

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	Memory profiles predict dementia over 23â€“28 years in normal but not successful aging. <i>International Psychogeriatrics</i> , 2023, 35, 351-359.	1.0	13
2	Hippocampal and motor regions contribute to memory benefits after enacted encoding: cross-sectional and longitudinal evidence. <i>Cerebral Cortex</i> , 2023, 33, 3080-3097.	2.9	1
3	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â‰‰years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	3.6	143
4	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â‰‰years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	3.6	72
5	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. <i>Human Brain Mapping</i> , 2022, 43, 300-328.	3.6	30
6	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. <i>Cerebral Cortex</i> , 2022, 32, 839-854.	2.9	25
7	Out-of-body memory encoding causes third-person perspective at recall. <i>Journal of Cognitive Psychology</i> , 2022, 34, 160-178.	0.9	13
8	Model of brain maintenance reveals specific change-change association between medial-temporal lobe integrity and episodic memory. <i>Aging Brain</i> , 2022, 2, 100027.	1.3	8
9	Association of APOE É4 and Plasma p-tau181 with Preclinical Alzheimerâ€™s Disease and Longitudinal Change in Hippocampus Function. <i>Journal of Alzheimer's Disease</i> , 2022, 85, 1309-1320.	2.6	11
10	A strong dependency between changes in fluid and crystallized abilities in human cognitive aging. <i>Science Advances</i> , 2022, 8, eabj2422.	10.3	27
11	No Association Between Loneliness, Episodic Memory and Hippocampal Volume Change in Young and Healthy Older Adults: A Longitudinal European Multicenter Study. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 795764.	3.4	5
12	Polygenic Risk for Schizophrenia Has Sex-Specific Effects on Brain Activity during Memory Processing in Healthy Individuals. <i>Genes</i> , 2022, 13, 412.	2.4	2
13	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
14	Genetic control of variability in subcortical and intracranial volumes. <i>Molecular Psychiatry</i> , 2021, 26, 3876-3883.	7.9	6
15	Retrieval practice facilitates learning by strengthening processing in both the anterior and posterior hippocampus. <i>Brain and Behavior</i> , 2021, 11, e01909.	2.2	13
16	Neural correlates of reward processing: Functional dissociation of two components within the ventral striatum. <i>Brain and Behavior</i> , 2021, 11, e01987.	2.2	10
17	Ancient Mnemonic in New Formatâ€™ Episodic Memory Training With the Method of Loci in a Smart Phone Application. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, 76, 681-691.	3.9	7
18	Role of dopamine and gray matter density in aging effects and individual differences of functional connectomes. <i>Brain Structure and Function</i> , 2021, 226, 743-758.	2.3	9

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19	Antiviral treatment associated with reduced risk of clinical Alzheimer's disease—A nested case—control study. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021, 7, e12187.	3.7	13
20	Cerebral arterial pulsatility is linked to hippocampal microvascular function and episodic memory in healthy older adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1778-1790.	4.3	26
21	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
22	Working memory training in late adulthood. , 2021, , 319-336.		0
23	Multimodal Image Analysis of Apparent Brain Age Identifies Physical Fitness as Predictor of Brain Maintenance. <i>Cerebral Cortex</i> , 2021, 31, 3393-3407.	2.9	25
24	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	4.8	24
25	Distinct and Common Large-Scale Networks of the Hippocampal Long Axis in Older Age: Links to Episodic Memory and Dopamine D2 Receptor Availability. <i>Cerebral Cortex</i> , 2021, 31, 3435-3450.	2.9	7
26	Acute hyperglycaemia leads to altered frontal lobe brain activity and reduced working memory in type 2 diabetes. <i>PLoS ONE</i> , 2021, 16, e0247753.	2.5	16
27	Self-reported sleep relates to microstructural hippocampal decline in Aβ-amyloid positive Adults beyond genetic risk. <i>Sleep</i> , 2021, 44, .	1.1	5
28	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
29	The genetic organization of longitudinal subcortical volumetric change is stable throughout the lifespan. <i>ELife</i> , 2021, 10, .	6.0	7
30	A learning method for all: The testing effect is independent of cognitive ability.. <i>Journal of Educational Psychology</i> , 2021, 113, 972-985.	2.9	24
31	Sex differences in dopamine integrity and brain structure among healthy older adults: Relationships to episodic memory. <i>Neurobiology of Aging</i> , 2021, 105, 272-279.	3.1	4
32	Reduced Hippocampal-Striatal Interactions during Formation of Durable Episodic Memories in Aging. <i>Cerebral Cortex</i> , 2021, , .	2.9	5
33	When functional blurring becomes deleterious: Reduced system segregation is associated with less white matter integrity and cognitive decline in aging. <i>NeuroImage</i> , 2021, 242, 118449.	4.2	25
34	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Decline—Results From the Lifebrain Consortium. <i>Cerebral Cortex</i> , 2021, 31, 1953-1969.	2.9	25
35	Sex-specific effects of polygenic risk for schizophrenia on lifespan cognitive functioning in healthy individuals. <i>Translational Psychiatry</i> , 2021, 11, 520.	4.8	11
36	Fronto-striatal dopamine D2 receptor availability is associated with cognitive variability in older individuals with low dopamine integrity. <i>Scientific Reports</i> , 2021, 11, 21089.	3.3	1

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37	Active math and grammar learning engages overlapping brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	5
38	A common polymorphism in the dopamine transporter gene predicts working memory performance and in vivo dopamine integrity in aging. Neurolmage, 2021, 245, 118707.	4.2	5
39	Individual variations in "brain age" relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	6.0	71
40	Dissecting Motor and Cognitive Component Processes of a Finger-Tapping Task With Hybrid Dopamine Positron Emission Tomography and Functional Magnetic Resonance Imaging. Frontiers in Human Neuroscience, 2021, 15, 733091.	2.0	4
41	Retrieval Practice Is Effective Regardless of Self-Reported Need for Cognition - Behavioral and Brain Imaging Evidence. Frontiers in Psychology, 2021, 12, 797395.	2.1	1
42	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. Molecular Psychiatry, 2020, 25, 3053-3065.	7.9	80
43	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. Molecular Psychiatry, 2020, 25, 584-602.	7.9	49
44	High long-term test-retest reliability for extrastriatal ¹¹ C-raclopride binding in healthy older adults. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 1859-1868.	4.3	15
45	Balance between Transmitter Availability and Dopamine D2 Receptors in Prefrontal Cortex Influences Memory Functioning. Cerebral Cortex, 2020, 30, 989-1000.	2.9	26
46	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. JAMA Psychiatry, 2020, 77, 420.	11.0	54
47	Are People Ready for Personalized Brain Health? Perspectives of Research Participants in the Lifebrain Consortium. Gerontologist, The, 2020, 60, 1050-1059.	3.9	11
48	Longitudinal evidence that reduced hemispheric encoding/retrieval asymmetry predicts episodic-memory impairment in aging. Neuropsychologia, 2020, 137, 107329.	1.6	12
49	Neurocognitive processes underlying heuristic and normative probability judgments. Cognition, 2020, 196, 104153.	2.2	8
50	Characterizing pulsatility in distal cerebral arteries using 4D flow MRI. Journal of Cerebral Blood Flow and Metabolism, 2020, 40, 2429-2440.	4.3	20
51	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. Sleep, 2020, 43, .	1.1	53
52	Increased functional homotopy of the prefrontal cortex is associated with corpus callosum degeneration and working memory decline. Neurobiology of Aging, 2020, 96, 68-78.	3.1	12
53	Longitudinal association between hippocampus atrophy and episodic memory decline in non-demented <i>APOE</i> μ 4 carriers. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12110.	2.4	11
54	Biological and environmental predictors of heterogeneity in neurocognitive ageing. Ageing Research Reviews, 2020, 64, 101184.	10.9	78

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55	The genetic architecture of human brainstem structures and their involvement in common brain disorders. <i>Nature Communications</i> , 2020, 11, 4016.	12.8	26
56	Wide temporal horns are associated with cognitive dysfunction, as well as impaired gait and incontinence. <i>Scientific Reports</i> , 2020, 10, 18203.	3.3	11
57	Elevated plasma neurofilament light in aging reflects brain white matter alterations but does not predict cognitive decline or Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12050.	2.4	20
58	A Hierarchical Bayesian Mixture Model Approach for Analysis of Resting-State Functional Brain Connectivity: An Alternative to Thresholding. <i>Brain Connectivity</i> , 2020, 10, 202-211.	1.7	4
59	Corticostriatal White Matter Integrity and Dopamine D1 Receptor Availability Predict Age Differences in Prefrontal Value Signaling during Reward Learning. <i>Cerebral Cortex</i> , 2020, 30, 5270-5280.	2.9	4
60	Forecasting memory function in aging: pattern-completion ability and hippocampal activity relate to visuospatial functioning over 25 years. <i>Neurobiology of Aging</i> , 2020, 94, 217-226.	3.1	4
61	Cognitive Aging: The Role of Neurotransmitter Systems. , 2020, , 82-100.		2
62	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
63	Smell-Based Memory Training: Evidence of Olfactory Learning and Transfer to the Visual Domain. <i>Chemical Senses</i> , 2020, 45, 593-600.	2.0	19
64	White matter hyperintensities increases with traumatic brain injury severity: associations to neuropsychological performance and fatigue. <i>Brain Injury</i> , 2020, 34, 415-420.	1.2	12
65	White matter microstructure predicts foreign language learning in army interpreters. <i>Bilingualism</i> , 2020, 23, 763-771.	1.3	4
66	The many facets of brain aging. <i>ELife</i> , 2020, 9, .	6.0	4
67	Successful Memory Aging. <i>Annual Review of Psychology</i> , 2019, 70, 219-243.	17.7	162
68	At the Heart of Cognitive Functioning in Aging. <i>Trends in Cognitive Sciences</i> , 2019, 23, 717-720.	7.8	37
69	Higher striatal D2-receptor availability in aerobically fit older adults but non-selective intervention effects after aerobic versus resistance training. <i>NeuroImage</i> , 2019, 202, 116044.	4.2	15
70	The Influence of Hippocampal Dopamine D2 Receptors on Episodic Memory Is Modulated by BDNF and KIBRA Polymorphisms. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1422-1429.	2.3	3
71	Cardiovascular factors are related to dopamine integrity and cognition in aging. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2291-2303.	3.7	19
72	Frontal Contribution to Hippocampal Hyperactivity During Memory Encoding in Aging. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 229.	2.9	29

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73	Mapping the landscape of human dopamine D2/3 receptors with [11C]raclopride. <i>Brain Structure and Function</i> , 2019, 224, 2871-2882.	2.3	30
74	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
75	Serum Metabolite Markers of Dementia Through Quantitative NMR Analysis: The Importance of Threonine-Linked Metabolic Pathways. <i>Journal of Alzheimer's Disease</i> , 2019, 69, 763-774.	2.6	4
76	PharmacofMRI in Patients With Traumatic Brain Injury: A Randomized Controlled Trial With the Monoaminergic Stabilizer (â€“)OSU6162. <i>Journal of Head Trauma Rehabilitation</i> , 2019, 34, 189-198.	1.7	2
77	Reply to â€“Mechanisms underlying resilience in ageingâ€™. <i>Nature Reviews Neuroscience</i> , 2019, 20, 247-247.	10.2	12
78	Building Memory Representations for Exemplar-Based Judgment: A Role for Ventral Precuneus. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 228.	2.0	8
79	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
80	Dorsal striatal dopamine D1 receptor availability predicts an instrumental bias in action learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 261-270.	7.1	36
81	Dopamine D _{2/3} Binding Potential Modulates Neural Signatures of Working Memory in a Load-Dependent Fashion. <i>Journal of Neuroscience</i> , 2019, 39, 537-547.	3.6	37
82	<i>C957T</i> -mediated Variation in Ligand Affinity Affects the Association between ¹¹ C-raclopride Binding Potential and Cognition. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 314-325.	2.3	13
83	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
84	Longitudinal relationships among depressive symptoms, cortisol, and brain atrophy in the neocortex and the hippocampus. <i>Acta Psychiatrica Scandinavica</i> , 2018, 137, 491-502.	4.5	37
85	Cognitive control in the prefrontal cortex: A central or distributed executive?. <i>Scandinavian Journal of Psychology</i> , 2018, 59, 62-65.	1.5	17
86	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
87	Cognitive medicine â€“ a new approach in health care science. <i>BMC Psychiatry</i> , 2018, 18, 42.	2.6	15
88	F5. Brain Disorders are Associated With Increased Brain Age. <i>Biological Psychiatry</i> , 2018, 83, S238-S239.	1.3	0
89	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
90	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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91	Longitudinal Evidence for Increased Functional Response in Frontal Cortex for Older Adults with Hippocampal Atrophy and Memory Decline. <i>Cerebral Cortex</i> , 2018, 28, 936-948.	2.9	44
92	Latent-Profile Analysis Reveals Behavioral and Brain Correlates of Dopamine-Cognition Associations. <i>Cerebral Cortex</i> , 2018, 28, 3894-3907.	2.9	34
93	Using Functional Magnetic Resonance Imaging to Detect Chronic Fatigue in Patients With Previous Traumatic Brain Injury: Changes Linked to Altered Striato-Thalamic-Cortical Functioning. <i>Journal of Head Trauma Rehabilitation</i> , 2018, 33, 266-274.	1.7	30
94	Healthy minds 0â€“100 years: Optimising the use of European brain imaging cohorts (â€œLifebrainâ€œ). <i>European Psychiatry</i> , 2018, 47, 76-77.	0.2	14
95	A Similarity-Based Process for Human Judgment in the Parietal Cortex. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 481.	2.0	10
96	Maintenance, reserve and compensation: the cognitive neuroscience of healthy ageing. <i>Nature Reviews Neuroscience</i> , 2018, 19, 701-710.	10.2	691
97	F50. Genetic Architecture of Hippocampal Subfield Volumes: Shared and Specific Influences. <i>Biological Psychiatry</i> , 2018, 83, S257.	1.3	0
98	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	12.8	484
99	Neurocognitive Profiles of Older Adults with Working-Memory Dysfunction. <i>Cerebral Cortex</i> , 2018, 28, 2525-2539.	2.9	25
100	Self-rated intensity of habitual physical activities is positively associated with dopamine D2/3 receptor availability and cognition. <i>NeuroImage</i> , 2018, 181, 605-616.	4.2	29
101	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	250
102	Short-term olfactory sensitization involves brain networks relevant for pain, and indicates chemical intolerance. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 503-509.	4.3	13
103	Maintained memory in aging is associated with young epigenetic age. <i>Neurobiology of Aging</i> , 2017, 55, 167-171.	3.1	70
104	Short telomere length is associated with impaired cognitive performance in European ancestry cohorts. <i>Translational Psychiatry</i> , 2017, 7, e1100-e1100.	4.8	61
105	A genetic association study of CSMD1 and CSMD2 with cognitive function. <i>Brain, Behavior, and Immunity</i> , 2017, 61, 209-216.	4.1	49
106	Decreased prefrontal functional brain response during memory testing in women with Cushingâ€™s syndrome in remission. <i>Psychoneuroendocrinology</i> , 2017, 82, 117-125.	2.7	19
107	Longitudinal association between hippocampus atrophy and episodic-memory decline. <i>Neurobiology of Aging</i> , 2017, 51, 167-176.	3.1	165
108	Increased dopamine release after working-memory updating training: Neurochemical correlates of transfer. <i>Scientific Reports</i> , 2017, 7, 7160.	3.3	20

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109	Functional brain imaging of episodic memory decline in ageing. <i>Journal of Internal Medicine</i> , 2017, 281, 65-74.	6.0	89
110	Neural activations associated with feedback and retrieval success. <i>Npj Science of Learning</i> , 2017, 2, 12.	2.8	9
111	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
112	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
113	A Paleolithic Diet with and without Combined Aerobic and Resistance Exercise Increases Functional Brain Responses and Hippocampal Volume in Subjects with Type 2 Diabetes. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 391.	3.4	25
114	Structural Basis of Episodic Memory. <i>Journal of Neuroscience</i> , 2017, 37, 113-124.		2
115	Neuroimaging in aging: brain maintenance. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 1215.	1.6	14
116	Longitudinal Changes in Component Processes of Working Memory. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 2017.	1.9	18
117	Attenuation of dopamine-modulated prefrontal value signals underlies probabilistic reward learning deficits in old age. <i>ELife</i> , 2017, 6, .	6.0	37
118	White matter integrity as a marker for cognitive plasticity in aging. <i>Neurobiology of Aging</i> , 2016, 47, 74-82.	3.1	56
119	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	213
120	Causal Inference with Longitudinal Outcomes and Non-Ignorable Dropout: Estimating the Effect of Living Alone on Cognitive Decline. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2016, 65, 131-144.	1.0	12
121	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
122	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
123	Longitudinal Evidence for Smaller Hippocampus Volume as a Vulnerability Factor for Perceived Stress. <i>Cerebral Cortex</i> , 2016, 26, 3527-3533.	2.9	24
124	NMR analysis of the human saliva metabolome distinguishes dementia patients from matched controls. <i>Molecular BioSystems</i> , 2016, 12, 2562-2571.	2.9	70
125	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
126	Genetics of structural connectivity and information processing in the brain. <i>Brain Structure and Function</i> , 2016, 221, 4643-4661.	2.3	17

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127	Neurocognitive mechanisms of the "testing effect": A review. <i>Trends in Neuroscience and Education</i> , 2016, 5, 52-66.	3.1	60
128	Higher diurnal salivary cortisol levels are related to smaller prefrontal cortex surface area in elderly men and women. <i>European Journal of Endocrinology</i> , 2016, 175, 117-126.	3.7	37
129	Long-term episodic memory decline is associated with olfactory deficits only in carriers of ApoE- ϵ 4. <i>Neuropsychologia</i> , 2016, 85, 1-9.	1.6	46
130	Working Memory: Maintenance, Updating, and the Realization of Intentions. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a021816.	5.5	55
131	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
132	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
133	Fractional anisotropy in the substantia nigra in Parkinson's disease: a complex picture. <i>European Journal of Neurology</i> , 2015, 22, 1408-1414.	3.3	44
134	Preserved somatosensory conduction in a patient with complete cervical spinal cord injury. <i>Journal of Rehabilitation Medicine</i> , 2015, 47, 426-431.	1.1	19
135	Learning mathematics without a suggested solution method: Durable effects on performance and brain activity. <i>Trends in Neuroscience and Education</i> , 2015, 4, 6-14.	3.1	19
136	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
137	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
138	Common variants in the ARC gene are not associated with cognitive abilities. <i>Brain and Behavior</i> , 2015, 5, e00376.	2.2	7
139	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
140	Diet-Induced Weight Loss Alters Functional Brain Responses during an Episodic Memory Task. <i>Obesity Facts</i> , 2015, 8, 261-272.	3.4	46
141	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	27.8	772
142	Genetic contributions to variation in general cognitive function: a meta-analysis of genome-wide association studies in the CHARGE consortium (N=53,949). <i>Molecular Psychiatry</i> , 2015, 20, 183-192.	7.9	344
143	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
144	Mechanisms Underlying Encoding of Short-Lived Versus Durable Episodic Memories. <i>Journal of Neuroscience</i> , 2015, 35, 5202-5212.	3.6	42

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145	Dopamine D1 Binding Potential Predicts Fusiform BOLD Activity during Face-Recognition Performance. <i>Journal of Neuroscience</i> , 2015, 35, 14702-14707.	3.6	25
146	Neurocognitive Architecture of Working Memory. <i>Neuron</i> , 2015, 88, 33-46.	8.1	494
147	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
148	Î ² -Amyloid binding in elderly subjects with declining or stable episodic memory function measured with PET and [¹¹ C]AZD2184. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1507-1511.	6.4	4
149	Longitudinal changes in task-evoked brain responses in Parkinson's disease patients with and without mild cognitive impairment. <i>Frontiers in Neuroscience</i> , 2014, 8, 207.	2.8	15
150	Executive process training in young and old adults. <i>Aging, Neuropsychology, and Cognition</i> , 2014, 21, 577-605.	1.3	43
151	Brain responses to olfactory and trigeminal exposure in idiopathic environmental illness (IEI) attributed to smells - An fMRI study. <i>Journal of Psychosomatic Research</i> , 2014, 77, 401-408.	2.6	27
152	Age-related and Genetic Modulation of Frontal Cortex Efficiency. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 746-754.	2.3	70
153	Serum Metabolomic Biomarkers of Dementia. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 252-262.	1.3	43
154	The APOE ε4 allele in relation to brain white matter microstructure in adulthood and aging. <i>Scandinavian Journal of Psychology</i> , 2014, 55, 263-267.	1.5	28
155	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
156	Dental Status Is Unrelated to Risk of Dementia: A 20-Year Prospective Study. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 979-981.	2.6	15
157	Strengthening concept learning by repeated testing. <i>Scandinavian Journal of Psychology</i> , 2014, 55, 10-16.	1.5	68
158	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
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