Jaap M J Murre

List of Publications by Year
in descending order

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75 papers	3,192 citations	201674 27 h-index	168389 53 g-index
78 all docs	78 docs citations	78 times ranked	3473 citing authors

#	Article	IF	Citations
1	Rehabilitation of brain damage: Brain plasticity and principles of guided recovery.. Psychological Bulletin, 1999, 125, 544-575.	6.1	468
2	Replication and Analysis of Ebbinghausâ€™ Forgetting Curve. PLoS ONE, 2015, 10, e0120644.	2.5	368
3	Right or Wrong?. Psychological Science, 2009, 20, 1092-1099.	3.3	218
4	Mode shifting between storage and recall based on novelty detection in oscillating hippocampal circuits. Hippocampus, 2004, 14, 722-741.	1.9	134
5	Consolidation of Long-Term Memory: Evidence and Alternatives.. Psychological Bulletin, 2004, 130, 843-857.	6.1	112
6	Memory for time: How people date events. Memory and Cognition, 2006, 34, 138-147.	1.6	102
7	Brain training in progress: a review of trainability in healthy seniors. Frontiers in Human Neuroscience, 2012, 6, 183.	2.0	101
8	TraceLink: A model of amnesia and consolidation of memory. , 1996, 6, 675-684.		98
9	The reminiscence bump in autobiographical memory: Effects of age, gender, education, and culture. Memory, 2005, 13, 658-668.	1.7	82
10	Temporal distribution of favourite books, movies, and records: Differential encoding and re-sampling. Memory, 2007, 15, 755-767.	1.7	77
11	Reminiscence Bump in Autobiographical Memory: Unexplained by Novelty, Emotionality, Valence, or Importance of Personal Events. Quarterly Journal of Experimental Psychology, 2008, 61, 1847-1860.	1.1	72
12	The rise and fall of immediate and delayed memory for verbal and visuospatial information from late childhood to late adulthood. Acta Psychologica, 2013, 142, 96-107.	1.5	72
13	Computer-Based Cognitive Training for Executive Functions after Stroke: A Systematic Review. Frontiers in Human Neuroscience, 2016, 10, 150.	2.0	62
14	Reduced Parahippocampal Connectivity Produces Schizophrenia-like Memory Deficits in Simulated Neural Circuits With Reduced Parahippocampal Connectivity. Archives of General Psychiatry, 2005, 62, 485.	12.3	61
15	Reliability and validity of a self-administered tool for online neuropsychological testing: The Amsterdam Cognition Scan. Journal of Clinical and Experimental Neuropsychology, 2018, 40, 253-273.	1.3	55
16	Retrograde amnesia after electroconvulsive therapy: A temporary effect?. Journal of Affective Disorders, 2011, 132, 216-222.	4.1	53
17	Reminiscence bump in memory for public events. European Journal of Cognitive Psychology, 2008, 20, 738-764.	1.3	52
18	Interactions between higher and lower visual areas improve shape selectivity of higher level neuronsâ€”Explaining crowding phenomena. Brain Research, 2007, 1157, 167-176.	2.2	46

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19	Online cognition: factors facilitating reliable online neuropsychological test results. Clinical Neuropsychologist, 2017, 31, 59-84.	2.3	46
20	Tracelink: A model of consolidation and amnesia. Cognitive Neuropsychology, 2005, 22, 559-587.	1.1	45
21	Power laws from individual differences in learning and forgetting: mathematical analyses. Psychonomic Bulletin and Review, 2011, 18, 592-597.	2.8	45
22	Cognitive Flexibility Training: A Large-Scale Multimodal Adaptive Active-Control Intervention Study in Healthy Older Adults. Frontiers in Human Neuroscience, 2017, 11, 529.	2.0	45
23	Methods to split cognitive task data for estimating split-half reliability: A comprehensive review and systematic assessment. Psychonomic Bulletin and Review, 2022, 29, 44-54.	2.8	37
24	Brain training improves recovery after stroke but waiting list improves equally: A multicenter randomized controlled trial of a computer-based cognitive flexibility training. PLoS ONE, 2017, 12, e0172993.	2.5	36
25	Pseudo-Synesthesia through Reading Books with Colored Letters. PLoS ONE, 2012, 7, e39799.	2.5	36
26	The Factor Structure of Cognitive Functioning in Cognitively Healthy Participants: a Meta-Analysis and Meta-Analysis of Individual Participant Data. Neuropsychology Review, 2020, 30, 51-96.	4.9	35
27	Advanced Neuropsychological Diagnostics Infrastructure (ANDI): A Normative Database Created from Control Datasets. Frontiers in Psychology, 2016, 7, 1601.	2.1	33
28	Retention of autobiographical memories: An Internet-based diary study. Memory, 2009, 17, 816-829.	1.7	31
29	Online Self-Administered Cognitive Testing Using the Amsterdam Cognition Scan: Establishing Psychometric Properties and Normative Data. Journal of Medical Internet Research, 2018, 20, e192.	4.3	31
30	S-shaped learning curves. Psychonomic Bulletin and Review, 2014, 21, 344-356.	2.8	30
31	The relation between verbal and visuospatial memory and autobiographical memory. Consciousness and Cognition, 2015, 31, 12-23.	1.5	29
32	A Neurocognitive Model of Advertisement Content and Brand Name Recall. Marketing Science, 2007, 26, 130-141.	4.1	28
33	The influence of computer-based cognitive flexibility training on subjective cognitive well-being after stroke: A multi-center randomized controlled trial. PLoS ONE, 2017, 12, e0187582.	2.5	28
34	Dissociating explicit and implicit effects of cross-media advertising. International Journal of Advertising, 2015, 34, 744-764.	6.7	27
35	Birds of a Feather Flock Together: Experience-Driven Formation of Visual Object Categories in Human Ventral Temporal Cortex. PLoS ONE, 2008, 3, e3995.	2.5	27
36	Mental chronometry in the pocket? Timing accuracy of web applications on touchscreen and keyboard devices. Behavior Research Methods, 2020, 52, 1371-1382.	4.0	26

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37	A Mathematical Model of Forgetting and Amnesia. Frontiers in Psychology, 2013, 4, 76.	2.1	23
38	Cognitive functioning, sleep quality, and work performance in non-clinical burnout: The role of working memory. PLoS ONE, 2020, 15, e0231906.	2.5	23
39	The effect of computer-based cognitive flexibility training on recovery of executive function after stroke: rationale, design and methods of the TAPASS study. BMC Neurology, 2015, 15, 144.	1.8	21
40	A model for removing the increased recall of recent events from the temporal distribution of autobiographical memory. Behavior Research Methods, 2011, 43, 916-930.	4.0	18
41	A Retrospective Controlled Study into Memory Complaints Reported by Depressed Patients After Treatment with Electroconvulsive Therapy and Pharmacotherapy or Pharmacotherapy Only. Journal of ECT, 2006, 22, 199-205.	0.6	15
42	Changes in Everyday and Semantic Memory Function After Electroconvulsive Therapy for Unipolar Depression. Journal of ECT, 2007, 23, 153-157.	0.6	15
43	The effect of self-reported habitual sleep quality and sleep length on autobiographical memory. Memory, 2014, 22, 633-645.	1.7	14
44	Does cognitive flexibility training enhance subjective mental functioning in healthy older adults?. Aging, Neuropsychology, and Cognition, 2019, 26, 688-710.	1.3	14
45	A memory model for internet hits after media exposure. Physica A: Statistical Mechanics and Its Applications, 2004, 333, 541-552.	2.6	13
46	Modeling Recognition Memory Using the Similarity Structure of Natural Input. Cognitive Science, 2006, 30, 121-145.	1.7	13
47	Simulating episodic memory deficits in semantic dementia with the TraceLink model. Memory, 2004, 12, 272-287.	1.7	12
48	Multivariate normative comparisons using an aggregated database. PLoS ONE, 2017, 12, e0173218.	2.5	12
49	The Interplay Between Quality of Life and Resilience Factors in Later Life: A Network Analysis. Frontiers in Psychology, 2021, 12, 752564.	2.1	12
50	Of sports and politics: Predicting category-specific retention of news events from demographic variables. European Journal of Cognitive Psychology, 2010, 22, 117-129.	1.3	10
51	The Godden and Baddeley (1975) experiment on context-dependent memory on land and underwater: a replication. Royal Society Open Science, 2021, 8, 200724.	2.4	10
52	Chapter 3 Episodic memory in semantic dementia: a computational approach based on the TraceLink model. Progress in Brain Research, 1999, 121, 47-65.	1.4	9
53	Defining (trained) grapheme-color synesthesia. Frontiers in Human Neuroscience, 2014, 8, 368.	2.0	9
54	Creating Colored Letters: Familial Markers of Grapheme–Color Synesthesia in Parietal Lobe Activation and Structure. Journal of Cognitive Neuroscience, 2017, 29, 1239-1252.	2.3	9

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55	Binding in working memory and long-term memoryTowards an integrated model. , 2006, , 221-250.		9
56	Interaction of Cortex and Hippocampus in a Model of Amnesia and Semantic Dementia. Reviews in the Neurosciences, 1999, 10, 267-78.	2.9	7
57	Modelling memory processes and Internet response times: Weibull or power-law?. Physica A: Statistical Mechanics and Its Applications, 2006, 366, 539-551.	2.6	7
58	Neural Models that Convince: Model Hierarchies and Other Strategies to Bridge the Gap Between Behavior and the Brain. Philosophical Psychology, 2007, 20, 749-772.	0.9	7
59	The scalable mammalian brain: emergent distributions of glia and neurons. Biological Cybernetics, 2008, 98, 439-445.	1.3	7
60	Multivariate normative comparisons for neuropsychological assessment by a multilevel factor structure or multiple imputation approach.. Psychological Assessment, 2018, 30, 436-449.	1.5	6
61	Psychological Coping and Behavioral Adjustment Among Older Adults in Times of COVID-19: Exploring the Protective Role of Working Memory and Habit Propensity. Journal of Adult Development, 2022, 29, 240-254.	1.4	6
62	Visual cortex activity predicts subjective experience after reading books with colored letters. Neuropsychologia, 2016, 88, 15-27.	1.6	5
63	Hypertransfer in Neural Networks. Connection Science, 1996, 8, 249-258.	3.0	4
64	TOWARD A VISUAL COGNITIVE SYSTEM USING ACTIVE TOP-DOWN SACCADIC CONTROL. International Journal of Humanoid Robotics, 2008, 05, 225-246.	1.1	4
65	Training Synesthetic Letter-color Associations by Reading in Color. Journal of Visualized Experiments, 2014, , e50893.	0.3	4
66	Binary classification threatens the validity of cognitive impairment detection.. Neuropsychology, 2023, 37, 344-350.	1.3	4
67	NMDA synapses can bias competition between object representations and mediate attentional selection. Behavioral and Brain Sciences, 2003, 26, 100-101.	0.7	3
68	Psychotic depressive subtype and white mater hyperintensities do not predict cognitive side effects in ECT: A systematic review of pretreatment predictors. Journal of Affective Disorders, 2020, 272, 340-347.	4.1	3
69	Spontaneous Eye Blinks Predict Executive Functioning in Seniors. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 0, , 1.	1.6	3
70	Selective attention along arbitrary axes. European Journal of Cognitive Psychology, 2007, 19, 769-788.	1.3	2
71	Getting from neuron to checkmark: models and methods in cognitive survey research. Applied Cognitive Psychology, 2008, 22, 709-732.	1.6	2
72	Selfreparing Neural Networks: A Model for Recovery from Brain Damage. Lecture Notes in Computer Science, 2003, , 1164-1171.	1.3	2

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73	An Operational Definition of â€˜Abnormal Cognitionâ€™ to Optimize the Prediction of Progression to Dementia: What Are Optimal Cut-Off Points for Univariate and Multivariate Normative Comparisons?. Journal of Alzheimer's Disease, 2020, 77, 1693-1703.	2.6	2
74	Assessing the degree of urbanisation using a single-item self-report measure: a validation study. International Journal of Environmental Health Research, 2023, 33, 508-517.	2.7	1
75	Addendum to: Murre (2021). The Godden and Baddeley (1975) experiment on context-dependent memory on land and underwater: a replication. Royal Society Open Science, 2022, 9, .	2.4	0