Cognition*, **2009**, 69, 200-8 2.7
- 4 Combating fuzziness with computational modeling. *Behavioral and Brain Sciences*, **2003**, 26, 107-108 0.9
- 3 Relative letter-position coding revisited.. *Psychonomic Bulletin and Review*, **2022**, 1 4.1
- 2 How and why learning theories are taught in current Dutch teacher education programs. Identifying a gap between paradigm and reality in teacher education. *Teaching and Teacher Education*, **2022**, 109, 103537 2.9
- 1 Is temporal orienting a voluntary and controlled process?. *Journal of Vision*, **2021**, 21, 67 0.4