

Lars Nyberg

List of Publications by Year in descending order

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Version: 2024-02-01

369
papers

35,214
citations

5268

83
h-index

4645

170
g-index

438
all docs

438
docs citations

438
times ranked

28381
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging Cognition II: An Empirical Review of 275 PET and fMRI Studies. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 1-47.	2.3	3,281
2	Memory aging and brain maintenance. <i>Trends in Cognitive Sciences</i> , 2012, 16, 292-305.	7.8	916
3	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
4	Transfer of Learning After Updating Training Mediated by the Striatum. <i>Science</i> , 2008, 320, 1510-1512.	12.6	752
5	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	2.1	696
6	Age-Related Differences in Neural Activity during Memory Encoding and Retrieval: A Positron Emission Tomography Study. <i>Journal of Neuroscience</i> , 1997, 17, 391-400.	3.6	692
7	Maintenance, reserve and compensation: the cognitive neuroscience of healthy ageing. <i>Nature Reviews Neuroscience</i> , 2018, 19, 701-710.	10.2	691
8	Stability, Growth, and Decline in Adult Life Span Development of Declarative Memory: Cross-Sectional and Longitudinal Data From a Population-Based Study.. <i>Psychology and Aging</i> , 2005, 20, 3-18.	1.6	657
9	The correlative triad among aging, dopamine, and cognition: Current status and future prospects. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 791-807.	6.1	648
10	Task-independent and Task-specific Age Effects on Brain Activity during Working Memory, Visual Attention and Episodic Retrieval. <i>Cerebral Cortex</i> , 2004, 14, 364-375.	2.9	647
11	Imaging Cognition: An Empirical Review of PET Studies with Normal Subjects. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 1-26.	2.3	570
12	Intra-individual variability in behavior: links to brain structure, neurotransmission and neuronal activity. <i>Trends in Neurosciences</i> , 2006, 29, 474-480.	8.6	558
13	Prefrontal cortex and episodic memory retrieval mode. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 506-511.	7.1	505
14	Neurocognitive Architecture of Working Memory. <i>Neuron</i> , 2015, 88, 33-46.	8.1	494
15	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
16	The betula prospective cohort study: Memory, health, and aging. <i>Aging, Neuropsychology, and Cognition</i> , 1997, 4, 1-32.	1.3	466
17	PET studies of encoding and retrieval: The HERA model. <i>Psychonomic Bulletin and Review</i> , 1996, 3, 135-148.	2.8	458
18	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450

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19	Similarities and Differences in the Neural Correlates of Episodic Memory Retrieval and Working Memory. <i>NeuroImage</i> , 2002, 16, 317-330.	4.2	429
20	Structureâ€“Function Correlates of Cognitive Decline in Aging. <i>Cerebral Cortex</i> , 2006, 16, 907-915.	2.9	404
21	Common fronto-parietal activity in attention, memory, and consciousness: Shared demands on integration?. <i>Consciousness and Cognition</i> , 2005, 14, 390-425.	1.5	370
22	Reactivation of encoding-related brain activity during memory retrieval. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 11120-11124.	7.1	369
23	Hemispheric asymmetries of memory: the HERA model revisited. <i>Trends in Cognitive Sciences</i> , 2003, 7, 241-245.	7.8	360
24	Activation of medial temporal structures during episodic memory retrieval. <i>Nature</i> , 1996, 380, 715-717.	27.8	359
25	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	358
26	Plasticity of executive functioning in young and older adults: Immediate training gains, transfer, and long-term maintenance.. <i>Psychology and Aging</i> , 2008, 23, 720-730.	1.6	356
27	Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53â€“949). <i>Molecular Psychiatry</i> , 2015, 20, 183-192.	7.9	344
28	Age-related differences in white matter microstructure: Region-specific patterns of diffusivity. <i>NeuroImage</i> , 2010, 49, 2104-2112.	4.2	340
29	Linking cognitive aging to alterations in dopamine neurotransmitter functioning: Recent data and future avenues. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 670-677.	6.1	339
30	Neural bases of learning and memory: functional neuroimaging evidence. <i>Current Opinion in Neurology</i> , 2000, 13, 415-421.	3.6	316
31	Functional brain maps of retrieval mode and recovery of episodic information. <i>NeuroReport</i> , 1995, 7, 249-252.	1.2	297
32	General and specific brain regions involved in encoding and retrieval of events: what, where, and when.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 11280-11285.	7.1	296
33	Growth of language-related brain areas after foreign language learning. <i>NeuroImage</i> , 2012, 63, 240-244.	4.2	271
34	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
35	Longitudinal evidence for diminished frontal cortex function in aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22682-22686.	7.1	241
36	Neural correlates of training-related memory improvement in adulthood and aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13728-13733.	7.1	233

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37	Age-Related Differences in Neural Activity during Item and Temporal-Order Memory Retrieval: A Positron Emission Tomography Study. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 197-206.	2.3	226
38	Betula: A Prospective Cohort Study on Memory, Health and Aging. <i>Aging, Neuropsychology, and Cognition</i> , 2004, 11, 134-148.	1.3	225
39	Common prefrontal activations during working memory, episodic memory, and semantic memory. <i>Neuropsychologia</i> , 2003, 41, 371-377.	1.6	215
40	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
41	Selective adult age differences in an age-invariant multifactor model of declarative memory.. <i>Psychology and Aging</i> , 2003, 18, 149-160.	1.6	200
42	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
43	Effects of Working-Memory Training on Striatal Dopamine Release. <i>Science</i> , 2011, 333, 718-718.	12.6	191
44	Impaired cognitive performance in patients with chronic burnout syndrome. <i>Biological Psychology</i> , 2005, 69, 271-279.	2.2	188
45	Brain Regions Differentially Involved in Remembering What and When: a PET Study. <i>Neuron</i> , 1997, 19, 863-870.	8.1	186
46	Attention-related activity during episodic memory retrieval: a cross-function fMRI study. <i>Neuropsychologia</i> , 2003, 41, 390-399.	1.6	183
47	Reactivation of Motor Brain Areas during Explicit Memory for Actions. <i>NeuroImage</i> , 2001, 14, 521-528.	4.2	182
48	Performance level modulates adult age differences in brain activation during spatial working memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22552-22557.	7.1	182
49	Consciousness of subjective time in the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22356-22359.	7.1	181
50	Age-related differences in effective neural connectivity during encoding and recall. <i>NeuroReport</i> , 1997, 8, 3479-3483.	1.2	176
51	Aerobic Exercise Intervention, Cognitive Performance, and Brain Structure: Results from the Physical Influences on Brain in Aging (PHIBRA) Study. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 336.	3.4	167
52	Longitudinal association between hippocampus atrophy and episodic-memory decline. <i>Neurobiology of Aging</i> , 2017, 51, 167-176.	3.1	165
53	Elevated hippocampal resting-state connectivity underlies deficient neurocognitive function in aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17654-17659.	7.1	164
54	Neurodevelopmental origins of lifespan changes in brain and cognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9357-9362.	7.1	163

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55	Successful Memory Aging. <i>Annual Review of Psychology</i> , 2019, 70, 219-243.	17.7	162
56	Genetic and Lifestyle Predictors of 15-Year Longitudinal Change in Episodic Memory. <i>Journal of the American Geriatrics Society</i> , 2012, 60, 2308-2312.	2.6	151
57	Out-of-body-induced hippocampal amnesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4421-4426.	7.1	145
58	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
59	Network Analysis of Positron Emission Tomography Regional Cerebral Blood Flow Data: Ensemble Inhibition during Episodic Memory Retrieval. <i>Journal of Neuroscience</i> , 1996, 16, 3753-3759.	3.6	138
60	Large Scale Neurocognitive Networks Underlying Episodic Memory. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 163-173.	2.3	138
61	Longitudinal Structure-Function Correlates in Elderly Reveal MTL Dysfunction with Cognitive Decline. <i>Cerebral Cortex</i> , 2012, 22, 2297-2304.	2.9	138
62	Load Modulation of BOLD Response and Connectivity Predicts Working Memory Performance in Younger and Older Adults. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2030-2045.	2.3	137
63	Functional brain activity and presynaptic dopamine uptake in patients with Parkinson's disease and mild cognitive impairment: a cross-sectional study. <i>Lancet Neurology</i> , The, 2012, 11, 679-687.	10.2	137
64	Learning by doing versus learning by thinking: An fMRI study of motor and mental training. <i>Neuropsychologia</i> , 2006, 44, 711-717.	1.6	136
65	Dopamine D2 receptor availability is linked to hippocampal-caudate functional connectivity and episodic memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7918-7923.	7.1	135
66	Reduced functional brain activity response in cognitively intact apolipoprotein E ϵ 4 carriers. <i>Brain</i> , 2006, 129, 1240-1248.	7.6	133
67	Age-related white matter microstructural differences partly mediate age-related decline in processing speed but not cognition. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 408-415.	3.8	129
68	Cognitive and neural plasticity in aging: General and task-specific limitations. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 864-871.	6.1	120
69	Brain imaging of human memory systems: between-systems similarities and within-system differences. <i>Cognitive Brain Research</i> , 2002, 13, 281-292.	3.0	118
70	Differential functional connectivity of prefrontal and medial temporal cortices during episodic memory retrieval. , 1997, 5, 323-327.		112
71	The influence of apoe status on episodic and semantic memory: Data from a population-based study.. <i>Neuropsychology</i> , 2006, 20, 645-657.	1.3	112
72	Reduced hippocampal volume in non-demented carriers of the apolipoprotein E ϵ 4: Relation to chronological age and recognition memory. <i>Neuroscience Letters</i> , 2006, 396, 23-27.	2.1	112

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73	Any novelty in hippocampal formation and memory?. <i>Current Opinion in Neurology</i> , 2005, 18, 424-428.	3.6	107
74	Cognitive and Non-Cognitive Factors Contributing to the Longitudinal Identification of Successful Older Adults in the Betula Study. <i>Aging, Neuropsychology, and Cognition</i> , 2007, 14, 257-273.	1.3	106
75	Pleasant human touch is represented in pregenual anterior cingulate cortex. <i>NeuroImage</i> , 2012, 59, 3427-3432.	4.2	106
76	Brain Characteristics of Individuals Resisting Age-Related Cognitive Decline over Two Decades. <i>Journal of Neuroscience</i> , 2013, 33, 8668-8677.	3.6	105
77	Dopamine D1 receptors and age differences in brain activation during working memory. <i>Neurobiology of Aging</i> , 2011, 32, 1849-1856.	3.1	103
78	High Prevalence of White Matter Hyperintensities in Normal Aging: Relation to Blood Pressure and Cognition. <i>Cortex</i> , 2003, 39, 1093-1105.	2.4	98
79	Selective sex differences in declarative memory. <i>Memory and Cognition</i> , 2004, 32, 1160-1169.	1.6	98
80	Ageing-Related Increases in Behavioral Variability: Relations to Losses of Dopamine D1 Receptors. <i>Journal of Neuroscience</i> , 2012, 32, 8186-8191.	3.6	96
81	Extrastriatal dopamine D2 receptor binding modulates intraindividual variability in episodic recognition and executive functioning. <i>Neuropsychologia</i> , 2009, 47, 2299-2304.	1.6	94
82	Opposing Effects of Aging on Large-Scale Brain Systems for Memory Encoding and Cognitive Control. <i>Journal of Neuroscience</i> , 2012, 32, 10749-10757.	3.6	94
83	Longitudinal assessment of default-mode brain function in aging. <i>Neurobiology of Aging</i> , 2014, 35, 2107-2117.	3.1	94
84	Amphetamine modulates brain signal variability and working memory in younger and older adults. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 7593-7598.	7.1	94
85	Altered deactivation in individuals with genetic risk for Alzheimer's disease. <i>Neuropsychologia</i> , 2008, 46, 1679-1687.	1.6	92
86	Motor Representations and Practice Affect Brain Systems Underlying Imagery: An fMRI Study of Internal Imagery in Novices and Active High Jumpers. <i>Open Neuroimaging Journal</i> , 2008, 2, 5-13.	0.2	91
87	Neural correlates of variable working memory load across adult age and skill: Dissociative patterns within the fronto-parietal network. <i>Scandinavian Journal of Psychology</i> , 2009, 50, 41-46.	1.5	90
88	Physical activity over a decade modifies age-related decline in perfusion, gray matter volume, and functional connectivity of the posterior default-mode network – A multimodal approach. <i>NeuroImage</i> , 2016, 131, 133-141.	4.2	90
89	Functional brain imaging of episodic memory decline in ageing. <i>Journal of Internal Medicine</i> , 2017, 281, 65-74.	6.0	89
90	Classifying Human Long-term Memory: Evidence from Converging Dissociations. <i>European Journal of Cognitive Psychology</i> , 1996, 8, 163-184.	1.3	85

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91	Idiopathic normal pressure hydrocephalus: increased supplementary motor activity accounts for improvement after CSF drainage. <i>Brain</i> , 2008, 131, 2904-2912.	7.6	84
92	Local brain atrophy accounts for functional activity differences in normal aging. <i>Neurobiology of Aging</i> , 2012, 33, 623.e1-623.e13.	3.1	83
93	The retrosplenial cortex: A memory gateway between the cortical default mode network and the medial temporal lobe. <i>Human Brain Mapping</i> , 2018, 39, 2020-2034.	3.6	82
94	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020, 25, 3053-3065.	7.9	80
95	Activity in motor areas while remembering action events. <i>NeuroReport</i> , 2000, 11, 2199-2201.	1.2	78
96	Biological and environmental predictors of heterogeneity in neurocognitive ageing. <i>Ageing Research Reviews</i> , 2020, 64, 101184.	10.9	78
97	Dopamine and training-related working-memory improvement. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2209-2219.	6.1	76
98	Sustained and Transient Neural Modulations in Prefrontal Cortex Related to Declarative Long-Term Memory, Working Memory, and Attention. <i>Cortex</i> , 2007, 43, 22-37.	2.4	75
99	Motor imagery: if you can't do it, you won't think it. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010, 20, 711-715.	2.9	74
100	Age-related differences in brain regions supporting successful encoding of emotional faces. <i>Cortex</i> , 2010, 46, 490-497.	2.4	74
101	Positron emission tomography correlations in and beyond medial temporal lobes. <i>Hippocampus</i> , 1999, 9, 71-82.	1.9	73
102	Long-Term Test-Retest Reliability of Striatal and Extrastriatal Dopamine D _{2/3} Receptor Binding: Study with [¹¹ C]Raclopride and High-Resolution PET. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1199-1205.	4.3	72
103	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
104	KIBRA Polymorphism Is Related to Enhanced Memory and Elevated Hippocampal Processing. <i>Journal of Neuroscience</i> , 2011, 31, 14218-14222.	3.6	71
105	Individual variations in "brain age" relate to early-life factors more than to longitudinal brain change. <i>ELife</i> , 2021, 10, .	6.0	71
106	Age-related and Genetic Modulation of Frontal Cortex Efficiency. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 746-754.	2.3	70
107	NMR analysis of the human saliva metabolome distinguishes dementia patients from matched controls. <i>Molecular BioSystems</i> , 2016, 12, 2562-2571.	2.9	70
108	Maintained memory in aging is associated with young epigenetic age. <i>Neurobiology of Aging</i> , 2017, 55, 167-171.	3.1	70

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109	Mapping episodic memory. <i>Behavioural Brain Research</i> , 1998, 90, 107-114.	2.2	68
110	Neural representation of binding lexical signs and words in the episodic buffer of working memory. <i>Neuropsychologia</i> , 2007, 45, 2258-2276.	1.6	68
111	Internal imagery training in active high jumpers. <i>Scandinavian Journal of Psychology</i> , 2008, 49, 133-140.	1.5	68
112	Strengthening concept learning by repeated testing. <i>Scandinavian Journal of Psychology</i> , 2014, 55, 10-16.	1.5	68
113	COBRA: A prospective multimodal imaging study of dopamine, brain structure and function, and cognition. <i>Brain Research</i> , 2015, 1612, 83-103.	2.2	67
114	Asymmetric thinning of the cerebral cortex across the adult lifespan is accelerated in Alzheimer's disease. <i>Nature Communications</i> , 2021, 12, 721.	12.8	67
115	Training of the executive component of working memory: Subcortical areas mediate transfer effects. <i>Restorative Neurology and Neuroscience</i> , 2009, 27, 405-419.	0.7	65
116	Altered brain activity in healthy seniors: what does it mean?. <i>Progress in Brain Research</i> , 2006, 157, 45-385.	1.4	64
117	Longitudinal Evidence for Dissociation of Anterior and Posterior MTL Resting-State Connectivity in Aging: Links to Perfusion and Memory. <i>Cerebral Cortex</i> , 2016, 26, 3953-3963.	2.9	64
118	Working memory training mostly engages general-purpose large-scale networks for learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 93, 108-122.	6.1	62
119	Temporal dynamics of basal ganglia under-recruitment in Parkinson's disease: transient caudate abnormalities during updating of working memory. <i>Brain</i> , 2008, 132, 336-346.	7.6	61
120	Distinct control networks for cognition and emotion in the prefrontal cortex. <i>Neuroscience Letters</i> , 2009, 467, 76-80.	2.1	61
121	Simulating Neurocognitive Aging: Effects of a Dopaminergic Antagonist on Brain Activity During Working Memory. <i>Biological Psychiatry</i> , 2010, 67, 575-580.	1.3	61
122	Short telomere length is associated with impaired cognitive performance in European ancestry cohorts. <i>Translational Psychiatry</i> , 2017, 7, e1100-e1100.	4.8	61
123	Challenging the notion of an early-onset of cognitive decline. <i>Neurobiology of Aging</i> , 2009, 30, 521-524.	3.1	60
124	Cognitive deficits in relation to personality type and hypothalamic-pituitary-adrenal (HPA) axis dysfunction in women with stress-related exhaustion. <i>Scandinavian Journal of Psychology</i> , 2011, 52, 71-82.	1.5	60
125	Neurocognitive mechanisms of the "œtesting effect": A review. <i>Trends in Neuroscience and Education</i> , 2016, 5, 52-66.	3.1	60
126	How a Lateralized Brain Supports Symmetrical Bimanual Tasks. <i>PLoS Biology</i> , 2006, 4, e158.	5.6	60

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127	Increased risk of dementia following mild head injury for carriers but not for non-carriers of the APOE ϵ 4 allele. <i>International Psychogeriatrics</i> , 2007, 19, 159.	1.0	57
128	Odor Identification Deficit as a Predictor of Five-Year Global Cognitive Change: Interactive Effects with Age and ApoE- ϵ 4. <i>Behavior Genetics</i> , 2009, 39, 496-503.	2.1	57
129	Establishment of reference values for plasma neurofilament light based on healthy individuals aged 5â€“90 years. <i>Brain Communications</i> , 2022, 4, .	3.3	57
130	Free Recall Episodic Memory Performance Predicts Dementia Ten Years prior to Clinical Diagnosis: Findings from the Betula Longitudinal Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2015, 5, 191-202.	1.3	56
131	Lesser Neural Pattern Similarity across Repeated Tests Is Associated with Better Long-Term Memory Retention. <i>Journal of Neuroscience</i> , 2015, 35, 9595-9602.	3.6	56
132	White matter integrity as a marker for cognitive plasticity in aging. <i>Neurobiology of Aging</i> , 2016, 47, 74-82.	3.1	56
133	Cigarette smoking and cognitive performance in healthy Swedish adults. <i>Age and Ageing</i> , 2003, 32, 548-550.	1.6	55
134	Increased Response-time Variability is Associated with Reduced Inferior Parietal Activation during Episodic Recognition in Aging. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 779-786.	2.3	55
135	Ebbinghaus Revisited: Influences of the BDNF Val<i>66</i>Met Polymorphism on Backward Serial Recall Are Modulated by Human Aging. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2164-2173.	2.3	55
136	Dopamine D1 Receptor Associations within and between Dopaminergic Pathways in Younger and Elderly Adults: Links to Cognitive Performance. <i>Cerebral Cortex</i> , 2011, 21, 2023-2032.	2.9	55
137	Working Memory: Maintenance, Updating, and the Realization of Intentions. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a021816.	5.5	55
138	The claustrum/insula region integrates conceptually related sounds and pictures. <i>Neuroscience Letters</i> , 2007, 422, 77-80.	2.1	54
139	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020, 77, 420.	11.0	54
140	The Extent of Stability and Change in Episodic and Semantic Memory in Old Age: Demographic Predictors of Level and Change. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2004, 59, P130-P134.	3.9	53
141	Neural Correlates of Availability and Accessibility in Memory. <i>Cerebral Cortex</i> , 2008, 18, 1720-1726.	2.9	53
142	Learning by doing and learning by thinking: An fMRI study of combining motor and mental training. <i>Frontiers in Human Neuroscience</i> , 2008, 2, 5.	2.0	53
143	Age-Related Differences in Dynamic Interactions Among Default Mode, Frontoparietal Control, and Dorsal Attention Networks during Resting-State and Interference Resolution. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 152.	3.4	53
144	Healthy minds 0â€“100 years: Optimising the use of European brain imaging cohorts (â€œLifebrainâ€œ). <i>European Psychiatry</i> , 2018, 50, 47-56.	0.2	53

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145	Herpes Simplex Virus, APOE ϵ 4, and Cognitive Decline in Old Age: Results from the Betula Cohort Study. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 211-220.	2.6	53
146	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. <i>Sleep</i> , 2020, 43, .	1.1	53
147	Influence of COMT Gene Polymorphism on fMRI-assessed Sustained and Transient Activity during a Working Memory Task. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1614-1622.	2.3	52
148	The effect of retrieval enactment on recall of subject-performed tasks and verbal tasks. <i>Memory and Cognition</i> , 1994, 22, 723-728.	1.6	50
149	Neurocognitive Systems Related to Real-World Prospective Memory. <i>PLoS ONE</i> , 2010, 5, e13304.	2.5	50
150	Preserved hippocampus activation in normal aging as revealed by fMRI. <i>Hippocampus</i> , 2011, 21, 753-766.	1.9	50
151	The Mobility Interaction Fall chart. <i>Physiotherapy Research International</i> , 2000, 5, 190-201.	1.5	49
152	A genetic association study of CSMD1 and CSMD2 with cognitive function. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 209-216.	4.1	49
153	Does Aerobic Exercise Influence Intrinsic Brain Activity? An Aerobic Exercise Intervention among Healthy Old Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 267.	3.4	49
154	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	7.9	49
155	Educational attainment does not influence brain aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	49
156	Brain activation during episodic memory retrieval: Sex differences. <i>Acta Psychologica</i> , 2000, 105, 181-194.	1.5	48
157	Functional Changes in Brain Activity During Priming in Alzheimer's Disease. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 134-141.	2.3	47
158	Fatigue before and after mild traumatic brain injury: Pre- vs post-injury comparisons in relation to <i>Apolipoprotein E</i> . <i>Brain Injury</i> , 2007, 21, 1049-1054.	1.2	47
159	Diet-Induced Weight Loss Alters Functional Brain Responses during an Episodic Memory Task. <i>Obesity Facts</i> , 2015, 8, 261-272.	3.4	46
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