Aging Gracefully: Compensatory Brain Activity in High-

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Citation Report

#	Article	IF	CITATIONS
1	Integrative neurocomputational perspectives on cognitive aging, neuromodulation, and representation. Neuroscience and Biobehavioral Reviews, 2002, 26, 795-808.	2.9	199
2	Hemispheric asymmetry and aging: right hemisphere decline or asymmetry reduction. Neuroscience and Biobehavioral Reviews, 2002, 26, 819-825.	2.9	372
4	Age and Features of Movement Influence Motor Overflow. Journal of the American Geriatrics Society, 2003, 51, 1735-1739.	1.3	62
5	Cognitive reserve modulates functional brain responses during memory tasks: a PET study in healthy young and elderly subjects. NeuroImage, 2003, 19, 1215-1227.	2.1	138
7	Relation of cognitive reserve and task performance to expression of regional covariance networks in an event-related fMRI study of nonverbal memoryâ~†. NeuroImage, 2003, 20, 1723-1733.	2.1	70
8	Cognition and Aging: A Highly Selective Overview of Event-Related Potential (ERP) Data. Journal of Clinical and Experimental Neuropsychology, 2003, 25, 702-720.	0.8	105
9	Cognitive Plasticity and Aging. Psychology of Learning and Motivation - Advances in Research and Theory, 2003, 43, 267-302.	0.5	24
11	Functional–Anatomic Correlates of Control Processes in Memory. Journal of Neuroscience, 2003, 23, 3999-4004.	1.7	169
12	An Age-Related Deficit in Prefrontal Cortical Function Associated With Refreshing Information. Psychological Science, 2004, 15, 127-132.	1.8	105
13	Brain activation patterns associated with working memory in relapsing-remitting MS. Neurology, 2004, 62, 234-238.	1.5	112
14	Age-Related Functional Changes of Prefrontal Cortex in Long-Term Memory: A Repetitive Transcranial Magnetic Stimulation Study. Journal of Neuroscience, 2004, 24, 7939-7944.	1.7	171
15	Age-related Changes in Neural Activity during Visual Target Detection Measured by fMRI. Cerebral Cortex, 2004, 14, 143-155.	1.6	85
16	Environmental Influences on Cognitive and Brain Plasticity During Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2004, 59, M940-M957.	1.7	391
17	Multiple cognitive deficits during the transition to Alzheimer's disease. Journal of Internal Medicine, 2004, 256, 195-204.	2.7	241
18	Neurogenesis in a rat model of age-related cognitive decline. Aging Cell, 2004, 3, 227-234.	3.0	160
19	Insights into the ageing mind: a view from cognitive neuroscience. Nature Reviews Neuroscience, 2004, 5, 87-96.	4.9	1,778
20	A ghost of retrieval past: a functional network of alpha EEG related to source memory in elderly humans. Cognitive Brain Research, 2004, 20, 144-155.	3.3	8
21	Age differences in veridical and false recall are not inevitable: The role of frontal lobe function. Psychonomic Bulletin and Review, 2004, 11, 921-925.	1.4	99

#	Article	IF	CITATIONS
22	Aging and working memory: early deficits in EEG activation of posterior cortical areas. Journal of Neural Transmission, 2004, 111, 1141-54.	1.4	44
23	Cerebral reserve capacity: implications for alcohol and drug abuse. Alcohol, 2004, 32, 63-67.	0.8	33
24	Sensorimotor slowing with ageing is mediated by a functional dysregulation of motor-generation processes: evidence from high-resolution event-related potentials. Brain, 2004, 127, 351-362.	3.7	217
25	Memory reactivation and consolidation during sleep. Learning and Memory, 2004, 11, 664-670.	0.5	90
26	Task-independent and Task-specific Age Effects on Brain Activity during Working Memory, Visual Attention and Episodic Retrieval. Cerebral Cortex, 2004, 14, 364-375.	1.6	647
27	Memory and Executive Function in Aging and AD. Neuron, 2004, 44, 195-208.	3.8	1,322
28	Age differences in neural correlates of route encoding and route recognition. NeuroImage, 2004, 22, 1503-1514.	2.1	80
29	Selection requirements during verb generation: differential recruitment in older and younger adults. NeuroImage, 2004, 23, 1382-1390.	2.1	129
30	Functional Imaging in Healthy Aging and Alzheimer's Disease. , 2004, 34, 62-95.		0
31	Aging and Individual Variation in Interhemispheric Collaboration and Hemispheric Asymmetry. Aging, Neuropsychology, and Cognition, 2005, 12, 316-339.	0.7	22
32	Age-dependent changes in distribution of P3a/P3b amplitude and thickness of the cerebral cortex. NeuroReport, 2005, 16, 1451-1454.	0.6	12
33	The Implications of Cortical Recruitment and Brain Morphology for Individual Differences in Inhibitory Function in Aging Humans Psychology and Aging, 2005, 20, 363-375.	1.4	208
34	The Relation Between Brain Activity During Memory Tasks and Years of Education in Young and Older Adults Neuropsychology, 2005, 19, 181-192.	1.0	127
35	Structural brain variation, age, and response time. Cognitive, Affective and Behavioral Neuroscience, 2005, 5, 246-251.	1.0	20
36	The influence of normal human ageing on automatic movements. Journal of Physiology, 2005, 562, 605-615.	1.3	192
37	Age-related changes in sleep and memory: commonalities and interrelationships. Experimental Gerontology, 2005, 40, 279-285.	1.2	69
38	Practice makes two hemispheres almost perfect. Cognitive Brain Research, 2005, 24, 413-422.	3.3	9
39	Age-related reorganization of encoding networks directly influences subsequent recognition memory. Cognitive Brain Research, 2005, 25, 8-18.	3.3	11

ARTICLE IF CITATIONS # Brain aging: reorganizing discoveries about the aging mind. Current Opinion in Neurobiology, 2005, 15, 2.0 465 40 245-251. The neural correlates of imageability in elderly subjects: An event-related fMRI study. Brain and 0.8 Language, 2005, 95, 68-69. The neural correlates of imageability and grammatical class in elderly subjects: An event-related fMRI 43 0.8 1 study. Brain and Language, 2005, 95, 78-79. Effect of aging on stimulus-reward association learning. Neuropsychologia, 2005, 43, 554-563. 44 A split-brain model of Alzheimer's disease?. Neuropsychologia, 2005, 43, 1307-1317. 45 0.7 20 Task-related activity in prefrontal cortex and its relation to recognition memory performance in 170 young and old adults. Neuropsychologia, 2005, 43, 1466-1481. Neurocircuitry in alcoholism: a substrate of disruption and repair. Psychopharmacology, 2005, 180, 47 1.5 449 583-594. Attention, psychomotor functions and age. European Journal of Nutrition, 2005, 44, 465-484. 1.8 48 Aspects of ageing in chronic cerebral oligaemia. Mechanisms of degeneration and compensation in rat 49 1.4 21 models. Journal of Neural Transmission, 2005, 112, 393-413. Aging and Error Processing. Journal of Psychophysiology, 2005, 19, 289-297. 39 Age-related differences in the areas of Broca and Wernicke using functional magnetic resonance 51 0.7 16 imaging. Age and Ageing, 2005, 34, 609-613. Effects of Healthy Aging on Hippocampal and Rhinal Memory Functions: An Event-Related fMRI Study. Cerebral Cortex, 2005, 16, 1771-1782. 1.6 Aging and the Neural Correlates of Successful Picture Encoding: Frontal Activations Compensate for 53 1.1 401 Decreased Medial-Temporal Activity. Journal of Cognitive Neuroscience, 2005, 17, 84-96. Early Event-Related Potential Changes During Working Memory Activation Predict Rapid Decline in Mild Cognitive Impairment. Journals of Gerontology - Series A Biological Sciences and Medical 54 1.7 Sciences, 2005, 60, 660-666. The Neural Correlates of Declining Performance with Age: Evidence for Age-Related Changes in 55 1.6 55 Cognitive Control. Cerebral Cortex, 2005, 16, 1739-1749. Region-specific changes in prefrontal function with age: a review of PET and fMRI studies on working 451 and episodic memory. Brain, 2005, 128, 1964-1983. Pharmacological Modulation of Prefrontal Cortical Activity During a Working Memory Task in Young 57 and Older Humans: A PET Study With Physostigmine. American Journal of Psychiatry, 2005, 162, 4.0 43 2061-2070. Functional Brain Imaging of Cerebrovascular Disease., 2005, , 181-209.

#	Article	IF	CITATIONS
59	The Effect of Education on Age-Related Functional Activation During Working Memory. Aging, Neuropsychology, and Cognition, 2005, 12, 216-229.	0.7	12
61	Neural Mechanisms Underlying Probabilistic Category Learning in Normal Aging. Journal of Neuroscience, 2005, 25, 11340-11348.	1.7	95
62	Memory Performance and the Growth Hormone/Insulin-Like Growth Factor Axis in Elderly: A Positron Emission Tomography Study. Neuroendocrinology, 2005, 81, 31-40.	1.2	37
63	Brain Networks Associated with Cognitive Reserve in Healthy Young and Old Adults. Cerebral Cortex, 2005, 15, 394-402.	1.6	341
64	Relating Medial Temporal Lobe Volume to Frontal fMRI Activation for Memory Encoding in Older Adults. Cortex, 2005, 41, 595-602.	1.1	28
65	Age-dependent brain activation during forward and backward digit recall revealed by fMRI. NeuroImage, 2005, 26, 36-47.	2.1	100
66	Frontal circuitry degradation marks healthy adult aging: Evidence from diffusion tensor imaging. NeuroImage, 2005, 26, 891-899.	2.1	315
67	Cognitive correlates of 1H MRS measures in the healthy elderly brain. Brain Research Bulletin, 2005, 66, 9-16.	1.4	42
68	Reward-based decision-making and aging. Brain Research Bulletin, 2005, 67, 382-390.	1.4	102
69	Brain activation during encoding and recognition of verbal and figural information in older adults. Neurobiology of Aging, 2005, 26, 237-250.	1.5	28
70	Age-related alterations in white matter microstructure measured by diffusion tensor imaging. Neurobiology of Aging, 2005, 26, 1215-1227.	1.5	751
71	Age-related differences in novelty and target processing among cognitively high performing adults. Neurobiology of Aging, 2005, 26, 1283-1295.	1.5	36
72	The Influence of Encoding Strategy on Episodic Memory and Cortical Activity in Schizophrenia. Biological Psychiatry, 2005, 58, 47-55.	0.7	102
73	Double dissociation in neural correlates of visual working memory: A PET study. Cognitive Brain Research, 2005, 25, 747-759.	3.3	44
74	Goal-directed memory: The role of cognitive control in older adults' emotional memory Psychology and Aging, 2005, 20, 554-570.	1.4	510
75	Neural mechanisms of prefrontal cortical function: implications for cognitive rehabilitation. Progress in Brain Research, 2006, 157, 123-392.	0.9	26
76	Structure–Function Correlates of Cognitive Decline in Aging. Cerebral Cortex, 2006, 16, 907-915.	1.6	404
77	On why the elderly have normal semantic retrieval but deficient episodic encoding: A study of left inferior frontal ERP activity. NeuroImage, 2006, 30, 299-312.	2.1	45

#	Article	IF	CITATIONS
78	An fMRI investigation of short-term source memory in young and older adults. NeuroImage, 2006, 30, 627-633.	2.1	68
79	Aging is associated with contrasting changes in local and distant cortical connectivity in the human motor system. NeuroImage, 2006, 32, 747-760.	2.1	85
80	Does healthy aging affect the hemispheric activation balance during paced index-to-thumb opposition task? An fMRI study. NeuroImage, 2006, 32, 1250-1256.	2.1	146
81	Aging: Compensation or maturation?. NeuroImage, 2006, 32, 1891-1904.	2.1	51
82	Functional significance of age-related differences in motor activation patterns. NeuroImage, 2006, 32, 1345-1354.	2.1	136
83	The effect of aging on event-related potentials and behavioral responses: Comparison of tonal, phonologic and semantic targets. Clinical Neurophysiology, 2006, 117, 1974-1989.	0.7	21
84	Supratentorial Profile of White Matter Microstructural Integrity in Recovering Alcoholic Men and Women. Biological Psychiatry, 2006, 59, 364-372.	0.7	106
85	Patterns of Normal Human Brain Plasticity After Practice and Their Implications for Neurorehabilitation. Archives of Physical Medicine and Rehabilitation, 2006, 87, 20-29.	0.5	141
86	Age-related differences in attention to novelty among cognitively high performing adults. Biological Psychology, 2006, 72, 67-77.	1.1	33
87	Effects of aging on slowing of motor-response generation. International Journal of Psychophysiology, 2006, 59, 22-29.	0.5	111
88	Prefrontal and striatal activation in elderly subjects during concurrent implicit and explicit sequence learning. Neurobiology of Aging, 2006, 27, 741-751.	1.5	65
89	Cerebral oxygenation changes in the prefrontal cortex: Effects of age and gender. Neurobiology of Aging, 2006, 27, 888-894.	1.5	144
90	Dysmorphology and microstructural degradation of the corpus callosum: Interaction of age and alcoholism. Neurobiology of Aging, 2006, 27, 994-1009.	1.5	185
91	Motor-response generation as a source of aging-related behavioural slowing in choice-reaction tasks. Neurobiology of Aging, 2006, 27, 1719-1730.	1.5	68
92	Under the curve: Critical issues for elucidating D1 receptor function in working memory. Neuroscience, 2006, 139, 263-276.	1.1	290
93	Mechanisms of fluid cognition: Relational integration and inhibition. Behavioral and Brain Sciences, 2006, 29, 141-142.	0.4	0
94	Towards a theory of intelligence beyond g. Behavioral and Brain Sciences, 2006, 29, 132-134.	0.4	3
95	Dissecting g. Behavioral and Brain Sciences, 2006, 29, 130-132.	0.4	23

#	Article	IF	CITATIONS
96	Clarifying process versus structure in human intelligence: Stop talking about fluid and crystallized. Behavioral and Brain Sciences, 2006, 29, 136-137.	0.4	5
97	Heterogeneity in fluid cognition and some neural underpinnings. Behavioral and Brain Sciences, 2006, 29, 126-126.	0.4	2
98	Phlogiston, fluid intelligence, and the Lynn–Flynn effect. Behavioral and Brain Sciences, 2006, 29, 142-143.	0.4	10
99	Difficulties differentiating dissociations. Behavioral and Brain Sciences, 2006, 29, 138-139.	0.4	30
100	Fluidity, adaptivity, and self-organization. Behavioral and Brain Sciences, 2006, 29, 140-141.	0.4	0
101	How relevant are fluid cognition and general intelligence? A developmental neuroscientist's perspective on a new model. Behavioral and Brain Sciences, 2006, 29, 143-143.	0.4	0
102	Contributions of Cognitive Neuroscience to the Understanding of Behavior and Aging. , 2006, , 57-83.		18
103	Toward a revised theory of general intelligence: Further examination of fluid cognitive abilities as unique aspects of human cognition. Behavioral and Brain Sciences, 2006, 29, 145-153.	0.4	10
104	Can fluid and general intelligence be differentiated in an older adult population?. Behavioral and Brain Sciences, 2006, 29, 143-145.	0.4	1
105	Fluid intelligence as cognitive decoupling. Behavioral and Brain Sciences, 2006, 29, 139-140.	0.4	6
106	What we need is better theory, not more data. Behavioral and Brain Sciences, 2006, 29, 125-126.	0.4	34
107	Some considerations concerning neurological development and psychometric assessment. Behavioral and Brain Sciences, 2006, 29, 137-138.	0.4	1
108	Prior to paradigm integration, the task is to resolve construct definitions of gF and WM. Behavioral and Brain Sciences, 2006, 29, 127-129.	0.4	9
109	Exactly how are fluid intelligence, working memory, and executive function related? Cognitive neuroscience approaches to investigating the mechanisms of fluid cognition. Behavioral and Brain Sciences, 2006, 29, 128-129.	0.4	12
110	There is more to fluid intelligence than working memory capacity and executive function. Behavioral and Brain Sciences, 2006, 29, 134-135.	0.4	20
111	Within fluid cognition: Fluid processing and fluid storage?. Behavioral and Brain Sciences, 2006, 29, 129-130.	0.4	13
112	Early intervention and the growth of children's fluid intelligence: A cognitive developmental perspective. Behavioral and Brain Sciences, 2006, 29, 133-134.	0.4	1
113	Hemispheric interactions are different in left-handed individuals Neuropsychology, 2006, 20, 700-707.	1.0	75

#	Article	IF	CITATIONS
114	Efficiency of callosal transfer and hemispheric interaction Neuropsychology, 2006, 20, 178-184.	1.0	24
115	Influences of Biological and Self-Initiated Factors on Brain and Cognition in Adulthood and Aging. , 0, , 239-254.		2
116	Cognitive Reserve and Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2006, 20, S69-S74.	0.6	331
117	Cognitive Reserve and Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2006, 20, 112-117.	0.6	520
118	The impact of sleep deprivation and task difficulty on networks of fMRI brain response. Journal of the International Neuropsychological Society, 2006, 12, 591-597.	1.2	29
119	Language and the Aging Brain: Patterns of Neural Compensation Revealed by Functional Brain Imaging. Journal of Neurophysiology, 2006, 96, 2830-2839.	0.9	255
120	Neural substrates of syntactic mapping treatment: An fMRI study of two cases. Journal of the International Neuropsychological Society, 2006, 12, 132-146.	1.2	38
121	Decreased neural specialization in old adults on a working memory task. NeuroReport, 2006, 17, 487-491.	0.6	114
122	EEG Coherence Obtained From an Auditory Oddball Task Increases With Age. Journal of Clinical Neurophysiology, 2006, 23, 395-403.	0.9	42
123	The neural bases of momentary lapses in attention. Nature Neuroscience, 2006, 9, 971-978.	7.1	1,387
124	Diffusion tensor imaging and aging. Neuroscience and Biobehavioral Reviews, 2006, 30, 749-761.	2.9	546
125	The correlative triad among aging, dopamine, and cognition: Current status and future prospects. Neuroscience and Biobehavioral Reviews, 2006, 30, 791-807.	2.9	648
126	Brain–behavior relations across the lifespan: A commentary. Neuroscience and Biobehavioral Reviews, 2006, 30, 885-892.	2.9	36
127	Individual differences in neurocognitive aging of the medial temporal lobe. Age, 2006, 28, 221-233.	3.0	49
128	Self-referential tags in the discourse of people with Alzheimer's disease. Brain and Language, 2006, 97, 41-52.	0.8	16
129	Large-scale neural network for sentence processing. Brain and Language, 2006, 96, 14-36.	0.8	66
130	Age-related differences in response regulation as revealed by functional MRI. Brain Research, 2006, 1076, 171-176.	1.1	26
131	The functional and structural significance of the frontal shift in the old/new ERP effect. Brain Research, 2006, 1081, 156-170.	1.1	17

#	Article	IF	CITATIONS
132	Source memory retrieval is affected by aging and prefrontal lesions: Behavioral and ERP evidence. Brain Research, 2006, 1107, 161-176.	1.1	73
133	The impact of normal aging and Parkinson's disease on response preparation in task-switching behavior. Brain Research, 2006, 1114, 173-182.	1.1	27
134	Neural correlates of auditory recognition under full and divided attention in younger and older adults. Neuropsychologia, 2006, 44, 2452-2464.	0.7	50
135	Effects of aging on recognition of intentionally and incidentally stored words: An fMRI study. Neuropsychologia, 2006, 44, 2477-2486.	0.7	23
136	Selective Age-related Degradation of Anterior Callosal Fiber Bundles Quantified In Vivo with Fiber Tracking. Cerebral Cortex, 2006, 16, 1030-1039.	1.6	216
137	Perceptual Effort and Apparent Cognitive Decline: Implications for Audiologic Rehabilitation. Seminars in Hearing, 2006, 27, 284-293.	0.5	32
138	Increased Responsiveness to Novelty is Associated with Successful Cognitive Aging. Journal of Cognitive Neuroscience, 2006, 18, 1759-1773.	1.1	59
139	Changing Frontal Contributions to Memory Before and After Medial Temporal Lobectomy. Cerebral Cortex, 2006, 17, 443-456.	1.6	37
140	Age-related Changes in Brain Activity across the Adult Lifespan. Journal of Cognitive Neuroscience, 2006, 18, 227-241.	1.1	426
141	Relationship between Hippocampal Structure and Memory Function in Elderly Humans. Journal of Cognitive Neuroscience, 2006, 18, 990-1003.	1.1	30
142	Sequential Auditory Scene Analysis Is Preserved in Normal Aging Adults. Cerebral Cortex, 2006, 17, 501-512.	1.6	53
143	Evidence for Frontally Mediated Controlled Processing Differences in Older Adults. Cerebral Cortex, 2006, 17, 1033-1046.	1.6	138
144	Effects of Aging on BOLD fMRI during Prosaccades and Antisaccades. Journal of Cognitive Neuroscience, 2006, 18, 594-603.	1.1	50
145	Intact Recollection Memory in High-performing Older Adults: ERP and Behavioral Evidence. Journal of Cognitive Neuroscience, 2006, 18, 33-47.	1.1	115
146	Altered brain activity in healthy seniors: what does it mean?. Progress in Brain Research, 2006, 157, 45-385.	0.9	64
147	How similar are fluid cognition and general intelligence? A developmental neuroscience perspective on fluid cognition as an aspect of human cognitive ability. Behavioral and Brain Sciences, 2006, 29, 109-125.	0.4	353
148	Working memory, executive function, and general fluid intelligence are not the same. Behavioral and Brain Sciences, 2006, 29, 135-136.	0.4	47
149	Repetitive Transcranial Magnetic Stimulation Effects on Brain Function and Cognition among Elders with Memory Dysfunction. A Randomized Sham-Controlled Study. Cerebral Cortex, 2006, 16, 1487-1493.	1.6	169

#	Article	IF	Citations
150	Cognitive reserve in neuropsychiatry. Psychological Medicine, 2006, 36, 1053-1064.	2.7	241
151	Effects of Age on Auditory and Cognitive Processing: Implications for Hearing Aid Fitting and Audiologic Rehabilitation. Trends in Amplification, 2006, 10, 29-59.	2.4	343
152	Brain reserve and dementia: a systematic review. Psychological Medicine, 2006, 36, 441-454.	2.7	714
153	The Adaptive and Strategic Use of Memory By Older Adults: Evaluative Processing and Value-Directed Remembering. Psychology of Learning and Motivation - Advances in Research and Theory, 2007, , 225-270.	0.5	89
154	Translational Research in Late-Life Mood Disorders: Implications for Future Intervention and Prevention Research. Neuropsychopharmacology, 2007, 32, 1857-1875.	2.8	43
155	Age Effects on the Neural Correlates of Episodic Retrieval: Increased Cortical Recruitment with Matched Performance. Cerebral Cortex, 2007, 17, 2491-2506.	1.6	145
156	Differential Course of Executive Control Changes During Normal Aging. Aging, Neuropsychology, and Cognition, 2007, 14, 370-393.	0.7	96
157	Age Differences in Deactivation: A Link to Cognitive Control?. Journal of Cognitive Neuroscience, 2007, 19, 1021-1032.	1.1	294
158	The Time Styles Scale. Time and Society, 2007, 16, 333-366.	0.8	81
159	Age-Dependent Differences in Human Brain Activity Using a Face- and Location-Matching Task: An fMRI Study. Dementia and Geriatric Cognitive Disorders, 2007, 24, 235-246.	0.7	7
160	Functional plasticity in cognitive aging: Review and hypothesis Neuropsychology, 2007, 21, 657-673.	1.0	276
161	Aging and the misinformation effect: A neuropsychological analysis Journal of Experimental Psychology: Learning Memory and Cognition, 2007, 33, 321-334.	0.7	69
162	Comment on Greenwood (2007): Solving the puzzle of structure/function relations in the aging brain?. Neuropsychology, 2007, 21, 674-675.	1.0	2
163	Age-related multisensory enhancement in a simple audiovisual detection task. NeuroReport, 2007, 18, 1077-1081.	0.6	172
164	Improving Cognitive Function in Older Adults: Nontraditional Approaches. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2007, 62, 45-52.	2.4	133
165	Intelligence quotient–adjusted memory impairment is associated with abnormal single photon emission computed tomography perfusion. Journal of the International Neuropsychological Society, 2007, 13, 821-31.	1.2	14
166	Training-induced plasticity in older adults: Effects of training on hemispheric asymmetry. Neurobiology of Aging, 2007, 28, 272-283.	1.5	218
167	Mild cognitive impairment (MCI) and actual retrieval performance affect cerebral activation in the elderly. Neurobiology of Aging, 2007, 28, 404-413.	1.5	65

#	Article	IF	CITATIONS
168	Age-related changes in brain activation during a delayed item recognition task. Neurobiology of Aging, 2007, 28, 784-798.	1.5	159
169	Neural correlates of age-related verbal episodic memory decline: A PET study with combined subtraction/correlation analysis. Neurobiology of Aging, 2007, 28, 1568-1576.	1.5	23
170	Age-related changes in cognitive conflict processing: An event-related potential study. Neurobiology of Aging, 2007, 28, 1925-1935.	1.5	48
171	Cognitive, demographic, and situational determinants of service customer preference for personnel-in-contact over self-service technology. International Journal of Research in Marketing, 2007, 24, 163-173.	2.4	158
172	Visual target processing in high- and low-performing older subjects indexed by P3 component. Neurophysiologie Clinique, 2007, 37, 53-61.	1.0	20
173	Contextual interference in recognition memory with age. NeuroImage, 2007, 35, 1338-1347.	2.1	56
174	Structural and Functional Imaging Correlates for Age-Related Changes in the Brain. Seminars in Nuclear Medicine, 2007, 37, 69-87.	2.5	34
175	Myocontrol in Aging. PLoS ONE, 2007, 2, e1219.	1.1	6
176	Aging and brain activation with working memory tasks: an fMRI study of connectivity. International Journal of Geriatric Psychiatry, 2007, 22, 332-342.	1.3	31
177	The elephant in the room — healthy brains in later life, epidemiology and public health. Nature Reviews Neuroscience, 2007, 8, 233-239.	4.9	185
178	Memory and physical mobility in physically and cognitively-independent elderly people. Geriatrics and Gerontology International, 2007, 7, 258-265.	0.7	13
179	Feedback-based versus observational classification learning in healthy aging and Parkinson's disease. Brain Research, 2007, 1142, 178-188.	1.1	34
180	Local–global interference is modulated by age, sex and anterior corpus callosum size. Brain Research, 2007, 1142, 189-205.	1.1	60
181	Cognitive aging is linked to social role in honey bees (Apis mellifera). Experimental Gerontology, 2007, 42, 1146-1153.	1.2	97
182	Corpus callosum size, reaction time speed and variability in mild cognitive disorders and in a normative sample. Neuropsychologia, 2007, 45, 1911-1920.	0.7	103
183	Effects of aging on true and false memory formation: An fMRI study. Neuropsychologia, 2007, 45, 3157-3166.	0.7	133
184	The effects of frontal lobe functioning and age on veridical and false recall. Psychonomic Bulletin and Review, 2007, 14, 606-611.	1.4	29
185	White Matter Correlates of Cognitive Capacity Studied With Diffusion Tensor Imaging: Implications for Cognitive Reserve. Brain Imaging and Behavior, 2007, 1, 83-92.	1.1	7

#	Article	IF	CITATIONS
186	Advances in functional magnetic resonance imaging: Technology and clinical applications. Neurotherapeutics, 2007, 4, 360-370.	2.1	35
187	Neuropsychological Contributions to the Early Identification of Alzheimer's Disease. Neuropsychology Review, 2008, 18, 73-90.	2.5	166
188	Age-related Effects on Word Recognition: Reliance on Cognitive Control Systems with Structural Declines in Speech-responsive Cortex. JARO - Journal of the Association for Research in Otolaryngology, 2008, 9, 252-259.	0.9	63
189	Visual sensory processing deficits in Schizophrenia and their relationship to disease state. European Archives of Psychiatry and Clinical Neuroscience, 2008, 258, 305-316.	1.8	77
190	Anterior hippocampus orchestrates successful encoding and retrieval of non-relational memory: an event-related fMRI study. European Archives of Psychiatry and Clinical Neuroscience, 2008, 258, 363-372.	1.8	29
191	Repairing the human brain after stroke. II. Restorative therapies. Annals of Neurology, 2008, 63, 549-560.	2.8	247
192	<i>Cognitive Neuroscience of Aging</i> . Annals of the New York Academy of Sciences, 2008, 1124, 127-144.	1.8	414
193	The Impact of Magnetic Resonance Imaging-Detected White Matter Hyperintensities on Longitudinal Changes in Regional Cerebral Blood Flow. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 190-197.	2.4	48
194	Transcranial magnetic stimulation improves naming in Alzheimer disease patients at different stages of cognitive decline. European Journal of Neurology, 2008, 15, 1286-1292.	1.7	221
195	Functional status of masticatory system, executive function and episodic memory in older persons. Journal of Oral Rehabilitation, 2008, 35, 324-336.	1.3	37
196	Aging disrupts the neural transformations that link facial identity across views. Vision Research, 2008, 48, 9-15.	0.7	65
198	Age-related differences in brain activity during verbal recency memory. Brain Research, 2008, 1199, 111-125.	1.1	41
199	Modality-specificity of sensory aging in vision and audition: Evidence from event-related potentials. Brain Research, 2008, 1215, 53-68.	1.1	98
200	Dedifferentiation in the visual cortex: An fMRI investigation of individual differences in older adults. Brain Research, 2008, 1244, 121-131.	1.1	115
201	Neural correlates of approximate quantification strategies in young and older adults: An fMRI study. Brain Research, 2008, 1246, 144-157.	1.1	35
202	Aging memory for pictures: Using high-density event-related potentials to understand the effect of aging on the picture superiority effect. Neuropsychologia, 2008, 46, 679-689.	0.7	68
203	Functional abnormalities of the medial temporal lobe memory system in mild cognitive impairment and Alzheimer's disease: Insights from functional MRI studies. Neuropsychologia, 2008, 46, 1624-1635.	0.7	337
204	fMRI activation during episodic encoding and metacognitive appraisal across the lifespan: Risk factors for Alzheimer's disease. Neuropsychologia, 2008, 46, 1667-1678.	0.7	58

ARTICLE IF CITATIONS # Recollection and familiarity in amnestic mild cognitive impairment: A global decline in recognition 205 0.7 100 memory. Neuropsychología, 2008, 46, 1965-1978. Altered deactivation in individuals with genetic risk for Alzheimer's disease. Neuropsychologia, 2008, 206 46, 1679-1687. Parietal contributions to recollection: Electrophysiological evidence from aging and patients with 207 0.7 102 parietal lesions. Neuropsychologia, 2008, 46, 1800-1812. Interhemispheric interaction during the menstrual cycle. Neuropsychologia, 2008, 46, 2415-2422. 208 44 Age-related changes in word retrieval: Role of bilateral frontal and subcortical networks. 209 1.5 161 Neurobiology of Aging, 2008, 29, 436-451. I. Longitudinal changes in aging brain function. Neurobiology of Aging, 2008, 29, 483-496. 1.5 II. Temporal patterns of longitudinal change in aging brain function. Neurobiology of Aging, 2008, 29, 211 1.5 32 497-513. Use it or lose it? SES mitigates age-related decline in a recency/recognition task. Neurobiology of 1.5 49 Aging, 2008, 29, 945-958. Enhanced and bilateralized visual sensory processing in the ventral stream may be a feature of normal aging. Neurobiology of Aging, 2008, 29, 1576-1586. 213 1.5 49 Functional connectivity of the hippocampus in elderly with mild memory dysfunction carrying the 214 1.5 APOE É 4 allele. Neurobiology of Áging, 2008, 29, 1644-1653. Regional specificity of age effects on the neural correlates of episodic retrieval. Neurobiology of 215 77 1.5 Aging, 2008, 29, 1902-1916. Compensatory neural activity distinguishes different patterns of normal cognitive aging. NeuroImage, 2.1 58 2008, 39, 441-454. Neural correlates of age-related visual search decline: A combined ERP and sLORETA study. 217 2.1 40 Neurolmage, 2008, 41, 511-524. Is retaining the youthful functional anatomy underlying speed of information processing a signature of successful cognitive ageing? An event-related fMRI study of inspection time performance. NeuroImage, 2008, 41, 581-595. 2.1 Age-related changes in neural activity during performance matched working memory manipulation. 219 2.1 46 NeuroImage, 2008, 42, 1577-1586. Potential Adaptive Function for Altered Long-Term Potentiation Mechanisms in Aging Hippocampus. 221 95 Journal of Neuroscience, 2008, 28, 8034-8039. Effects of Aging on Visuospatial Performance and Cerebral Activation and Lateralization: An FMRI 223 0.8 4 Study. International Journal of Neuroscience, 2008, 118, 781-791. Use of supportive context by younger and older adult listeners: Balancing bottom-up and top-down 224 154 information processing. International Journal of Audiology, 2008, 47, S72-S82.

#	Article	IF	CITATIONS
225	Age-related memory impairment associated with loss of parietal deactivation but preserved hippocampal activation. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2181-2186.	3.3	344
226	Brain is also a Dependent Variable: Biocultural Coconstruction of Developmental Plasticity Across the Life Span. Research in Human Development, 2008, 5, 80-93.	0.8	2
227	The Effects of Aging on the Neural Correlates of Subjective and Objective Recollection. Cerebral Cortex, 2008, 18, 2169-2180.	1.6	123
228	Aging affects acquisition and reversal of reward-based associative learning. Learning and Memory, 2008, 15, 190-197.	0.5	73
229	Older Farmers' Prevalence, Capital, Health, Age-Related Limitations, and Adaptations. Journal of Agromedicine, 2008, 13, 81-94.	0.9	16
230	Age-related top-down suppression deficit in the early stages of cortical visual memory processing. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13122-13126.	3.3	382
231	Que PASA? The Posterior-Anterior Shift in Aging. Cerebral Cortex, 2008, 18, 1201-1209.	1.6	1,078
232	Systems Neuroplasticity in the Aging Brain: Recruiting Additional Neural Resources for Successful Motor Performance in Elderly Persons. Journal of Neuroscience, 2008, 28, 91-99.	1.7	431
233	Processing resources reduce the effect of Alzheimer pathology on other cognitive systems. Neurology, 2008, 70, 1534-1542.	1.5	66
234	Aging Does Not Affect Brain Patterns of Repetition Effects Associated with Perceptual Priming of Novel Objects. Journal of Cognitive Neuroscience, 2008, 20, 1762-1776.	1.1	24
235	Age-Related Differences in Brain Activity Underlying Working Memory for Spatial and Nonspatial Auditory Information. Cerebral Cortex, 2008, 18, 189-199.	1.6	76
236	Functional asymmetry of superior parietal lobule for working memory in the elderly. NeuroReport, 2008, 19, 1355-1359.	0.6	25
237	Reduction in White Matter Connectivity, Revealed by Diffusion Tensor Imaging, May Account for Age-related Changes in Face Perception. Journal of Cognitive Neuroscience, 2008, 20, 268-284.	1.1	106
238	Age Differences in Target Detection and Interference Resolution in Working Memory: An Event-related Potential Study. Journal of Cognitive Neuroscience, 2008, 20, 2250-2262.	1.1	24
239	Chronic Insomnia and Cognitive Functioning Among Older Adults. Behavioral Sleep Medicine, 2008, 6, 32-54.	1.1	119
240	White Matter Lesions and Cognitive Performance: The Role of Cognitively Complex Leisure Activity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2008, 63, 848-854.	1.7	62
241	Neurophysiological Measures of Task-Set Switching: Effects of Working Memory and Aging. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2008, 63, P57-P66.	2.4	37
242	Do young and older adults rely on different processes in source memory tasks? A neuropsychological study Journal of Experimental Psychology: Learning Memory and Cognition, 2008, 34, 809-822.	0.7	113

#	Article	IF	CITATIONS
243	Targeting latent function: Encouraging effective encoding for successful memory training and transfer Psychology and Aging, 2008, 23, 754-764.	1.4	54
244	Handedness is related to memory via hemispheric interaction: Evidence from paired associate recall and source memory tasks Neuropsychology, 2008, 22, 523-530.	1.0	78
245	Chapter 5.3 Structure–function correlates of episodic memory in aging. Handbook of Behavioral Neuroscience, 2008, 18, 521-634.	0.7	0
246	Principles of compensation in cognitive neuroscience and neurorehabilitation. , 2008, , 22-38.		21
247	Functional neuroimaging and cognitive rehabilitation: healthy aging as a model of plasticity. , 0, , 149-161.		0
248	Memory rehabilitation in older adults. , 0, , 541-562.		9
249	Contribution of education, occupation and cognitively stimulating activities to the formation of cognitive reserve. Dementia E Neuropsychologia, 2008, 2, 173-182.	0.3	54
250	Improvement of sensorimotor functions in old age by passive sensory stimulation. Clinical Interventions in Aging, 2008, Volume 3, 673-690.	1.3	74
251	Episodic Memory Decline and Healthy Aging. , 2008, , 577-599.		5
252	Evolution of the Aging Brain Transcriptome and Synaptic Regulation. PLoS ONE, 2008, 3, e3329.	1.1	285
254	Neuropsychology and neuroimaging of sleep-dependent memory processing: implications for aging. , 0,		0
	, 45-56.		0
255	, 45-56. Sleep and memory in the elderly. , 0, , 57-64.		0
255 256	, 45-56. Sleep and memory in the elderly. , 0, , 57-64. The ex-illiterate brain: The critical period, cognitive reserve and HAROLD model. Dementia E Neuropsychologia, 2009, 3, 222-227.	0.3	0
255 256 257	, 45-56. Sleep and memory in the elderly. , 0, , 57-64. The ex-illiterate brain: The critical period, cognitive reserve and HAROLD model. Dementia E Neuropsychologia, 2009, 3, 222-227. The Adaptive Brain: Aging and Neurocognitive Scaffolding. Annual Review of Psychology, 2009, 60, 173-196.	0.3 9.9	0 10 2,045
255 256 257 258	, 45-56. Sleep and memory in the elderly. , 0, , 57-64. The ex-illiterate brain: The critical period, cognitive reserve and HAROLD model. Dementia E Neuropsychologia, 2009, 3, 222-227. The Adaptive Brain: Aging and Neurocognitive Scaffolding. Annual Review of Psychology, 2009, 60, 173-196. Flexible neural mechanisms of cognitive control within human prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7351-7356.	0.3 9.9 3.3	0 0 10 2,045 513
255 256 257 258 259	, 45-56. Sleep and memory in the elderly. , 0, , 57-64. The ex-illiterate brain: The critical period, cognitive reserve and HAROLD model. Dementia E Neuropsychologia, 2009, 3, 222-227. The Adaptive Brain: Aging and Neurocognitive Scaffolding. Annual Review of Psychology, 2009, 60, 173-196. Flexible neural mechanisms of cognitive control within human prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7351-7356. Neural Signatures of Semantic and Phonemic Fluency in Young and Old Adults. Journal of Cognitive Neuroscience, 2009, 21, 2007-2018.	0.3 9.9 3.3 1.1	0 0 10 2,045 513 186
255 256 257 258 259 260	, 45-56. Sleep and memory in the elderly. , 0, , 57-64. The ex-illiterate brain: The critical period, cognitive reserve and HAROLD model. Dementia E Neuropsychologia, 2009, 3, 222-227. The Adaptive Brain: Aging and Neurocognitive Scaffolding. Annual Review of Psychology, 2009, 60, 173-196. Flexible neural mechanisms of cognitive control within human prefrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7351-7356. Neural Signatures of Semantic and Phonemic Fluency in Young and Old Adults. Journal of Cognitive Neuroscience, 2009, 21, 2007-2018. New theories and research findings on the positive influence of music and art on health with ageing. Arts and Health, 2009, 1, 48-62.	0.3 9.9 3.3 1.1 0.6	0 10 2,045 513 186 74

#	Article	IF	CITATIONS
262	Cognitive plasticity in adulthood and old age: Gauging the generality of cognitive intervention effects. Restorative Neurology and Neuroscience, 2009, 27, 435-453.	0.4	142
263	Functional Magnetic Resonance Imaging of Compensatory Neural Recruitment in Aging and Risk for Alzheimer's Disease: Review and Recommendations. Dementia and Geriatric Cognitive Disorders, 2009, 27, 1-10.	0.7	52
264	Modifiable Midlife Risk Factors for Late-Life Cognitive Impairment and Dementia. Current Psychiatry Reviews, 2009, 5, 73-92.	0.9	112
265	Structural and Metabolic Correlates of Episodic Memory in Relation to the Depth of Encoding in Normal Aging. Journal of Cognitive Neuroscience, 2009, 21, 372-389.	1.1	32
266	Does White Matter Matter? Spatio-temporal Dynamics of Task Switching in Aging. Journal of Cognitive Neuroscience, 2009, 21, 1380-1395.	1.1	32
267	Measuring compensation and its plasticity across the lifespan. Restorative Neurology and Neuroscience, 2009, 27, 421-433.	0.4	18
268	Development of Anterior Cingulate Functional Connectivity from Late Childhood to Early Adulthood. Cerebral Cortex, 2009, 19, 640-657.	1.6	497
269	Striatal Dopamine and Working Memory. Cerebral Cortex, 2009, 19, 445-454.	1.6	251
270	Sex Differences in Resting-State Neural Correlates of Openness to Experience among Older Adults. Cerebral Cortex, 2009, 19, 2797-2802.	1.6	45
271	Impaired Tactile Acuity in Old Age Is Accompanied by Enlarged Hand Representations in Somatosensory Cortex. Cerebral Cortex, 2009, 19, 1530-1538.	1.6	102
272	The Relationship between Aging, Performance, and the Neural Correlates of Successful Memory Encoding. Cerebral Cortex, 2009, 19, 733-744.	1.6	147
273	Effects of advanced aging on the neural correlates of successful recognition memory. Neuropsychologia, 2009, 47, 1352-1361.	0.7	17
274	Preserved frontal memorial processing for pictures in patients with mild cognitive impairment. Neuropsychologia, 2009, 47, 2044-2055.	0.7	68
275	Temporal preparation in aging: A functional MRI study. Neuropsychologia, 2009, 47, 2876-2881.	0.7	64
276	Neural correlates of episodic and semantic memory retrieval in borderline personality disorder: An fMRI study. Psychiatry Research - Neuroimaging, 2009, 171, 94-105.	0.9	23
277	A PET study of word generation in Huntington's disease: Effects of lexical competition and verb/noun category. Brain and Language, 2009, 110, 49-60.	0.8	18
278	Age effects on load-dependent brain activations in working memory for novel material. Brain Research, 2009, 1249, 148-161.	1.1	52
279	ERP correlates of item recognition memory: Effects of age and performance. Brain Research, 2009, 1250, 218-231.	1.1	70

#	Article	IF	CITATIONS
280	The influence of mental fatigue and motivation on neural network dynamics; an EEG coherence study. Brain Research, 2009, 1270, 95-106.	1.1	123
281	Age-related differences in the neural substrates of cross-modal olfactory recognition memory: An fMRI investigation. Brain Research, 2009, 1285, 88-98.	1.1	29
282	The effect of age on word-stem cued recall: A behavioral and electrophysiological study. Brain Research, 2009, 1289, 56-68.	1.1	26
283	Asymmetric connectivity reduction and its relationship to "HAROLD―in aging brain. Brain Research, 2009, 1295, 149-158.	1.1	66
284	Protein expression is altered during spontaneous sleep in aged Sprague Dawley rats. Brain Research, 2009, 1298, 37-45.	1.1	7
285	On whether the environmental enrichment may provide cognitive and brain reserves. Brain Research Reviews, 2009, 61, 221-239.	9.1	196
286	Cognition, reserve, and amyloid deposition in normal aging. Annals of Neurology, 2010, 67, 353-364.	2.8	313
287	The effect of aging on the inhibitory function in middleâ€aged subjects: a functional MRI study coupled with a colorâ€matched Stroop task. International Journal of Geriatric Psychiatry, 2009, 24, 1062-1071.	1.3	36
288	Preserved executive function in highâ€performing elderly is driven by largeâ€scale recruitment of prefrontal cortical mechanisms. Human Brain Mapping, 2009, 30, 4198-4214.	1.9	33
290	Implicit Learning in Aging: Extant Patterns and New Directions. Neuropsychology Review, 2009, 19, 490-503.	2.5	66
291	Aging, Training, and the Brain: A Review and Future Directions. Neuropsychology Review, 2009, 19, 504-522.	2.5	567
292	Stability of Default-Mode Network Activity in the Aging Brain. Brain Imaging and Behavior, 2009, 3, 123-131.	1.1	53
293	The Impact of Age-Related Changes on Working Memory Functional Activity. Brain Imaging and Behavior, 2009, 3, 142-153.	1.1	66
294	Gait capacity affects cortical activation patterns related to speed control in the elderly. Experimental Brain Research, 2009, 193, 445-454.	0.7	225
295	The emergence of Cognitive Hearing Science. Scandinavian Journal of Psychology, 2009, 50, 371-384.	0.8	187
296	Lateralisation of spatial processing and age. Laterality, 2009, 14, 17-29.	0.5	7
297	Chapter 1 Normal Brain Aging. International Review of Neurobiology, 2009, 84, 1-19.	0.9	57
298	The effect of age on event-related potentials (ERP) associated with face naming and with the tip-of-the-tongue (TOT) state. Biological Psychology, 2009, 81, 14-23.	1.1	24

ARTICLE IF CITATIONS Age-related prefrontal over-recruitment in semantic memory retrieval: Evidence from successful face 299 1.1 13 naming and the tip-of-the-tongue state. Biological Psychology, 2009, 82, 89-96. Cholinergic modulation of visual working memory during aging: A parametric PET study. Brain 1.4 Research Bulletin, 2009, 79, 322-332. Movement structure in young and elderly adults during goal-directed movements of the left and 301 0.8 55 right arm. Brain and Cognition, 2009, 69, 30-38. An evaluation of recollection and familiarity in Alzheimer's disease and mild cognitive impairment 0.8 79 using receiver operating characteristics. Brain and Cognition, 2009, 69, 504-513. A steady state visually evoked potential investigation of memory and ageing. Brain and Cognition, 303 0.8 35 2009, 69, 571-579. Responses on a lateralized lexical decision task relate to both reading times and comprehension. Brain and Cognition, 2009, 71, 416-426. 0.8 Ageing-related changes of neural activity associated with spatial contextual memory. Neurobiology of 305 1.5 57 Aging, 2009, 30, 630-645. Neural correlates of incidental memory in mild cognitive impairment: An fMRI study. Neurobiology of 306 1.5 57 Aging, 2009, 30, 717-730. Structureâ€"function interactions of correct retrieval in healthy elderly women. Neurobiology of 307 1.5 27 Aging, 2009, 30, 1147-1156. Estrogen modifies arousal but not memory for emotional events in older women. Neurobiology of 1.5 Aging, 2009, 30, 1296-1304. Increased cortical plasticity in the elderly: changes in the somatosensory cortex after paired 309 1.1 58 associative stimulation. Neuroscience, 2009, 163, 266-276. Heterogeneity in mild cognitive impairment: Differences in neuropsychological profile and associated white matter lesion pathology. Journal of the International Neuropsychological Society, 2009, 15, 1.2 906-914. fMRI Techniques and Protocols. Neuromethods, 2009, , . 312 0.2 14 Neuroplasticity and cognitive aging: The scaffolding theory of aging and cognition. Restorative Neurology and Neuroscience, 2009, 27, 391-403. 0.4 171 Problem solving, working memory, and motor correlates of association and commissural fiber 314 2.1 231 bundles in normal aging: A quantitative fiber tracking study. NeuroImage, 2009, 44, 1050-1062. Age-associated reduction of asymmetry in prefrontal function and preservation of conceptual repetition priming. NeuroImagé, 2009, 45, 237-246. Age-associated alterations in cortical gray and white matter signal intensity and gray to white matter 316 2.1 245 contrast. NeuroImage, 2009, 48, 21-28. Schizophrenia Patients Lack Normal Positive Correlation Between Age and Brain Response During Verbal Learning. American Journal of Geriatric Psychiatry, 2009, 17, 43-55.

#	Article	IF	CITATIONS
318	Effects of sex hormone therapy on interhemispheric crosstalk in postmenopausal women Neuropsychology, 2009, 23, 509-518.	1.0	11
319	Source monitoring 15 years later: What have we learned from fMRI about the neural mechanisms of source memory?. Psychological Bulletin, 2009, 135, 638-677.	5.5	520
320	Aging minds and twisting attitudes: An fMRI investigation of age differences in inhibiting prejudice Psychology and Aging, 2009, 24, 530-541.	1.4	48
321	Neural basis for recognition confidence in younger and older adults Psychology and Aging, 2009, 24, 139-153.	1.4	39
322	Everyday memory compensation: The impact of cognitive reserve, subjective memory, and stress Psychology and Aging, 2010, 25, 74-83.	1.4	56
323	A theoretical framework for the study of adult cognitive plasticity Psychological Bulletin, 2010, 136, 659-676.	5.5	593
324	Effects of age on cross-modal emotion perception Psychology and Aging, 2010, 25, 779-787.	1.4	41
325	Promoting Successful Cognitive Aging: A Comprehensive Review. Journal of Alzheimer's Disease, 2010, 19, 1101-1122.	1.2	161
326	With time on our side? Task-dependent compensatory processes in graceful aging. Experimental Brain Research, 2010, 205, 307-324.	0.7	38
327	Neural and vascular variability and the fMRI-BOLD response in normal aging. Magnetic Resonance Imaging, 2010, 28, 466-476.	1.0	105
328	The relationship between episodic long-term memory and white matter integrity in normal aging. Neuropsychologia, 2010, 48, 114-122.	0.7	42
329	Individual differences in executive functioning modulate age effects on the ERP correlates of retrieval success. Neuropsychologia, 2010, 48, 3540-3553.	0.7	29
330	Group differences in anterior hippocampal volume and in the retrieval of spatial and temporal context memory in healthy young versus older adults. Neuropsychologia, 2010, 48, 4020-4030.	0.7	65
331	Stress regulation in the central nervous system: evidence from structural and functional neuroimaging studies in human populations - 2008 Curt Richter Award Winner. Psychoneuroendocrinology, 2010, 35, 179-191.	1.3	267
332	Basal forebrain integrity and cognitive memory profile in healthy aging. Brain Research, 2010, 1308, 124-136.	1.1	31
333	Changes in familiarity and recollection across the lifespan: An ERP perspective. Brain Research, 2010, 1310, 124-141.	1.1	73
334	Age-effects on associative object–location memory. Brain Research, 2010, 1315, 100-110.	1.1	23
335	The amount of retrieval support modulates age effects on episodic memory: Evidence from event-related potentials. Brain Research, 2010, 1335, 41-52.	1.1	16

#	Article	IF	CITATIONS
336	Language of the Aging Brain: Eventâ€Related Potential Studies of Comprehension in Older Adults. Language and Linguistics Compass, 2010, 4, 623-638.	1.3	88
337	The neural control of bimanual movements in the elderly: Brain regions exhibiting ageâ€related increases in activity, frequencyâ€induced neural modulation, and taskâ€specific compensatory recruitment. Human Brain Mapping, 2010, 31, 1281-1295.	1.9	134
338	Brainâ€derived neurotrophic factor val66met polymorphism and hippocampal activation during episodic encoding and retrieval tasks. Hippocampus, 2011, 21, 980-989.	0.9	40
339	Functional phenotyping of successful aging in longâ€ŧerm memory: Preserved performance in the absence of neural compensation. Hippocampus, 2011, 21, 803-814.	0.9	93
340	Reliable differences in brain activity between young and old adults: A quantitative meta-analysis across multiple cognitive domains. Neuroscience and Biobehavioral Reviews, 2010, 34, 1178-1194.	2.9	294
341	An ERP study of age-related differences in the central cost of interlimb coordination. Psychophysiology, 2010, 47, 501-511.	1.2	12
342	Event-related potentials reveal the effects of aging on meaning selection and revision. Psychophysiology, 2010, 47, 673-86.	1.2	20
343	Neural mechanisms of ageing and cognitive decline. Nature, 2010, 464, 529-535.	13.7	1,079
344	A cognitive training intervention increases resting cerebral blood flow in healthy older adults. Frontiers in Human Neuroscience, 2010, 4, 16.	1.0	109
345	Age differences in default mode activity on easy and difficult spatial judgment tasks. Frontiers in Human Neuroscience, 2010, 3, 75.	1.0	84
346	Non-Invasive Brain Stimulation: Enhancing Motor and Cognitive Functions In Healthy Old Subjects. Frontiers in Aging Neuroscience, 2010, 2, 149.	1.7	79
347	Neuronal and Cognitive Plasticity: A Neurocognitive Framework for Ameliorating Cognitive Aging. Frontiers in Aging Neuroscience, 2010, 2, 150.	1.7	131
348	Action and Object Naming in Physiological Aging: An rTMS Study. Frontiers in Aging Neuroscience, 2010, 2, 151.	1.7	28
349	Age Differences in the Neural Representation of Working Memory Revealed by Multi-Voxel Pattern Analysis. Frontiers in Human Neuroscience, 2010, 4, 217.	1.0	95
350	Functional implications of age differences in motor system connectivity. Frontiers in Systems Neuroscience, 2010, 4, 17.	1.2	123
351	Engagement in Reading and Hobbies and Risk of Incident Dementia: The MoVIES Project. American Journal of Alzheimer's Disease and Other Dementias, 2010, 25, 432-438.	0.9	66
352	Human Neuroscience and the Aging Mind: A New Look at Old Problems. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2010, 65B, 405-415.	2.4	328
353	Performance on the Clock Drawing Task Correlates with fMRI Response to a Visuospatial Task in Alzheimer's Disease. International Journal of Neuroscience, 2010, 120, 335-343.	0.8	11

#	Article	IF	CITATIONS
354	Alerting, orienting, and executive attention in older adults. Journal of the International Neuropsychological Society, 2010, 16, 877-889.	1.2	75
355	Longitudinal evidence for diminished frontal cortex function in aging. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22682-22686.	3.3	241
356	Repetitive Electric Stimulation Elicits Enduring Improvement of Sensorimotor Performance in Seniors. Neural Plasticity, 2010, 2010, 1-11.	1.0	39
357	Neural Processing during Older Adults' Comprehension of Spoken Sentences: Age Differences in Resource Allocation and Connectivity. Cerebral Cortex, 2010, 20, 773-782.	1.6	207
358	Age-Dependent Differences in the Neural Mechanisms Supporting Long-Term Declarative Memories. Archives of Clinical Neuropsychology, 2010, 25, 383-395.	0.3	28
359	Successful cognitive and emotional aging. World Psychiatry, 2010, 9, 78-84.	4.8	148
360	Learning Shapes the Representation of Visual Categories in the Aging Human Brain. Journal of Cognitive Neuroscience, 2010, 22, 2899-2912.	1.1	16
361	Normal Adult Aging and the Contextual Influences Affecting Speech and Meaningful Sound Perception. Trends in Amplification, 2010, 14, 218-232.	2.4	42
362	White matter diffusivity predicts memory in patients with subjective and mild cognitive impairment and normal CSF total tau levels. Journal of the International Neuropsychological Society, 2010, 16, 58-69.	1.2	28
363	Associative Recognition Memory for Faces: More Pronounced Age-Related Impairments in Binding Intra- than Inter-Item Associations. Experimental Aging Research, 2010, 36, 123-139.	0.6	14
364	Age-related valence-based reversal in recruitment of medial prefrontal cortex on a visual search task. Social Neuroscience, 2010, 5, 560-576.	0.7	32
365	Cerebral restorative plasticity from normal ageing to brain diseases: A "never ending story". Restorative Neurology and Neuroscience, 2010, 28, 349-366.	0.4	23
366	Age-Related Shifts in Brain Activity Dynamics during Task Switching. Cerebral Cortex, 2010, 20, 1420-1431.	1.6	124
367	Functional magnetic resonance imaging reveals age-related alterations to motor networks in weighted elbow flexion–extension movement. Neurological Research, 2010, 32, 995-1001.	0.6	13
368	Intima-Media Thickness and Regional Cerebral Blood Flow in Older Adults. Stroke, 2010, 41, 273-279.	1.0	36
369	Age-related Neural Changes during Memory Conjunction Errors. Journal of Cognitive Neuroscience, 2010, 22, 1348-1361.	1.1	51
370	Word Retrieval Failures in Old Age: The Relationship between Structure and Function. Journal of Cognitive Neuroscience, 2010, 22, 1530-1540.	1.1	82
371	Alzheimer Disease: Functional Abnormalities in the Dorsal Visual Pathway. Radiology, 2010, 254, 219-226.	3.6	44

#	Article	IF	CITATIONS
373	Simulating Neurocognitive Aging: Effects of a Dopaminergic Antagonist on Brain Activity During Working Memory. Biological Psychiatry, 2010, 67, 575-580.	0.7	61
374	Compensation and Disease Severity on the Memory-Related Activations in Mild Cognitive Impairment. Biological Psychiatry, 2010, 68, 894-902.	0.7	109
375	Reduced neural selectivity increases fMRI adaptation with age during face discrimination. NeuroImage, 2010, 51, 336-344.	2.1	147
376	Age-related functional changes in gustatory and reward processing regions: An fMRI study. NeuroImage, 2010, 53, 602-610.	2.1	66
377	Temporal Dynamics of Memory-Related Effects in Older and Young Adults: An Event-Related Potential Study. Experimental Aging Research, 2010, 36, 206-229.	0.6	7
378	Functional neuroanatomy of the encoding and retrieval processes of verbal episodic memory in MCI. Cortex, 2010, 46, 1005-1015.	1.1	49
379	White matter pathways associated with working memory in normal aging. Cortex, 2010, 46, 474-489.	1.1	142
380	Age-related changes in prefrontal cortex activity are associated with behavioural deficits in both temporal andÂspatial context memory retrieval in older adults. Cortex, 2010, 46, 535-549.	1.1	93
381	The influence of age and individual differences in executive function on stimulus processing in the oddball task. Cortex, 2010, 46, 550-563.	1.1	43
382	Ageing affects brain activity in highly educated older adults: An ERP study using a word-stem priming task. Cortex, 2010, 46, 522-534.	1.1	49
383	Forming intentions successfully: Differential compensational mechanisms of adolescents and old adults. Cortex, 2010, 46, 575-589.	1.1	17
384	Age differences in prefontal recruitment during verbal working memory maintenance depend on memory load. Cortex, 2010, 46, 462-473.	1.1	333
385	Exploring interhemispheric collaboration in older compared to younger adults. Brain and Cognition, 2010, 72, 218-227.	0.8	8
386	Visuomotor binding in older adults. Brain and Cognition, 2010, 74, 239-243.	0.8	1
387	Protective role of educational level on episodic memory aging: An event-related potential study. Brain and Cognition, 2010, 74, 312-323.	0.8	54
388	Effects of aging on hemispheric asymmetry in inferior frontal cortex activity during belief–bias syllogistic reasoning: A near-infrared spectroscopy study. Behavioural Brain Research, 2010, 210, 178-183.	1.2	40
389	Age-related reduction in the differential pathways involved in internal and external movement generation. Neurobiology of Aging, 2010, 31, 301-314.	1.5	46
390	Age-related decline of functional inhibition in rat cortex. Neurobiology of Aging, 2010, 31, 504-511.	1.5	49

#	Article	IF	CITATIONS
391	Age-related alterations in default mode network: Impact on working memory performance. Neurobiology of Aging, 2010, 31, 839-852.	1.5	444
393	Hormone therapy in postmenopausal women affects hemispheric asymmetries in fine motor coordination. Hormones and Behavior, 2010, 58, 450-456.	1.0	16
394	Executive control function, brain activation and white matter hyperintensities in older adults. NeuroImage, 2010, 49, 3436-3442.	2.1	70
395	Different strategies for auditory word recognition in healthy versus normal aging. NeuroImage, 2010, 49, 3319-3330.	2.1	28
396	Impairment and compensation coexist in amnestic MCI default mode network. NeuroImage, 2010, 50, 48-55.	2.1	296
397	Brain activation during interference resolution in young and older adults: An fMRI study. NeuroImage, 2010, 50, 810-817.	2.1	78
398	Structural Brain Changes in Aging: Courses, Causes and Cognitive Consequences. Reviews in the Neurosciences, 2010, 21, 187-221.	1.4	728
400	Growing Together and Growing Apart: Regional and Sex Differences in the Lifespan Developmental Trajectories of Functional Homotopy. Journal of Neuroscience, 2010, 30, 15034-15043.	1.7	619
401	Successful Cognitive Aging. Current Topics in Behavioral Neurosciences, 2011, 10, 35-50.	0.8	43
402	Hemispheric lateralization in aging: Interest of the verbal-manual concurrency paradigm. Aging, Neuropsychology, and Cognition, 2011, 18, 620-631.	0.7	2
403	The time course of access to semantic information in high-performing older adults: Behavioral evidence for the hemispheric asymmetry reduction in OLDer individuals. Aging, Neuropsychology, and Cognition, 2011, 18, 452-470.	0.7	4
404	Cognitive aging and flight performances in general aviation pilots. Aging, Neuropsychology, and Cognition, 2011, 18, 544-561.	0.7	30
405	Anterior Cingulate Activation Is Related to a Positivity Bias and Emotional Stability in Successful Aging. Biological Psychiatry, 2011, 70, 131-137.	0.7	82
406	A Review of Functional Brain Imaging Correlates of Successful Cognitive Aging. Biological Psychiatry, 2011, 70, 115-122.	0.7	181
407	How the aging brain translates motivational incentive into action: The role of individual differences in striato-cortical white matter pathways. Developmental Cognitive Neuroscience, 2011, 1, 530-539.	1.9	8
408	Age-related alterations in the modular organization of structural cortical network by using cortical thickness from MRI. NeuroImage, 2011, 56, 235-245.	2.1	160
409	The effects of aging on material-independent and material-dependent neural correlates of contextual binding. Neurolmage, 2011, 57, 1192-1204.	2.1	44
410	Early onset of age-related changes on neural processing in rats. Physiology and Behavior, 2011, 103, 134-143.	1.0	4

#	Article	IF	CITATIONS
411	Age differences in neural distinctiveness revealed by multi-voxel pattern analysis. NeuroImage, 2011, 56, 736-743.	2.1	189
412	Interactive effects of physical activity and APOE-ε4 on BOLD semantic memory activation in healthy elders. NeuroImage, 2011, 54, 635-644.	2.1	100
413	Does compensatory neural activity survive old-old age?. NeuroImage, 2011, 54, 427-438.	2.1	28
414	Similarities in the patterns of prefrontal cortex activity during spatial and temporal context memory retrieval after equating for task structure and performance. NeuroImage, 2011, 54, 1549-1564.	2.1	15
415	ERP correlates of performance monitoring in elderly. Brain and Cognition, 2011, 76, 131-139.	0.8	28
416	Successful physiological aging and episodic memory: A brain stimulation study. Behavioural Brain Research, 2011, 216, 153-158.	1.2	64
417	Effects of aging on habituation to novelty: An ERP study. International Journal of Psychophysiology, 2011, 79, 97-105.	0.5	22
418	Motor asymmetry reduction in older adults. Neuroscience Letters, 2011, 489, 99-104.	1.0	74
419	Lifespan brain activity, β-amyloid, and Alzheimer's disease. Trends in Cognitive Sciences, 2011, 15, 520-526.	4.0	186
420	Functional magnetic resonance imaging as a dynamic candidate biomarker for Alzheimer's disease. Progress in Neurobiology, 2011, 95, 557-569.	2.8	53
421	Cortical control of unilateral simple movement in healthy aging. Neurobiology of Aging, 2011, 32, 524-538.	1.5	22
422	Memory activation in healthy nonagenarians. Neurobiology of Aging, 2011, 32, 515-523.	1.5	19
423	More is less: Emotion induced prefrontal cortex activity habituates in aging. Neurobiology of Aging, 2011, 32, 1634-1650.	1.5	28
424	Age-related reorganization of functional networks for successful conflict resolution: A combined functional and structural MRI study. Neurobiology of Aging, 2011, 32, 2075-2090.	1.5	31
425	Age-related dedifferentiation of learning systems: an fMRI study of implicit and explicit learning. Neurobiology of Aging, 2011, 32, 2318.e17-2318.e30.	1.5	151
426	Sex hormone therapy and functional brain plasticity in postmenopausal women. Neuroscience, 2011, 191, 118-128.	1.1	14
427	Aging and the Cerebral Microvasculature. , 2011, , 347-371.		3
428	Neuroplasticity, Aging, and Cognitive Function. , 2011, , 109-119.		16

ARTICLE IF CITATIONS Memory Changes and the Aging Brain., 2011, , 121-131. 9 429 Spatial Navigation Impairment in Healthy Aging and Alzheimer's Disease., 0, , . 431 Enduring Theoretical Themes in Psychological Aging., 2011, , 3-23. 12 Validating Age-Related Functional Imaging Changes in Verbal Working Memory with Acute Stroke. 1.1 Behavioural Neurology, 2011, 24, 187-199. Age-Related Changes in Electrophysiological and Neuropsychological Indices of Working Memory, 433 1.1 29 Attention Control, and Cognitive Flexibility. Frontiers in Psychology, 2011, 2, 190. Changes in Cortical Plasticity Across the Lifespan. Frontiers in Aging Neuroscience, 2011, 3, 5. 1.7 Evaluation of Central Auditory Discrimination Abilities in Older Adults. Frontiers in Aging 435 1.7 14 Neuroscience, 2011, 3, 6. Cardiorespiratory Fitness and Attentional Control in the Aging Brain. Frontiers in Human 436 1.0 116 Neuroscience, 2011, 4, 229. Brain Activity Patterns Uniquely Supporting Visual Feature Integration after Traumatic Brain Injury. 437 1.0 5 Frontiers in Human Neuroscience, 2011, 5, 164. Slowing Down: Age-Related Neurobiological Predictors of Processing Speed. Frontiers in 1.4 Neuroscience, 2011, 5, 25. Dementia and the Default Mode. Current Alzheimer Research, 2011, 8, 361-365. 439 0.7 38 Self-referencing enhances memory specificity with age.. Psychology and Aging, 2011, 26, 636-646. 440 1.4 Progressive and regressive developmental changes in neural substrates for face processing: testing 441 1.3 63 specific predictions of the Interactive Specialization account. Developmental Science, 2011, 14, 227-241. A Life Course Model of Cognitive Activities, Socioeconomic Status, Education, Reading Ability, and 442 1.3 Cognition. Journal of the American Geriatrics Society, 2011, 59, 1403-1411. Age differences in callosal contributions to cognitive processes. Neuropsychologia, 2011, 49, 443 0.7 38 2564-2569. Ageing affects event-related potentials and brain oscillations: A behavioral and electrophysiological 444 28 study using a haptic recognition memory task. Neuropsychologia, 2011, 49, 3967-3980. Aging and vision. Vision Research, 2011, 51, 1610-1622. 497 445 0.7 Age-related differences during simple working memory decisions: ERP indices of early recognition and 446 1.1 compensation failure. Brain Research, 2011, 1393, 62-72.

#	Article	IF	Citations
447	Understanding of spoken language under challenging listening conditions in younger and older listeners: A combined behavioral and electrophysiological study. Brain Research, 2011, 1415, 8-22.	1.1	32
448	The size of the anterior corpus callosum correlates with the strength of hemispheric encoding-retrieval asymmetry in the ventrolateral prefrontal cortex. Brain Research, 2011, 1419, 61-67.	1.1	15
449	Right hemispheric participation in semantic decision improves performance. Brain Research, 2011, 1419, 105-116.	1.1	31
450	Multisensory integration across the senses in young and old adults. Brain Research, 2011, 1426, 43-53.	1.1	109
451	Functional connectivity during recognition memory in individuals genetically at risk for Alzheimer's disease. Human Brain Mapping, 2013, 34, 530-542.	1.9	18
452	Background cerebral electrical activity in healthy mental aging. Human Physiology, 2011, 37, 559-567.	0.1	13
453	Development and Decline of Memory Functions in Normal, Pathological and Healthy Successful Aging. Brain Topography, 2011, 24, 323-339.	0.8	46
454	Characterizing Brain Cortical Plasticity and Network Dynamics Across the Age-Span in Health and Disease with TMS-EEG and TMS-fMRI. Brain Topography, 2011, 24, 302-315.	0.8	318
455	Age-related differences on event-related potentials and brain rhythm oscillations during working memory activation. Journal of Neural Transmission, 2011, 118, 945-955.	1.4	28
456	Aging reduces asymmetries in interlimb transfer of visuomotor adaptation. Experimental Brain Research, 2011, 210, 283-290.	0.7	60
457	Neurocognition of aging in working environments. Journal for Labour Market Research, 2011, 44, 307-320.	1.1	15
458	Network interactions explain effective encoding in the context of medial temporal damage in MCI. Human Brain Mapping, 2011, 32, 1277-1289.	1.9	13
459	Preserved hippocampus activation in normal aging as revealed by fMRI. Hippocampus, 2011, 21, 753-766.	0.9	50
460	Two Hemispheres for Better Memory in Old Age: Role of Executive Functioning. Journal of Cognitive Neuroscience, 2011, 23, 3767-3777.	1.1	31
461	Failure to Engage Spatial Working Memory Contributes to Age-related Declines in Visuomotor Learning. Journal of Cognitive Neuroscience, 2011, 23, 11-25.	1.1	150
462	Overrecruitment in the Aging Brain as a Function of Task Demands: Evidence for a Compensatory View. Journal of Cognitive Neuroscience, 2011, 23, 801-815.	1.1	88
463	Mechanisms Underlying Age- and Performance-related Differences in Working Memory. Journal of Cognitive Neuroscience, 2011, 23, 1298-1314.	1.1	120
464	Face Processing Changes in Normal Aging Revealed by fMRI Adaptation. Journal of Cognitive Neuroscience, 2011, 23, 3433-3447.	1.1	58

#	Article	IF	CITATIONS
465	Cognitive and neural contributors to emotion regulation in aging. Social Cognitive and Affective Neuroscience, 2011, 6, 165-176.	1.5	178
466	Plasticity in Early Alzheimer Disease. Topics in Geriatric Rehabilitation, 2011, 27, 257-267.	0.2	30
467	Contralateral Delay Activity Reveals Life-Span Age Differences in Top-Down Modulation of Working Memory Contents. Cerebral Cortex, 2011, 21, 2809-2819.	1.6	78
468	With Age Comes Wisdom. Psychological Science, 2011, 22, 1375-1380.	1.8	123
469	Functional MRI Evidence of an Abnormal Neural Network for Pitch Processing in Congenital Amusia. Cerebral Cortex, 2011, 21, 292-299.	1.6	185
470	Age-Related Changes in Right Middle Frontal Gyrus Volume Correlate with Altered Episodic Retrieval Activity. Journal of Neuroscience, 2011, 31, 17941-17954.	1.7	68
471	The Effects of Age, Memory Performance, and Callosal Integrity on the Neural Correlates of Successful Associative Encoding. Cerebral Cortex, 2011, 21, 2166-2176.	1.6	128
472	Alzheimer's disease. Network: Computation in Neural Systems, 2011, 22, 173-185.	2.2	5
473	Anatomical Correlates of Age-Related Working Memory Declines. Journal of Aging Research, 2011, 2011, 1-9.	0.4	38
474	Neuroanatomical Correlates of Cognitive Performance in Late Life. Dementia and Geriatric Cognitive Disorders, 2011, 32, 216-226.	0.7	12
475	The effect of age on human motor electrocorticographic signals and implications for brain–computer interface applications. Journal of Neural Engineering, 2011, 8, 046013.	1.8	15
476	Cognitive Health in Older Adults. Nurse Practitioner, 2011, 36, 24-34.	0.2	15
477	Harnessing neuroplasticity for clinical applications. Brain, 2011, 134, 1591-1609.	3.7	907
478	Load Modulation of BOLD Response and Connectivity Predicts Working Memory Performance in Younger and Older Adults. Journal of Cognitive Neuroscience, 2011, 23, 2030-2045.	1.1	137
479	Age-related changes in the appreciation of novel metaphoric semantic relations. Aging, Neuropsychology, and Cognition, 2011, 18, 527-543.	0.7	18
480	Motivational incentives modulate age differences in visual perception Psychology and Aging, 2011, 26, 932-939.	1.4	32
481	The Contribution of Set Switching and Working Memory to Sentence Processing in Older Adults. Experimental Aging Research, 2011, 37, 516-538.	0.6	39
482	Age Effects on Preattentive and Early Attentive Auditory Processing of Redundant Stimuli: Is Sensory Gating Affected by Physiological Aging?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2011, 66A, 1043-1053.	1.7	24

#	Article	IF	CITATIONS
483	Aerobic fitness and obesity: relationship to cerebral white matter integrity in the brain of active and sedentary older adults. British Journal of Sports Medicine, 2011, 45, 1208-1215.	3.1	124
484	Age-related differences in interhemispheric visuomotor integration measured by the redundant target effect Psychology and Aging, 2012, 27, 399-409.	1.4	12
485	Failure to Modulate Attentional Control in Advanced Aging Linked to White Matter Pathology. Cerebral Cortex, 2012, 22, 1038-1051.	1.6	68
486	Aging and emotion recognition: Not just a losing matter Psychology and Aging, 2012, 27, 940-950.	1.4	97
487	Event-related potentials and changes of brain rhythm oscillations during working memory activation in patients with first-episode psychosis. Journal of Psychiatry and Neuroscience, 2012, 37, 95-105.	1.4	18
488	Association of Social Engagement with Brain Volumes Assessed by Structural MRI. Journal of Aging Research, 2012, 2012, 1-9.	0.4	27
489	Reduced Gamma Frequency in the Medial Frontal Cortex of Aged Rats during Behavior and Rest: Implications for Age-Related Behavioral Slowing. Journal of Neuroscience, 2012, 32, 16331-16344.	1.7	35
490	Enhancing memory performance with rTMS in healthy subjects and individuals with Mild Cognitive Impairment: the role of the right dorsolateral prefrontal cortex. Frontiers in Human Neuroscience, 2012, 6, 62.	1.0	98
491	Cognitive dysfunction and obstructive sleep apnea. Current Opinion in Pulmonary Medicine, 2012, 18, 580-587.	1.2	42
492	Aging impairs intermediate-term behavioral memory by disrupting the dorsal paired medial neuron memory trace. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6319-6324.	3.3	44
493	Changes in diffusion path length with old age in diffuse optical tomography. Journal of Biomedical Optics, 2012, 17, 056002.	1.4	20
494	Reduced Specificity of Hippocampal and Posterior Ventrolateral Prefrontal Activity during Relational Retrieval in Normal Aging. Journal of Cognitive Neuroscience, 2012, 24, 159-170.	1.1	52
495	Age-Related Changes in the Neurophysiology of Language in Adults: Relationship to Regional Cortical Thinning and White Matter Microstructure. Journal of Neuroscience, 2012, 32, 12204-12213.	1.7	23
496	Increased postsynaptic density protein-95 expression in the frontal cortex of aged cognitively impaired rats. Experimental Biology and Medicine, 2012, 237, 1331-1340.	1.1	18
497	The Effects of Aging on Material-Independent and Material-Dependent Neural Correlates of Source Memory Retrieval. Cerebral Cortex, 2012, 22, 37-50.	1.6	61
498	Age-related changes to the neural correlates of social evaluation. Social Neuroscience, 2012, 7, 552-564.	0.7	16
499	The Effect of Education on Age-Related Changes in Three Cognitive Domains: A Cross-Sectional Study in Primary Care. Applied Neuropsychology Adult, 2012, 19, 287-298.	0.7	12
500	The Effect of Three Months of Aerobic Training on Stroop Performance in Older Adults. Journal of Aging Research, 2012, 2012, 1-7.	0.4	50

#	Article	IF	CITATIONS
501	Motor Control and Neural Plasticity through Interhemispheric Interactions. Neural Plasticity, 2012, 2012, 1-13.	1.0	125
502	1142â€The neural basis of impaired self-awareness after traumatic brain injury. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, e1.112-e1.	0.9	1
503	AÂ Deposition in Aging Is Associated with Increases in Brain Activation during Successful Memory Encoding. Cerebral Cortex, 2012, 22, 1813-1823.	1.6	126
504	Corpus callosum in aging and neurodegenerative diseases. Neurodegenerative Disease Management, 2012, 2, 493-502.	1.2	10
505	Habit and recollection in healthy aging, mild cognitive impairment, and Alzheimer's disease Neuropsychology, 2012, 26, 517-533.	1.0	14
506	Normal aging modulates prefrontoparietal networks underlying multiple memory processes. European Journal of Neuroscience, 2012, 36, 3559-3567.	1.2	26
507	Prefrontal cortex cytoarchitecture in normal aging and Alzheimer's disease: a relationship with IQ. Brain Structure and Function, 2012, 217, 797-808.	1.2	58
508	Memory encoding and aging: A neurocognitive perspective. Neuroscience and Biobehavioral Reviews, 2012, 36, 1729-1739.	2.9	222
509	Lifespan age differences in working memory: A two-component framework. Neuroscience and Biobehavioral Reviews, 2012, 36, 2007-2033.	2.9	120
510	Does subjective sleep affect cognitive function in healthy elderly subjects? The Proof cohort. Sleep Medicine, 2012, 13, 1146-1152.	0.8	71
511	Influence of age on the dynamics of fMRI activations during a semantic fluency task. Journal of Neuroradiology, 2012, 39, 158-166.	0.6	21
512	Task- and Strategy-driven Neurofunctional Reorganization for Verbal Fluency in Normal Aging. Procedia, Social and Behavioral Sciences, 2012, 61, 127-128.	0.5	0
513	Effects of Age on the Structure of Functional Connectivity Networks During Episodic and Working Memory Demand. Brain Connectivity, 2012, 2, 113-124.	0.8	25
514	Resting-state fMRI as a biomarker for Alzheimer's disease?. Alzheimer's Research and Therapy, 2012, 4, 8.	3.0	72
515	Heterogeneity in memory training improvement among older adults: A latent class analysis. Memory, 2012, 20, 554-567.	0.9	15
516	Age-related Neural Reorganization during Spoken Word Recognition: The Interaction of Form and Meaning. Journal of Cognitive Neuroscience, 2012, 24, 1434-1446.	1.1	22
517	MRI predictors of cognitive change in a diverse and carefully characterized elderly population. Neurobiology of Aging, 2012, 33, 83-95.e2.	1.5	94
518	Age-related decline in white matter tract integrity and cognitive performance: A DTI tractography and structural equation modeling study. Neurobiology of Aging, 2012, 33, 21-34.	1.5	274

#	Article	IF	CITATIONS
519	Age-related changes in processing faces from detection to identification: ERP evidence. Neurobiology of Aging, 2012, 33, 206.e1-206.e28.	1.5	60
520	Education, occupation, leisure activities, and brain reserve: a population-based study. Neurobiology of Aging, 2012, 33, 423.e15-423.e25.	1.5	190
521	Aging-related changes of neural mechanisms underlying visual-spatial working memory. Neurobiology of Aging, 2012, 33, 1284-1297.	1.5	44
522	Measuring the impact of exercise on cognitive aging: methodological issues. Neurobiology of Aging, 2012, 33, 622.e29-622.e43.	1.5	105
523	Local brain atrophy accounts for functional activity differences in normal aging. Neurobiology of Aging, 2012, 33, 623.e1-623.e13.	1.5	83
524	Functional connectivity tracks clinical deterioration in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 828.e19-828.e30.	1.5	424
525	Healthy aging attenuates task-related specialization in the human medial temporal lobe. Neurobiology of Aging, 2012, 33, 1874-1889.	1.5	22
526	Development of large-scale functional networks over the lifespan. Neurobiology of Aging, 2012, 33, 2411-2421.	1.5	15
527	A simultaneous ERP/fMRI investigation of the P300 aging effect. Neurobiology of Aging, 2012, 33, 2448-2461.	1.5	96
528	Acute moderate exercise enhances compensatory brain activation in older adults. Neurobiology of Aging, 2012, 33, 2621-2632.	1.5	184
529	Memory monitoring performance and PFC activity are associated with 5-HTTLPR genotype in older adults. Neuropsychologia, 2012, 50, 2257-2270.	0.7	17
530	Auditory orienting and inhibition of return in schizophrenia: A functional magnetic resonance imaging study. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2012, 37, 161-168.	2.5	7
531	Where Is ELSA? The Early to Late Shift in Aging. Cerebral Cortex, 2012, 22, 2542-2553.	1.6	58
532	Empirical mode decomposition based detrended sample entropy in electroencephalography for Alzheimer's disease. Journal of Neuroscience Methods, 2012, 210, 230-237.	1.3	43
533	Age-related changes of task-specific brain activity in normal aging. Neuroscience Letters, 2012, 507, 78-83.	1.0	34
534	New scanner data for brand marketers: How neuroscience can help better understand differences in brand preferences. Journal of Consumer Psychology, 2012, 22, 143-153.	3.2	120
535	Recollection training and transfer effects in Alzheimer's disease: Effectiveness of the repetition-lag procedure. Brain and Cognition, 2012, 78, 169-177.	0.8	34
536	Functional magnetic resonance imaging of semantic memory as a presymptomatic biomarker of Alzheimer's disease risk. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 442-456.	1.8	31

# 537	ARTICLE The prefrontal cortex is required for incidental encoding but not recollection of source information in rodents. Behavioural Brain Research, 2012, 232, 77-83.	IF 1.2	Citations
538	Neural correlates of source memory retrieval in young, middle-aged and elderly adults. Biological Psychology, 2012, 90, 33-49.	1.1	23
539	Elderly adults through compensatory responses can be just as capable as young adults in inhibiting the flanker influence. Biological Psychology, 2012, 90, 113-126.	1.1	48
540	Do age-related changes contribute to the flanker effect?. Clinical Neurophysiology, 2012, 123, 960-972.	0.7	32
541	To predict or not to predict: Age-related differences in the use of sentential context Psychology and Aging, 2012, 27, 975-988.	1.4	96
542	Spatial patterns of intrinsic neural activity in depressed patients with vascular risk factors as revealed by the amplitude of low-frequency fluctuation. Brain Research, 2012, 1483, 82-88.	1.1	13
543	Individual differences in cognitive style and strategy predict similarities in the patterns of brain activity between individuals. NeuroImage, 2012, 59, 83-93.	2.1	123
544	Calibrated fMRI during a cognitive Stroop task reveals reduced metabolic response with increasing age. NeuroImage, 2012, 59, 1143-1151.	2.1	73
545	Decoding episodic memory in ageing: A Bayesian analysis of activity patterns predicting memory. NeuroImage, 2012, 59, 1772-1782.	2.1	43
546	Similar behaviour, different brain patterns: Age-related changes in neural signatures of ignoring. NeuroImage, 2012, 59, 4113-4125.	2.1	8
547	Effects of normal aging on event-related potentials and oscillatory brain activity during a haptic repetition priming task. Neurolmage, 2012, 60, 7-20.	2.1	24
548	Adjusting for global effects in voxel-based morphometry: Gray matter decline in normal aging. Neurolmage, 2012, 60, 1503-1516.	2.1	166
549	Which "neural activity―do you mean? fMRI, MEG, oscillations and neurotransmitters. Neurolmage, 2012, 62, 1121-1130.	2.1	123
550	Age effects on the P300 potential and the corresponding fMRI BOLD-signal. NeuroImage, 2012, 60, 2027-2034.	2.1	39
551	Effects of semantic relatedness on age-related associative memory deficits: The role of theta oscillations. Neurolmage, 2012, 61, 1235-1248.	2.1	37
552	Cognitive reserve impacts on inter-individual variability in resting-state cerebral metabolism in normal aging. Neurolmage, 2012, 63, 713-722.	2.1	86
553	Network-specific effects of age and in-scanner subject motion: A resting-state fMRI study of 238 healthy adults. NeuroImage, 2012, 63, 1364-1373.	2.1	134
554	Case-Based Reasoning. , 2012, , 509-509.		0

#	Article	IF	CITATIONS
555	Human prefrontal cortex. Progress in Brain Research, 2012, 195, 191-218.	0.9	274
556	Cross-cultural Training. , 2012, , 855-858.		0
557	Reserve, Brain Changes, and Decline. Neuroimaging Clinics of North America, 2012, 22, 99-105.	0.5	38
558	Creative Problem Solving. , 2012, , 838-838.		0
560	Risky decision-making in older adults without cognitive deficits: An fMRI study of VMPFC using the Iowa Gambling Task. Social Neuroscience, 2012, 7, 178-190.	0.7	37
561	Differential working memory correlates for implicit sequence performance in young and older adults. Experimental Brain Research, 2012, 221, 467-477.	0.7	33
562	Organisation of executive functions: Hemispheric asymmetries. Journal of Cognitive Psychology, 2012, 24, 367-386.	0.4	64
563	From Children to Adults: Motor Performance across the Life-Span. PLoS ONE, 2012, 7, e38830.	1.1	75
564	The effects of age on cerebral activations: internally versus externally driven processes. Frontiers in Aging Neuroscience, 2012, 4, 4.	1.7	36
565	Age-Related Influences of Prior Sleep on Brain Activation during Verbal Encoding. Frontiers in Neurology, 2012, 3, 49.	1.1	15
566	Verbal to visual code switching improves working memory in older adults: an fMRI study. Frontiers in Human Neuroscience, 2012, 6, 24.	1.0	19
567	Dynamic Functional Reorganizations and Relationship with Working Memory Performance in Healthy Aging. Frontiers in Human Neuroscience, 2012, 6, 152.	1.0	44
568	The influence of executive capacity on selective attention and subsequent processing. Frontiers in Human Neuroscience, 2012, 6, 167.	1.0	8
569	Recent and Past Musical Activity Predicts Cognitive Aging Variability: Direct Comparison with General Lifestyle Activities. Frontiers in Human Neuroscience, 2012, 6, 198.	1.0	107
570	Age-Based Differences in Strategy Use in Choice Tasks. Frontiers in Neuroscience, 2012, 5, 145.	1.4	58
571	Naming Ability Changes in Physiological and Pathological Aging. Frontiers in Neuroscience, 2012, 6, 120.	1.4	17
573	From Neuroplasticity to Scaffolding. International Journal of User-Driven Healthcare, 2012, 2, 24-43.	0.1	3
574	Confucian Educational Philosophy and Its Implication for Lifelong Learning. , 2012, , 762-766.		3

#	Article	IF	CITATIONS
575	Effect of Disease Severity on Neural Compensation of Item and Associative Recognition in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2012, 29, 109-123.	1.2	47
576	Images of the Cognitive Brain Across Age and Culture. , 0, , .		3
577	Scale, Scope and Cognition: Context Analysis of Multiple Stated Choice Experiments on the Values of Life and Limb. SSRN Electronic Journal, 0, , .	0.4	1
578	The cognitive neuroscience of ageing. Nature Reviews Neuroscience, 2012, 13, 491-505.	4.9	1,043
579	Effect of Mild Cognitive Impairment and APOE Genotype on Resting Cerebral Blood Flow and its Association with Cognition. Journal of Cerebral Blood Flow and Metabolism, 2012, 32, 1589-1599.	2.4	65
580	Age differences in simulated driving performance: Compensatory processes. Accident Analysis and Prevention, 2012, 45, 660-668.	3.0	87
581	It was the best of times, it was the worst of times: A psychophysiologist's view of cognitive aging. Psychophysiology, 2012, 49, 283-304.	1.2	149
582	Neurofunctional (re)organization underlying narrative discourse processing in aging: Evidence from fNIRS. Brain and Language, 2012, 121, 174-184.	0.8	12
583	Contribution of NIRS to the study of prefrontal cortex for verbal fluency in aging. Brain and Language, 2012, 121, 164-173.	0.8	53
584	Thinking ahead or not? Natural aging and anticipation during reading. Brain and Language, 2012, 121, 226-239.	0.8	93
585	Transcranial brain stimulation studies of episodic memory in young adults, elderly adults and individuals with memory dysfunction: A review. Brain Stimulation, 2012, 5, 103-109.	0.7	73
586	Aberrant default mode network in subjects with amnestic mild cognitive impairment using resting-state functional MRI. Magnetic Resonance Imaging, 2012, 30, 48-61.	1.0	69
587	A preliminary study of functional abnormalities in aMCI subjects during different episodic memory tasks. Magnetic Resonance Imaging, 2012, 30, 459-470.	1.0	23
588	Both left and right posterior parietal activations contribute to compensatory processes in normal aging. Neuropsychologia, 2012, 50, 55-66.	0.7	85
589	Social economic decision-making across the lifespan: An fMRI investigation. Neuropsychologia, 2012, 50, 1416-1424.	0.7	64
590	Reduced motor asymmetry in older adults when manually tracing paths. Experimental Brain Research, 2012, 217, 35-41.	0.7	27
591	The effects of aging on the asymmetry of inter-limb transfer in a visuomotor task. Experimental Brain Research, 2013, 229, 621-633.	0.7	15
592	Inter-limb transfer of ballistic motor skill following non-dominant limb training in young and older adults. Experimental Brain Research, 2013, 227, 19-29.	0.7	36

#	Article	IF	CITATIONS
593	Mental images across the adult lifespan: a behavioural and fMRI investigation of motor execution and motor imagery. Experimental Brain Research, 2013, 224, 519-540.	0.7	67
594	Reassessing the HAROLD model: Is the hemispheric asymmetry reduction in older adults a special case of compensatory-related utilisation of neural circuits?. Experimental Brain Research, 2013, 224, 393-410.	0.7	115
595	Much of late life cognitive decline is not due to common neurodegenerative pathologies. Annals of Neurology, 2013, 74, 478-489.	2.8	272
596	Age-related neural correlates of cognitive task performance under increased postural load. Age, 2013, 35, 2111-2124.	3.0	22
597	Age-related changes in parietal lobe activation during an episodic memory retrieval task. Journal of Neural Transmission, 2013, 120, 799-806.	1.4	8
598	Age-related laterality shifts in auditory and attention networks with normal ageing: Effects on a working memory task. Neurology Psychiatry and Brain Research, 2013, 19, 180-191.	2.0	12
599	From perception to memory: Changes in memory systems across the lifespan. Neuroscience and Biobehavioral Reviews, 2013, 37, 2258-2267.	2.9	60
600	Differential effects of aging on the neural correlates of recollection and familiarity. Cortex, 2013, 49, 1585-1597.	1.1	53
601	Normal Cognitive Aging. Clinics in Geriatric Medicine, 2013, 29, 737-752.	1.0	1,377
602	Foreign language training as cognitive therapy for age-related cognitive decline: A hypothesis for future research. Neuroscience and Biobehavioral Reviews, 2013, 37, 2689-2698.	2.9	144
603	Age-related differences in memory-encoding fMRI responses after accounting for decline in vascular reactivity. NeuroImage, 2013, 78, 415-425.	2.1	92
604	Functional alteration patterns of default mode networks: comparisons of normal aging, amnestic mild cognitive impairment and Alzheimer's disease. European Journal of Neuroscience, 2013, 37, 1916-1924.	1.2	57
605	Figural memory performance and functional magnetic resonance imaging activity across the adult lifespan. Neurobiology of Aging, 2013, 34, 110-127.	1.5	7
606	Tracking the Course of Hippocampal Representations during Learning: When Is the Map Required?. Journal of Neuroscience, 2013, 33, 3094-3106.	1.7	35
607	Lifelong bilingualism contributes to cognitive reserve against white matter integrity declines in aging. Neuropsychologia, 2013, 51, 2841-2846.	0.7	152
608	Is there a cerebellar compensatory effort in first-episode, treatment-naive major depressive disorder at rest?. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 46, 13-18.	2.5	82
609	Using Neuroimaging to Inform Clinical Practice for the Diagnosis and Treatment of Mild Cognitive Impairment. Clinics in Geriatric Medicine, 2013, 29, 829-845.	1.0	7
610	Dysfunctional and compensatory duality in mild cognitive impairment during a continuous recognition memory task. International Journal of Psychophysiology, 2013, 87, 95-102.	0.5	17

#	Article	IF	CITATIONS
611	Age-related differences in enhancement and suppression of neural activity underlying selective attention in matched young and old adults. Brain Research, 2013, 1499, 69-79.	1.1	28
612	Age-related dedifferentiation and compensatory changes in the functional network underlying face processing. Neurobiology of Aging, 2013, 34, 2759-2767.	1.5	58
613	Lower cognitive reserve in the aging human immunodeficiency virus-infected brain. Neurobiology of Aging, 2013, 34, 1240-1253.	1.5	54
614	Frontal function and executive processing in older adults: Process and region specific age-related longitudinal functional changes. NeuroImage, 2013, 69, 43-50.	2.1	29
615	Diminished joint coordination with aging leads to more variable hand paths. Human Movement Science, 2013, 32, 768-784.	0.6	17
616	Functional and structural aging of the speech sensorimotor neural system: functional magnetic resonance imaging evidence. Neurobiology of Aging, 2013, 34, 1935-1951.	1.5	29
617	Neural correlates of conceptual object priming in young and older adults: an event-related functional magnetic resonance imaging study. Neurobiology of Aging, 2013, 34, 1254-1264.	1.5	37
618	Effects of age on negative BOLD signal changes in the primary somatosensory cortex. NeuroImage, 2013, 71, 10-18.	2.1	26
619	Does age increase auditory distraction? Electrophysiological correlates of high andÂlow performance in seniors. Neurobiology of Aging, 2013, 34, 1952-1962.	1.5	41
620	An fMRI study of episodic encoding across the lifespan: Changes in subsequent memory effects are evident by middle-age. Neuropsychologia, 2013, 51, 448-456.	0.7	75
621	The applied value of collaborative memory research in aging: Behavioral and neural considerations Journal of Applied Research in Memory and Cognition, 2013, 2, 107-117.	0.7	30
622	Early Prefrontal Activation As a Mechanism to Prevent Forgetting in the Context of Interference. American Journal of Geriatric Psychiatry, 2013, 21, 580-588.	0.6	5
623	Aging effects on functional auditory and visual processing using fMRI with variable sensory loading. Cortex, 2013, 49, 1304-1313.	1.1	46
624	Neuroimaging findings in schizotypal personality disorder: A systematic review. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 43, 96-107.	2.5	40
625	Abnormal resting-state cerebellar–cerebral functional connectivity in treatment-resistant depression and treatment sensitive depression. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2013, 44, 51-57.	2.5	160
627	Altered Effective Connectivity of the Default Mode Network in Resting-State Amnestic Type Mild Cognitive Impairment. Journal of the International Neuropsychological Society, 2013, 19, 400-409.	1.2	37
628	Compensatory networks to counteract the effects of ageing on language. Behavioural Brain Research, 2013, 249, 22-27.	1.2	21
629	Epilepsy, behavior, and art (Epilepsy, Brain, and Mind, part 1). Epilepsy and Behavior, 2013, 28, 261-282.	0.9	19

#	Article	IF	CITATIONS
630	Is a lone right hemisphere enough? Neurolinguistic architecture in a case with a very early left hemispherectomy. Neurocase, 2013, 19, 209-231.	0.2	24
631	Association between prefrontal activity and volume change in prefrontal and medial temporal lobes in aging and dementia: A review. Ageing Research Reviews, 2013, 12, 479-489.	5.0	117
632	Sustained attention in the elderly: What do we know and what does it tell us about cognitive aging?. Ageing Research Reviews, 2013, 12, 459-468.	5.0	65
633	Age-related changes in the somatosensory processing of tactile stimulation—An fMRI study. Behavioural Brain Research, 2013, 238, 259-264.	1.2	60
634	A fNIRS investigation of switching and inhibition during the modified Stroop task in younger and older adults. NeuroImage, 2013, 64, 485-495.	2.1	64
635	Visual dominance and multisensory integration changes with age. NeuroImage, 2013, 65, 152-166.	2.1	96
636	APOE e4 polymorphism in young adults is associated with improved attention and indexed by distinct neural signatures. Neurolmage, 2013, 65, 364-373.	2.1	87
637	Neural correlates of executive functions in healthy G2019S LRRK2 mutation carriers. Cortex, 2013, 49, 2501-2511.	1.1	42
638	Preserved Working Memory and Altered Brain Activation in Persons at Risk for Psychosis. American Journal of Psychiatry, 2013, 170, 1297-1307.	4.0	27
639	The Effects of Semantic Context and the Type and Amount of Acoustic Distortion on Lexical Decision by Younger and Older Adults. Journal of Speech, Language, and Hearing Research, 2013, 56, 1715-1732.	0.7	30
640	Temporally specific divided attention tasks in young adults reveal the temporal dynamics of episodic encoding failures in elderly adults Psychology and Aging, 2013, 28, 443-456.	1.4	10
641	Age-Related Differences in Prefrontal Cortex Activity during Retrieval Monitoring: Testing the Compensation and Dysfunction Accounts. Cerebral Cortex, 2013, 23, 1049-1060.	1.6	64
642	Neurovascular coupling, cerebral white matter integrity, and response to cocoa in older people. Neurology, 2013, 81, 904-909.	1.5	113
643	Age-Related Changes in Listening Effort for Various Types of Masker Noises. Ear and Hearing, 2013, 34, 261-272.	1.0	140
644	Retrieval Expectations Affect False Recollection: Insights From a Criterial Recollection Task. Current Directions in Psychological Science, 2013, 22, 316-323.	2.8	29
645	Changes in Plasticity Across the Lifespan. Progress in Brain Research, 2013, 207, 91-120.	0.9	102
646	Brain imaging and human nutrition: which measures to use in intervention studies?. British Journal of Nutrition, 2013, 110, S1-S30.	1.2	50
647	Time-Frequency Bands of Electromagnetic Wave from ERPCOH on Developmental Changes. Applied Mechanics and Materials, 0, 479-480, 517-523.	0.2	Ο
ARTICLE IF CITATIONS A Geneâ€"Brainâ€"Cognition Pathway: Prefrontal Activity Mediates the Effect of COMT on Cognitive 44 648 1.6 Control and IQ. Cerebral Cortex, 2013, 23, 552-559. Physical Exercise and Brain Functions in Older Adults. Journal of Aging Research, 2013, 2013, 1-2. 649 0.4 49 Early and Late Shift of Brain Laterality in STG, HG, and Cerebellum with Normal Aging during a 650 2 1.5 Short-Term Memory Task. ISRN Neurology, 2013, 2013, 1-13. Effects of Age and Cardiovascular Disease on Selective Attention. Cardiovascular Psychiatry and 0.8 Neurology, 2013, 2013, 1-7. Development and Initial Testing of Functional Task Exercise on Older Adults with Cognitive Impairment at Risk of Alzheimer's Disease – FcTSim Programme – A Feasibility Study. Occupational 652 0.3 12 Therapy International, 2013, 20, 185-197. Normal Aging Delays and Compromises Early Multifocal Visual Attention during Object Tracking. Journal of Cognitive Neuroscience, 2013, 25, 188-202. 1.1 Performance of younger and older adults in lateralised right and left hemisphere asymmetry tasks 654 0.5 21 supports the HAROLD model. Laterality, 2013, 18, 491-512. Brain Characteristics of Individuals Resisting Age-Related Cognitive Decline over Two Decades. 1.7 Journal of Neuroscience, 2013, 33, 8668-8677 Rapid Functional Reorganization in Human Cortex Following Neural Perturbation. Journal of 656 1.7 14 Neuroscience, 2013, 33, 16268-16274. Functional role of left PMd and left M1 during preparation and execution of left hand movements in older adults. Journal of Neurophysiology, 2013, 110, 1062-1069. Interhemispheric coupling improves the brain's ability to perform low cognitive demand tasks in Alzheimer's disease and high cognitive demand tasks in normal aging.. Neuropsychology, 2013, 27, 658 1.0 10 464-480. Functional Imaging of Primary Insomnia: New Images and Fresh Opportunities. Sleep, 2013, 36, 1273-1274. 659 0.6 660 Age-Related Decline in Working Memory and Episodic Memory., 2013, , . 6 Cognitive Training Improves Sleep Quality and Cognitive Function among Older Adults with Insomnia. PLoS ONE, 2013, 8, e61390. 1.1 The Relationship between P3 Amplitude and Working Memory Performance Differs in Young and Older 662 77 1.1 Adults. PLoS ONE, 2013, 8, e63701. How Skill Expertise Shapes the Brain Functional Architecture: An fMRI Study of Visuo-Spatial and 1.1 Motor Processing in Professional Racing-Car and Naà ve Drivers. PLoS ONE, 2013, 8, e77764. Differential Contributions of Dorso-Ventral and Rostro-Caudal Prefrontal White Matter Tracts to 664 1.1 15 Cognitive Control in Healthy Older Adults. PLoS ONE, 2013, 8, e81410. Episodic Memory., 2013,,.

CITATION REPORT

#

#	Article	IF	CITATIONS
666	Bimanual Motor Coordination in Older Adults Is Associated with Increased Functional Brain Connectivity – A Graph-Theoretical Analysis. PLoS ONE, 2013, 8, e62133.	1.1	43
667	Age-related vulnerability in the neural systems supporting semantic processing. Frontiers in Aging Neuroscience, 2013, 5, 46.	1.7	21
668	The Cognitive Aging of Episodic Memory: A View Based on the Event-Related Brain Potential. Frontiers in Behavioral Neuroscience, 2013, 7, 111.	1.0	58
669	Upregulation of cognitive control networks in older adults' speech comprehension. Frontiers in Systems Neuroscience, 2013, 7, 116.	1.2	96
670	Stability of Auditory Discrimination and Novelty Processing in Physiological Aging. Behavioural Neurology, 2013, 27, 193-200.	1.1	6
671	Applying the Bispectral Analysis on Widespread Diffuse Cross-Frequency Interactive Effects. Journal of Medical Engineering, 2013, 2013, 1-4.	1.1	0
673	Functional imaging of inter-individual differences in response to sleep deprivation. , 2013, , 154-162.		8
674	P300 Development across the Lifespan: A Systematic Review and Meta-Analysis. PLoS ONE, 2014, 9, e87347.	1.1	324
675	Untreated Sleep-Disordered Breathing: Links to Aging-Related Decline in Sleep-Dependent Memory Consolidation. PLoS ONE, 2014, 9, e85918.	1.1	39
676	The Relevance of Short-Range Fibers to Cognitive Efficiency and Brain Activation in Aging and Dementia. PLoS ONE, 2014, 9, e90307.	1.1	37
677	Neural Correlates Associated with Successful Working Memory Performance in Older Adults as Revealed by Spatial ICA. PLoS ONE, 2014, 9, e99250.	1.1	13
678	Effect of Parietal Transcranial Magnetic Stimulation on Spatial Working Memory in Healthy Elderly Persons - Comparison of Near Infrared Spectroscopy for Young and Elderly. PLoS ONE, 2014, 9, e102306.	1.1	16
679	Gait Velocity Is an Indicator of Cognitive Performance in Healthy Middle-Aged Adults. PLoS ONE, 2014, 9, e103211.	1.1	9
680	Language Development across the Life Span: A Neuropsychological/Neuroimaging Perspective. Neuroscience Journal, 2014, 2014, 1-21.	2.3	55
681	Vascular Functions and Brain Integrity in Midlife: Effects of Obesity and Metabolic Syndrome. Advances in Vascular Medicine, 2014, 2014, 1-7.	0.5	4
682	Measurable benefits on brain activity from the practice of educational leisure. Frontiers in Aging Neuroscience, 2014, 6, 40.	1.7	3
683	Neuroimaging explanations of age-related differences in task performance. Frontiers in Aging Neuroscience, 2014, 6, 46.	1.7	21
684	Preserved fine-tuning of face perception and memory: evidence from the own-race bias in high- and low-performing older adults. Frontiers in Aging Neuroscience, 2014, 6, 60.	1.7	15

#	Article	IF	CITATIONS
685	Age-related changes to the neural correlates of working memory which emerge after midlife. Frontiers in Aging Neuroscience, 2014, 6, 70.	1.7	15
686	Differential effects of motor cortical excitability and plasticity in young and old individuals: a Transcranial Magnetic Stimulation (TMS) study. Frontiers in Aging Neuroscience, 2014, 6, 111.	1.7	55
687	Cognitive reserve is associated with the functional organization of the brain in healthy aging: a MEG study. Frontiers in Aging Neuroscience, 2014, 6, 125.	1.7	29
688	Aging induced loss of complexity and dedifferentiation: consequences for coordination dynamics within and between brain, muscular and behavioral levels. Frontiers in Aging Neuroscience, 2014, 6, 140.	1.7	94
689	A systematic review of type 2 diabetes mellitus and hypertension in imaging studies of cognitive aging: time to establish new norms. Frontiers in Aging Neuroscience, 2014, 6, 148.	1.7	35
690	Age-Related Changes in Motor Cortical Representation and Interhemispheric Interactions: A Transcranial Magnetic Stimulation Study. Frontiers in Aging Neuroscience, 2014, 6, 209.	1.7	38
691	Improved cerebral oxygenation response and executive performance as a function of cardiorespiratory fitness in older women: a fNIRS study. Frontiers in Aging Neuroscience, 2014, 6, 272.	1.7	52
692	Spread of activation and deactivation in the brain: does age matter?. Frontiers in Aging Neuroscience, 2014, 6, 288.	1.7	14
693	Combined frontal and parietal P300 amplitudes indicate compensated cognitive processing across the lifespan. Frontiers in Aging Neuroscience, 2014, 6, 294.	1.7	68
694	Motor and cognitive changes in normal aging. Frontiers in Aging Neuroscience, 2014, 6, 331.	1.7	2
695	Age-related Differences in the Neural Bases of Phonological and Semantic Processes. Journal of Cognitive Neuroscience, 2014, 26, 2798-2811.	1.1	32
696	Central adiposity and the functional magnetic resonance imaging response to cognitive challenge. International Journal of Obesity, 2014, 38, 1193-1199.	1.6	24
697	Moving toward a neuroplasticity view of bilingualism, executive control, and aging. Applied Psycholinguistics, 2014, 35, 857-894.	0.8	180
698	Effects of Beta-Amyloid on Resting State Functional Connectivity Within and Between Networks Reflect Known Patterns of Regional Vulnerability. Cerebral Cortex, 2016, 26, bhu259.	1.6	85
699	Cognitive Style as Environmentally Sensitive Individual Differences in Cognition. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2014, 15, 3-33.	6.7	131
700	Neuroscience research on aging and implications for counseling psychology Journal of Counseling Psychology, 2014, 61, 534-540.	1.4	7
701	Motor Activity in Aging: An Integrated Approach for Better Quality of Life. International Scholarly Research Notices, 2014, 2014, 1-9.	0.9	3
702	Exaggerated reaction to novelty as a subclinical consequence of mild traumatic brain injury. Brain Injury, 2014, 28, 972-979.	0.6	7

#	Article	IF	CITATIONS
703	Is Verbal Episodic Memory in Elderly with Amyloid Deposits Preserved Through Altered Neuronal Function?. Cerebral Cortex, 2014, 24, 2210-2218.	1.6	36
704	Training-induced cerebral changes in the elderly. Restorative Neurology and Neuroscience, 2014, 32, 213-221.	0.4	12
705	Brain and Language: Evidence for Neural Multifunctionality. Behavioural Neurology, 2014, 2014, 1-16.	1.1	23
706	Deception detection, transmission, and modality in age and sex. Frontiers in Psychology, 2014, 5, 590.	1.1	23
707	Deficits in Process-Specific Prefrontal and Hippocampal Activations Contribute to Adult Age Differences in Episodic Memory Interference. Cerebral Cortex, 2014, 24, 1832-1844.	1.6	38
708	The Effect of Middle Age on the Late Positive Component of the Auditory Event-Related Potential. Journal of the American Academy of Audiology, 2014, 25, 199-209.	0.4	17
709	Cognitive decline and brain pathology in aging – need for a dimensional, lifespan and systems vulnerability view. Scandinavian Journal of Psychology, 2014, 55, 244-254.	0.8	42
710	Behavioral and neural correlates of imagined walking and walkingâ€whileâ€ŧalking in the elderly. Human Brain Mapping, 2014, 35, 4090-4104.	1.9	79
711	Time Benders: A Model of Subjective Aging in Aging Adults. Health Marketing Quarterly, 2014, 31, 383-398.	0.6	7
712	The Cambridge Centre for Ageing and Neuroscience (Cam-CAN) study protocol: a cross-sectional, lifespan, multidisciplinary examination of healthy cognitive ageing. BMC Neurology, 2014, 14, 204.	0.8	430
713	Functional disorganization of small-world brain networks in mild Alzheimer's Disease and amnestic Mild Cognitive Impairment: an EEG study using Relative Wavelet Entropy (RWE). Frontiers in Aging Neuroscience, 2014, 6, 224.	1.7	87
714	Transcranial Direct Current Stimulation and Cognition in the Elderly. , 2014, , 371-395.		4
715	Clinical and Cognitive Correlates of Structural Hippocampal Change in "At-Risk―Older Adults. Journal of Geriatric Psychiatry and Neurology, 2014, 27, 67-76.	1.2	14
716	Human Imaging Studies of Brain Circuitry Disrupted by Alcoholism. , 2014, , 131-151.		2
717	Neural correlates of a standardized version of the trail making test in young and elderly adults: A functional near-infrared spectroscopy study. Neuropsychologia, 2014, 56, 271-279.	0.7	51
718	Age-related variability in performance of a motor action selection task is related to differences in brain function and structure among older adults. NeuroImage, 2014, 86, 326-334.	2.1	33
719	Correspondence of executive function related functional and anatomical alterations in aging brain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 48, 41-50.	2.5	55
720	Representational Pseudoneglect: A Review. Neuropsychology Review, 2014, 24, 148-165.	2.5	64

#	Article	IF	CITATIONS
721	Metabolic changes in the anterior and posterior cingulate cortices of the normal aging brain: proton magnetic resonance spectroscopy study at 3ÂT. Age, 2014, 36, 251-264.	3.0	46
722	Age-related differences in the neural correlates mediating false recollection. Neurobiology of Aging, 2014, 35, 395-407.	1.5	68
723	A review of physical and cognitive interventions in aging. Neuroscience and Biobehavioral Reviews, 2014, 44, 206-220.	2.9	295
724	What is normal in normal aging? Effects of aging, amyloid and Alzheimer's disease on the cerebral cortex and the hippocampus. Progress in Neurobiology, 2014, 117, 20-40.	2.8	608
725	Changes in whole-brain functional networks and memory performance in aging. Neurobiology of Aging, 2014, 35, 2193-2202.	1.5	124
726	Age-related functional reorganization, structural changes, and preserved cognition. Neurobiology of Aging, 2014, 35, 42-54.	1.5	95
727	Environment and Brain Plasticity: Towards an Endogenous Pharmacotherapy. Physiological Reviews, 2014, 94, 189-234.	13.1	340
728	Stronger left-hemisphere lateralization in older versus younger adults while processing conventional metaphors. Laterality, 2014, 19, 705-717.	0.5	6
729	Gray matter alterations in early aging: A diffusion magnetic resonance imaging study. Human Brain Mapping, 2014, 35, 3841-3856.	1.9	31
730	Greater BOLD response to working memory in endurance-trained adults revealed by breath-hold calibration. Human Brain Mapping, 2014, 35, 2898-2910.	1.9	10
731	Decreased segregation of brain systems across the healthy adult lifespan. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4997-5006.	3.3	678
732	Age-related decline in differentiated neural responses to rare target versus frequent standard stimuli. Brain Research, 2014, 1587, 97-111.	1.1	17
733	Significance of longitudinal changes in the defaultâ€mode network for cognitive recovery after stroke. European Journal of Neuroscience, 2014, 40, 2715-2722.	1.2	45
734	The ageing anaesthetist. Anaesthesia, 2014, 69, 1-5.	1.8	18
735	Structural Imaging Measures of Brain Aging. Neuropsychology Review, 2014, 24, 271-289.	2.5	199
736	The Relevance of Beta-Amyloid on Markers of Alzheimer's Disease in Clinically Normal Individuals and Factors That Influence These Associations. Neuropsychology Review, 2014, 24, 300-312.	2.5	34
737	The neural basis of impaired self-awareness after traumatic brain injury. Brain, 2014, 137, 586-597.	3.7	102
738	Neural correlates of age-related decline and compensation in visual attention capacity. Neurobiology of Aging, 2014, 35, 2161-2173.	1.5	48

#	Article	IF	CITATIONS
739	Modulatory role of the prefrontal generator within the auditory M50 network. NeuroImage, 2014, 92, 120-131.	2.1	16
740	Early markers of neural dysfunction and compensation: A model from minimal hepatic encephalopathy. Clinical Neurophysiology, 2014, 125, 1138-1144.	0.7	6
741	Cognitive and neural signatures of the APOE E4 allele in mid-aged adults. Neurobiology of Aging, 2014, 35, 1615-1623.	1.5	71
742	Different patterns of brain activation in normal aging and Alzheimer's disease from cognitional sight: meta analysis using activation likelihood estimation. Journal of the Neurological Sciences, 2014, 343, 159-166.	0.3	26
743	Adrenocortical Status Predicts the Degree of Age-Related Deficits in Prefrontal Structural Plasticity and Working Memory. Journal of Neuroscience, 2014, 34, 8387-8397.	1.7	32
744	Midlife memory ability accounts for brain activity differences in healthy aging. Neurobiology of Aging, 2014, 35, 2495-2503.	1.5	14
745	Age-related spatiotemporal reorganization during response inhibition. International Journal of Psychophysiology, 2014, 93, 371-380.	0.5	23
746	Age-related behavioural and neurofunctional patterns of second language word learning: Different ways of being successful. Brain and Language, 2014, 135, 9-19.	0.8	51
747	Task-dependent Activity and Connectivity Predict Episodic Memory Network-based Responses to Brain Stimulation in Healthy Aging. Brain Stimulation, 2014, 7, 287-296.	0.7	62
748	Hypothesis-driven methods to augment human cognition by optimizing cortical oscillations. Frontiers in Systems Neuroscience, 2014, 8, 119.	1.2	18
749	Functional neuroimaging of the Iowa Gambling Task in older adults Neuropsychology, 2014, 28, 870-880.	1.0	20
750	Interhemispheric collaboration during digit and dot number-matching in younger and older adults Neuropsychology, 2014, 28, 894-904.	1.0	0
751	When should surgeons retire?. British Journal of Surgery, 2015, 103, 35-42.	0.1	38
753	Resting-state cerebellar-cerebral networks are differently affected in first-episode, drug-naive schizophrenia patients and unaffected siblings. Scientific Reports, 2015, 5, 17275.	1.6	45
756	Neural Plasticity Across the Lifespan. , 0, , .		2
758	It's All in the Family. Psychological Science, 2015, 26, 997-1005.	1.8	23
759	The effect of cognitive fatigue on prefrontal cortex correlates of neuromuscular fatigue in older women. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 115.	2.4	34
760	Bilingualism, dementia, cognitive and neural reserve. Current Opinion in Neurology, 2015, 28, 618-625.	1.8	103

#	Article	IF	CITATIONS
761	Obesity and Aging. Psychosomatic Medicine, 2015, 77, 697-709.	1.3	136
762	The Neural Correlates of Spatial and Object Working Memory in Elderly and Parkinson's Disease Subjects. Behavioural Neurology, 2015, 2015, 1-10.	1.1	18
763	Brain activation during visual working memory correlates with behavioral mobility performance in older adults. Frontiers in Aging Neuroscience, 2015, 7, 186.	1.7	13
764	Age-Related Changes in Predictive Capacity Versus Internal Model Adaptability: Electrophysiological Evidence that Individual Differences Outweigh Effects of Age. Frontiers in Aging Neuroscience, 2015, 7, 217.	1.7	20
765	SIRT1 in the brain—connections with aging-associated disorders and lifespan. Frontiers in Cellular Neuroscience, 2015, 9, 64.	1.8	137
766	Age-related striatal BOLD changes without changes in behavioral loss aversion. Frontiers in Human Neuroscience, 2015, 9, 176.	1.0	16
767	Dual-task and electrophysiological markers of executive cognitive processing in older adult gait and fall-risk. Frontiers in Human Neuroscience, 2015, 9, 200.	1.0	34
768	Altered cerebellar connectivity in Parkinson's patients ON and OFF L-DOPA medication. Frontiers in Human Neuroscience, 2015, 9, 214.	1.0	57
769	Effects of age on electrophysiological correlates of speech processing in a dynamic "cocktail-party― situation. Frontiers in Neuroscience, 2015, 9, 341.	1.4	26
770	White Matter Hyperintensities among Older Adults Are Associated with Futile Increase in Frontal Activation and Functional Connectivity during Spatial Search. PLoS ONE, 2015, 10, e0122445.	1.1	28
771	Changes in Brain Network Efficiency and Working Memory Performance in Aging. PLoS ONE, 2015, 10, e0123950.	1.1	86
773	The â€~Goldilocks Zone': Getting the Measure of Manual Asymmetries. PLoS ONE, 2015, 10, e0128322.	1.1	6
774	Hormones as ââ,¬Å"difference makersââ,¬Â•in cognitive and socioemotional aging processes. Frontiers in Psychology, 2014, 5, 1595.	1.1	38
775	Reorganization of brain networks in aging: a review of functional connectivity studies. Frontiers in Psychology, 2015, 6, 663.	1.1	396
776	Oral communication in individuals with hearing impairment—considerations regarding attentional, cognitive and social resources. Frontiers in Psychology, 2015, 6, 998.	1.1	13
777	Verbal Memory in Parkinson's Disease: AÂCombined DTI and fMRI Study. Journal of Parkinson's Disease, 2015, 5, 793-804.	1.5	21
778	Transcranial Magnetic Stimulation to Address Mild Cognitive Impairment in the Elderly: A Randomized Controlled Study. Behavioural Neurology, 2015, 2015, 1-13.	1.1	97
779	Neural Plastic Effects of Cognitive Training on Aging Brain. Neural Plasticity, 2015, 2015, 1-9.	1.0	47

#	Article	IF	CITATIONS
780	Neural Correlates of Associative Memory in the Elderly: A Resting-State Functional MRI Study. BioMed Research International, 2015, 2015, 1-7.	0.9	8
782	Increased Cerebellar Functional Connectivity With the Default-Mode Network in Unaffected Siblings of Schizophrenia Patients at Rest. Schizophrenia Bulletin, 2015, 41, 1317-1325.	2.3	48
783	Fractionation of visuo-spatial memory processes in bipolar depression: a cognitive scaffolding account. Psychological Medicine, 2015, 45, 545-558.	2.7	11
784	Cortical Activity Predicts Which Older Adults Recognize Speech in Noise and When. Journal of Neuroscience, 2015, 35, 3929-3937.	1.7	86
785	Age-related Shift in Neural Complexity Related to Task Performance and Physical Activity. Journal of Cognitive Neuroscience, 2015, 27, 605-613.	1.1	29
786	Structure–function–behavior relationship in estrogen-induced synaptic plasticity. Hormones and Behavior, 2015, 74, 139-148.	1.0	39
787	Speech Audiometry Tests in Noise Are Impaired in Older Patients with Mild Cognitive Impairment: A Pilot Study. Journal of International Advanced Otology, 2015, 10, 228-233.	1.0	8
788	Increased Causal Connectivity Related to Anatomical Alterations as Potential Endophenotypes for Schizophrenia. Medicine (United States), 2015, 94, e1493.	0.4	11
789	Multiple Object Tracking While Walking: Similarities and Differences Between Young, Young-Old, and Old-Old Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2015, 70, 840-849.	2.4	32
790	What Is Normal Cognitive Aging? Evidence from Task-Based Functional Neuroimaging. Current Behavioral Neuroscience Reports, 2015, 2, 256-261.	0.6	25
791	Test battery for assessment of cognitive function in older employees. , 2015, , .		1
792	Posterior compensatory network in cognitively intact elders with hippocampal atrophy. Hippocampus, 2015, 25, 581-593.	0.9	7
793	Unidirectionally affected causal connectivity of cortico-limbic-cerebellar circuit by structural deficits in drug-naive major depressive disorder. Journal of Affective Disorders, 2015, 172, 410-416.	2.0	31
794	What does successful speech-in-noise perception in aging depend on? Electrophysiological correlates of high and low performance in older adults. Neuropsychologia, 2015, 70, 43-57.	0.7	28
795	Neural Reorganization and Compensation in Aging. Journal of Cognitive Neuroscience, 2015, 27, 1275-1285.	1.1	81
796	Sensory and Motor Thresholds of Transcutaneous Electrical Stimulation Are Influenced by Gender and Age. PM and R, 2015, 7, 42-47.	0.9	17
797	One dataset, many conclusions: BOLD variability's complicated relationships with age and motion artifacts. Brain Imaging and Behavior, 2015, 9, 115-127.	1.1	13
798	Normal aging selectively diminishes alpha lateralization in visual spatial attention. NeuroImage, 2015, 106, 353-363.	2.1	72

#	Article	IF	Citations
799	Lateralization of resting state networks and relationship to age and gender. NeuroImage, 2015, 104, 310-325.	2.1	162
800	Are the effects of <i>APOE</i> ϵ4 on cognitive function in nonclinical populations age- and gender-dependent?. Neurodegenerative Disease Management, 2015, 5, 37-48.	1.2	14
801	Beyond BOLD: Optimizing functional imaging in stroke populations. Human Brain Mapping, 2015, 36, 1620-1636.	1.9	61
802	Reduced Haemodynamic Response in the Ageing Visual Cortex Measured by Absolute fNIRS. PLoS ONE, 2015, 10, e0125012.	1.1	27
803	Visual–Somatosensory Integration is Linked to PhysicalÂActivity Level in Older Adults. Multisensory Research, 2015, 28, 11-29.	0.6	27
804	Genetic risk for Alzheimer's disease alters the five-year trajectory of semantic memory activation in cognitively intact elders. NeuroImage, 2015, 111, 136-146.	2.1	39
805	Better together: Left and right hemisphere engagement to reduce age-related memory loss. Behavioural Brain Research, 2015, 293, 125-133.	1.2	21
806	Improvement of encoding and retrieval in normal and pathological aging with word–picture paradigm. Aging and Mental Health, 2015, 19, 940-946.	1.5	6
807	The Effect of Plausibility on Sentence Comprehension Among Older Adults and its Relation to Cognitive Functions. Experimental Aging Research, 2015, 41, 272-302.	0.6	27
808	Reduced Frontal Cortex Efficiency is Associated with Lower White Matter Integrity in Aging. Cerebral Cortex, 2015, 25, 138-146.	1.6	59
809	Age differences in the neural correlates of novelty processing: The effects of item-relatedness. Brain Research, 2015, 1612, 2-15.	1.1	32
810	Estrogen–cholinergic interactions: Implications for cognitive aging. Hormones and Behavior, 2015, 74, 173-185.	1.0	63
811	Environment as †Brain Training': A review of geographical and physical environmental influences on cognitive ageing. Ageing Research Reviews, 2015, 23, 167-182.	5.0	133
812	PCC characteristics at rest in 10-year memory decliners. Neurobiology of Aging, 2015, 36, 2812-2820.	1.5	28
814	Visuospatial bootstrapping: Aging and the facilitation of verbal memory by spatial displays Archives of Scientific Psychology, 2015, 3, 74-81.	0.8	7
815	Brain activity during source memory retrieval in young, middle-aged and old adults. Brain Research, 2015, 1618, 168-180.	1.1	26
816	Aging effects on working memory: Fronto-parietal network involvement on tasks involving speech stimuli. Neurology Psychiatry and Brain Research, 2015, 21, 64-72.	2.0	5
817	Effects of Emotionally Charged Auditory Stimulation on Gait Performance in the Elderly: A Preliminary Study. Archives of Physical Medicine and Rehabilitation, 2015, 96, 690-696.	0.5	11

#	Article	IF	CITATIONS
818	Preserved motor asymmetry in late adulthood: Is measuring chronological age enough?. Neuroscience, 2015, 294, 51-59.	1.1	26
819	The organisation of the elderly connectome. Neurolmage, 2015, 114, 414-426.	2.1	62
820	Posteromedial hyperactivation during episodic recognition among people with memory decline: findings from the WRAP study. Brain Imaging and Behavior, 2015, 9, 690-702.	1.1	3
821	Lateralization patterns of covert but not overt movements change with age: An EEG neurofeedback study. NeuroImage, 2015, 116, 80-91.	2.1	29
822	Neural correlates of positive and negative performance feedback in younger and older adults. Behavioral and Brain Functions, 2015, 11, 17.	1.4	15
823	The effect of estrogen synthesis inhibition on hippocampal memory. Psychoneuroendocrinology, 2015, 56, 213-225.	1.3	48
824	Less Wiring, More Firing: Low-Performing Older Adults Compensate for Impaired White Matter with Greater Neural Activity. Cerebral Cortex, 2015, 25, 983-990.	1.6	120
825	Working Memory and Aging. , 2015, , 131-148.		6
826	Increased Cerebellar-Default-Mode-Network Connectivity in Drug-Naive Major Depressive Disorder at Rest. Medicine (United States), 2015, 94, e560.	0.4	54
827	Longitudinal alterations to brain function, structure, and cognitive performance in healthy older adults: A fMRI-DTI study. Neuropsychologia, 2015, 71, 225-235.	0.7	45
828	Age-related impairments in object-place associations are not due to hippocampal dysfunction Behavioral Neuroscience, 2015, 129, 599-610.	0.6	39
829	Need of speech-in-noise testing to assess listening difficulties in older adults. Hearing, Balance and Communication, 2015, 13, 65-76.	0.1	9
830	Increased short-range and long-range functional connectivity in first-episode, medication-naive schizophrenia at rest. Schizophrenia Research, 2015, 166, 144-150.	1.1	48
831	Functional connectivity change across multiple cortical networks relates to episodic memory changes in aging. Neurobiology of Aging, 2015, 36, 3255-3268.	1.5	64
832	Brain activity during walking: A systematic review. Neuroscience and Biobehavioral Reviews, 2015, 57, 310-327.	2.9	210
833	Putting age-related task activation into large-scale brain networks: A meta-analysis of 114 fMRI studies on healthy aging. Neuroscience and Biobehavioral Reviews, 2015, 57, 156-174.	2.9	153
834	Episodic memory in normal aging and Alzheimer disease: Insights from imaging and behavioral studies. Ageing Research Reviews, 2015, 24, 232-262.	5.0	255
835	Aging with HIV-1 Infection: Motor Functions, Cognition, and Attention – A Comparison with Parkinson's Disease. Neuropsychology Review, 2015, 25, 424-438.	2.5	42

#	ARTICLE	IF	CITATIONS
836	Compensation or inhibitory failure? Testing hypotheses of age-related right frontal lobe involvement in verbal memory ability using structural and diffusion MRI. Cortex, 2015, 63, 4-15.	1.1	19
837	The relation of structural integrity and task-related functional connectivity in the aging brain. Neurobiology of Aging, 2015, 36, 2830-2837.	1.5	21
838	The implications of state-dependent tDCS effects in aging: Behavioural response is determined by baseline performance. Neuropsychologia, 2015, 74, 108-119.	0.7	105
839	Lifelong bilingualism and neural reserve against Alzheimer's disease: A review of findings and potential mechanisms. Behavioural Brain Research, 2015, 281, 9-15.	1.2	70
840	fMRI subsequent source memory effects in young, middle-aged and old adults. Behavioural Brain Research, 2015, 280, 24-35.	1.2	25
841	Differential effects of CB1 receptor agonism in behavioural tests of unconditioned and conditioned fear in adult male rats. Behavioural Brain Research, 2015, 279, 9-16.	1.2	20
842	Marginal neurofunctional changes in high-performing older adults in a verbal fluency task. Brain and Language, 2015, 140, 13-23.	0.8	13
843	The Resting Brain of Alcoholics. Cerebral Cortex, 2015, 25, 4155-4168.	1.6	133
844	Abnormal Causal Connectivity by Structural Deficits in First-Episode, Drug-Naive Schizophrenia at Rest. Schizophrenia Bulletin, 2015, 41, 57-65.	2.3	71
845	Effects of reaction time variability and age on brain activity during Stroop task performance. Brain Imaging and Behavior, 2015, 9, 609-618.	1.1	24
846	The effects of aging on the brain activation pattern during a speech perception task: an fMRI study. Aging Clinical and Experimental Research, 2015, 27, 27-36.	1.4	13
847	Sleep deprivation induces differential morphological changes in the hippocampus and prefrontal cortex in young and old rats. Synapse, 2015, 69, 15-25.	0.6	57
848	Emotion and Aging. , 2016, , 259-278.		19
850	Male veterans with PTSD exhibit aberrant neural dynamics during working memory processing: an MEG study. Journal of Psychiatry and Neuroscience, 2016, 41, 251-260.	1.4	30
851	Altered Effective Connectivity of Hippocampus-Dependent Episodic Memory Network in mTBI Survivors. Neural Plasticity, 2016, 2016, 1-12.	1.0	19
852	Brain Activation during Memory Encoding in Type 2 Diabetes Mellitus: A Discordant Twin Pair Study. Journal of Diabetes Research, 2016, 2016, 1-10.	1.0	31
853	Brain Activation and Psychomotor Speed in Middle-Aged Patients with Type 1 Diabetes: Relationships with Hyperglycemia and Brain Small Vessel Disease. Journal of Diabetes Research, 2016, 2016, 1-11.	1.0	14
854	An fMRI Study of Concreteness Effects during Spoken Word Recognition in Aging. Preservation or Attenuation?. Frontiers in Aging Neuroscience, 2015, 7, 240.	1.7	13

ARTICLE IF CITATIONS # Adaptive Strategies for the Elderly in Inhibiting Irrelevant and Conflict No-Go Trials while Performing 855 1.7 23 the Go/No-Go Task. Frontiers in Aging Neuroscience, 2015, 7, 243. A Quantitative Study of Network Robustness in Resting-State fMRI in Young and Elder Adults. 1.7 Frontiers in Aging Neuroscience, 2015, 7, 256. Perception and Cognition in the Ageing Brain: A Brief Review of the Short- and Long-Term Links 857 1.7 121 between Perceptual and Cognitive Decline. Frontiers in Aging Neuroscience, 2016, 8, 39. Exercise-Related Changes of Networks in Aging and Mild Cognitive Impairment Brain. Frontiers in Aging Neuroscience, 2016, 8, 47. Exergame and Balance Training Modulate Prefrontal Brain Activity during Walking and Enhance 859 1.7 185 Executive Function in Older Adults. Frontiers in Aging Neuroscience, 2016, 8, 66. Age-Related Differences in the Modulation of Small-World Brain Networks during a Go/NoGo Task. 860 1.7 Frontiers in Aging Neuroscience, 2016, 8, 100. Cognitive Aging and Time Perception: Roles of Bayesian Optimization and Degeneracy. Frontiers in 861 1.7 74 Aging Neuroscience, 2016, 8, 102. Editorial: A Hand at Work: Effects of Aging. Frontiers in Aging Neuroscience, 2016, 8, 141. 1.7 862 A Triple Network Connectivity Study of Large-Scale Brain Systems in Cognitively Normal APOE4 863 1.7 39 Carriers. Frontiers in Aging Neuroscience, 2016, 8, 231. Gender Specific Re-organization of Resting-State Networks in Older Age. Frontiers in Aging 1.7 864 Neuroscience, 2016, 8, 285. Young and Middle-Aged Schoolteachers Differ in the Neural Correlates of Memory Encoding and 865 1.0 9 Cognitive Fatigue: A Functional MRI Study. Frontiers in Human Neuroscience, 2016, 10, 148. Heterogeneous Aging Effects on Functional Connectivity in Different Cortical Regions: A 866 1.1 Resting State Functional MRI Study Using Functional Data Analysis. PLoS ONE, 2016, 11, e0162028. Temporal Information Processing and its Relation to Executive Functions in Elderly Individuals. 867 1.1 16 Frontiers in Psychology, 2016, 7, 1599. 40â€Hz oscillations underlying perceptual binding in young and older adults. Psychophysiology, 2016, 1.2 53,974-990. Ageâ€related changes in prefrontal oxygenation during memory encoding and retrieval. Geriatrics and 869 0.7 4 Gerontology International, 2016, 16, 1296-1304. Aging modulates the oscillatory dynamics underlying successful working memory encoding and 870 maintenance. Human Brain Mapping, 2016, 37, 2348-2361. Insula and Inferior Frontal Gyrus' Activities Protect Memory Performance Against Alzheimer's Disease 871 1.2 69 Pathology in Old Age. Journal of Alzheimer's Disease, 2016, 55, 669-678. Patients with first-episode, drug-naive schizophrenia and subjects at ultra-high risk of psychosis 872 shared increased cerebellar-default mode network connectivity at rest. Scientific Reports, 2016, 6, 1.6 46 26124.

#	Article	IF	CITATIONS
873	Leisure activities and depressive symptoms in older adults with cognitive complaints. International Psychogeriatrics, 2016, 28, 63-69.	0.6	27
874	Clinical significance of increased cerebellar default-mode network connectivity in resting-state patients with drug-naive somatization disorder. Medicine (United States), 2016, 95, e4043.	0.4	22
875	Autobiographical memory conjunction errors in younger and older adults: Evidence for a role of inhibitory ability Psychology and Aging, 2016, 31, 927-942.	1.4	12
876	Age-related differences in resolving semantic and phonological competition during receptive language tasks. Neuropsychologia, 2016, 93, 189-199.	0.7	13
877	Increased activity in frontal motor cortex compensates impaired speech perception in older adults. Nature Communications, 2016, 7, 12241.	5.8	139
878	When I am (almost) 64: The effect of normal ageing on implicit motor imagery in young elderlies. Behavioural Brain Research, 2016, 303, 137-151.	1.2	35
879	Neural correlates of state-based decision-making in younger and older adults. NeuroImage, 2016, 130, 13-23.	2.1	22
880	Neural correlates of training and transfer effects in working memory in older adults. NeuroImage, 2016, 134, 236-249.	2.1	88
881	Non-invasive brain stimulation of the aging brain: State of the art and future perspectives. Ageing Research Reviews, 2016, 29, 66-89.	5.0	69
882	Reorganization of Functional Networks in Verbal Working Memory Circuitry in Early Midlife: The Impact of Sex and Menopausal Status. Cerebral Cortex, 2017, 27, bhw127.	1.6	49
883	Motivational incentives lead to a strong increase in lateral prefrontal activity after self-control exertion. Social Cognitive and Affective Neuroscience, 2016, 11, 1618-1626.	1.5	27
884	Peripheral neuropathy reduces asymmetries in inter-limb transfer in a visuo-motor task. Laterality, 2016, 21, 255-266.	0.5	3
885	Adult developmental trajectories of pseudoneglect in the tactile, visual and auditory modalities and the influence of starting position and stimulus length. Brain and Cognition, 2016, 103, 12-22.	0.8	23
886	Visual Acuity does not Moderate Effect Sizes of Higher-Level Cognitive Tasks. Experimental Aging Research, 2016, 42, 221-263.	0.6	9
887	The neural correlates of recollection and retrieval monitoring: Relationships with age and recollection performance. NeuroImage, 2016, 138, 164-175.	2.1	62
888	Effects of aging on task- and stimulus-related cerebral attention networks. Neurobiology of Aging, 2016, 44, 85-95.	1.5	25
889	False memories with age: Neural and cognitive underpinnings. Neuropsychologia, 2016, 91, 346-359.	0.7	135
890	Relating pessimistic memory predictions to Alzheimer's disease brain structure. Cortex, 2016, 85, 151-164.	1.1	14

#	Article	IF	CITATIONS
891	fMRI in Neurodegenerative Diseases: From Scientific Insights to Clinical Applications. Neuromethods, 2016, , 699-739.	0.2	6
892	Neuronal mechanisms of motor learning are age dependent. Neurobiology of Aging, 2016, 46, 149-159.	1.5	18
893	Functional brain and age-related changes associated with congruency in task switching. Neuropsychologia, 2016, 91, 211-221.	0.7	18
894	Age-related changes in post-movement beta synchronization during a selective inhibition task. Experimental Brain Research, 2016, 234, 3543-3553.	0.7	5
895	Orienting of visual attention in aging. Neuroscience and Biobehavioral Reviews, 2016, 69, 357-380.	2.9	53
896	Ageâ€related differences in brain network activation and coâ€activation during multiple object tracking. Brain and Behavior, 2016, 6, e00533.	1.0	32
897	Physical Activity Is Associated With Greater Visuospatial Cognitive Functioning Regardless of the Level of Cognitive Load in Elderly Adults. Journal of Sport and Exercise Psychology, 2016, 38, 69-81.	0.7	13
898	Brain perfusion in dementia with Lewy bodies and Alzheimer's disease: an arterial spin labeling MRI study on prodromal and mild dementia stages. Alzheimer's Research and Therapy, 2016, 8, 29.	3.0	45
899	Using Cognitive Screening Tests in Audiology. American Journal of Audiology, 2016, 25, 319-331.	0.5	41
900	A complementary role of intracortical inhibition in age-related tactile degradation and its remodelling in humans. Scientific Reports, 2016, 6, 27388.	1.6	32
901	Neuropsychology of aging, past, present and future: Contributions of Morris Moscovitch. Neuropsychologia, 2016, 90, 117-124.	0.7	6
902	The 100 most-cited articles in neuroimaging: A bibliometric analysis. NeuroImage, 2016, 139, 149-156.	2.1	70
903	Age and executive ability impact the neural correlates of race perception. Social Cognitive and Affective Neuroscience, 2016, 11, 1752-1761.	1.5	17
904	Age differences in the Attention Network Test: Evidence from behavior and event-related potentials. Brain and Cognition, 2016, 102, 65-79.	0.8	91
905	Cerebral hemovelocity reveals differential resource allocation strategies for extraverts and introverts during vigilance. Experimental Brain Research, 2016, 234, 577-585.	0.7	15
906	Atlasing the frontal lobe connections and their variability due to age and education: a spherical deconvolution tractography study. Brain Structure and Function, 2016, 221, 1751-1766.	1.2	307
907	Age-related decline in functional connectivity of the vestibular cortical network. Brain Structure and Function, 2016, 221, 1443-1463.	1.2	31
908	Cortical correlates of response time slowing in older adults: ERP and ERD/ERS analyses during passive ankle movement. Clinical Neurophysiology, 2016, 127, 655-663.	0.7	33

#	Article	IF	CITATIONS
909	Aging and the Effects of Exploratory Behavior on Spatial Memory. International Journal of Aging and Human Development, 2016, 82, 188-208.	1.0	2
910	Compensatory processing during rule-based category learning in older adults. Aging, Neuropsychology, and Cognition, 2016, 23, 304-326.	0.7	4
911	Cerebellar atrophy in Parkinson's disease and its implication for network connectivity. Brain, 2016, 139, 845-855.	3.7	103
912	Functional Brain Activation Associated with Inhibitory Control Deficits in Older Adults. Cerebral Cortex, 2016, 26, 12-22.	1.6	89
913	Task-Related Vigilance During Word Recognition in Noise for Older Adults with Hearing Loss. Experimental Aging Research, 2016, 42, 50-66.	0.6	34
914	The differential effect of trigeminal vs. peripheral pain stimulation on visual processing and memory encoding is influenced by pain-related fear. NeuroImage, 2016, 134, 386-395.	2.1	35
915	Age-related changes in overcoming proactive interference in associative memory: The role of PFC-mediated executive control processes at retrieval. NeuroImage, 2016, 132, 116-128.	2.1	30
916	One of the most well-established age-related changes in neural activity disappears after controlling for visual acuity. Neurolmage, 2016, 130, 115-122.	2.1	20
917	Behavioral and Neural Markers of Flexible Attention over Working Memory in Aging. Cerebral Cortex, 2016, 26, 1831-1842.	1.6	61
918	Interactive effects of age and multi-gene profile on motor learning and sensorimotor adaptation. Neuropsychologia, 2016, 84, 222-234.	0.7	16
919	Focused and divided attention in a simulated cocktail-party situation: ERP evidence from younger and older adults. Neurobiology of Aging, 2016, 41, 138-149.	1.5	36
920	Modulation of the inter-hemispheric processing of semantic information during normal aging. A divided visual field experiment. Neuropsychologia, 2016, 93, 425-436.	0.7	4
921	Learning Temporal Statistics for Sensory Predictions in Aging. Journal of Cognitive Neuroscience, 2016, 28, 418-432.	1.1	4
922	Exposure to an enriched environment up to middle age allows preservation of spatial memory capabilities in old age. Behavioural Brain Research, 2016, 299, 1-5.	1.2	26
923	Neural correlates of successful memory retrievalÂin aging: Do executive functioning and task difficulty matter?. Brain Research, 2016, 1631, 53-71.	1.1	30
924	Prefrontal Cortex Activation While Walking Under Dual-Task Conditions in Stroke. Neurorehabilitation and Neural Repair, 2016, 30, 591-599.	1.4	100
925	Effect of Age on Working Memory Performance and Cerebral Activation after Mild Traumatic Brain Injury: A Functional MR Imaging Study. Radiology, 2016, 278, 854-862.	3.6	14
926	The association between aerobic fitness and cognitive function in older men mediated by frontal lateralization. Neurolmage, 2016, 125, 291-300.	2.1	86

#	Article	IF	CITATIONS
927	Effects of aging on value-directed modulation of semantic network activity during verbal learning. NeuroImage, 2016, 125, 1046-1062.	2.1	56
928	Verbal learning across the lifespan: an analysis of the components of the learning curve. Aging, Neuropsychology, and Cognition, 2016, 23, 133-153.	0.7	12
929	Context Memory Decline in Middle Aged Adults is Related to Changes in Prefrontal Cortex Function. Cerebral Cortex, 2016, 26, 2440-2460.	1.6	37
930	Novel word learning in older adults: A role for sleep?. Brain and Language, 2017, 167, 106-113.	0.8	25
931	Bilateral recruitment of prefrontal cortex in working memory is associated with task demand but not with age. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E830-E839.	3.3	51
932	Brain–behavior relationships in source memory: Effects of age and memory ability. Cortex, 2017, 91, 221-233.	1.1	11
933	Increased gamma connectivity during working memory retention following traumatic brain injury. Brain Injury, 2017, 31, 379-389.	0.6	14
934	Differential effects of bihemispheric and unihemispheric transcranial direct current stimulation in young and elderly adults in verbal learning. Behavioural Brain Research, 2017, 321, 170-175.	1.2	32
935	Frontoparietal activation during visual conjunction search: Effects of bottomâ€up guidance and adult age. Human Brain Mapping, 2017, 38, 2128-2149.	1.9	18
936	Aberrant Neuronal Dynamics during Working Memory Operations in the Aging HIV-Infected Brain. Scientific Reports, 2017, 7, 41568.	1.6	39
937	FMRI activity during associative encoding is correlated with cardiorespiratory fitness and source memory performance in older adults. Cortex, 2017, 91, 208-220.	1.1	22
938	Age differences in the motor control of speech: An fMRI study of healthy aging. Human Brain Mapping, 2017, 38, 2751-2771.	1.9	29
940	Two hands, one brain, and aging. Neuroscience and Biobehavioral Reviews, 2017, 75, 234-256.	2.9	94
941	Age-Related Changes in the Neural Control of Standing Balance. , 2017, , 427-444.		6
942	Thalamocortical connectivity in major depressive disorder. Journal of Affective Disorders, 2017, 217, 125-131.	2.0	70
943	Effects of aging on prefrontal brain activation during challenging walking conditions. Brain and Cognition, 2017, 115, 41-46.	0.8	156
944	Adaptive and maladaptive neural compensatory consequences of sensory deprivation—From a phantom percept perspective. Progress in Neurobiology, 2017, 153, 1-17.	2.8	37
945	Anatomical distance affects cortical-subcortical connectivity in first-episode, drug-naive somatization disorder. Journal of Affective Disorders, 2017, 217, 153-158.	2.0	11

#	Article	IF	CITATIONS
946	Frontoparietal neurostimulation modulates working memory training benefits and oscillatory synchronization. Brain Research, 2017, 1667, 28-40.	1.1	44
947	Cognitive systems and the changing brain. Philosophical Explorations, 2017, 20, 224-241.	0.4	15
948	Executive Network Activation is Linked to Walking Speed in Older Adults: Functional MRI and TCD Ultrasound Evidence From the MOBILIZE Boston Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1669-1675.	1.7	34
949	APOE moderates compensatory recruitment of neuronal resources during working memory processing in healthy older adults. Neurobiology of Aging, 2017, 56, 127-137.	1.5	20
950	Local-to-remote cortical connectivity in amnestic mild cognitive impairment. Neurobiology of Aging, 2017, 56, 138-149.	1.5	17
951	Enhancing anger perception in older adults by stimulating inferior frontal cortex with high frequency transcranial random noise stimulation. Neuropsychologia, 2017, 102, 163-169.	0.7	19
952	Meditation and Cognitive Ageing: the Role of Mindfulness Meditation in Building Cognitive Reserve. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2017, 1, 96-106.	0.8	30
953	Gender differences in healthy aging and Alzheimer's Dementia: A ¹⁸ Fâ€FDGâ€PET study of brain and cognitive reserve. Human Brain Mapping, 2017, 38, 4212-4227.	1.9	87
954	Effects of levodopa on corticostriatal circuits supporting working memory in Parkinson's disease. Cortex, 2017, 93, 193-205.	1.1	41
955	Higher serum cholesterol is associated with intensified ageâ€related neural network decoupling and cognitive decline in early―to midâ€life. Human Brain Mapping, 2017, 38, 3249-3261.	1.9	15
956	Age-related reduction of hemispheric lateralisation for spatial attention: An EEG study. NeuroImage, 2017, 153, 139-151.	2.1	40
957	Cognitive Efficiency in Alzheimer's Disease is Associated with Increased Occipital Connectivity. Journal of Alzheimer's Disease, 2017, 57, 541-556.	1.2	15
958	Learning in Later Years in the Lifelong Learning Trajectory. Journal of Intergenerational Relationships, 2017, 15, 14-25.	0.5	10
959	Hyperactivity of the default-mode network in first-episode, drug-naive schizophrenia at rest revealed by family-based case–control and traditional case–control designs. Medicine (United States), 2017, 96, e6223.	0.4	40
960	Spatial Coregistration of Functional Nearâ€Infrared Spectroscopy to Brain MRI. Journal of Neuroimaging, 2017, 27, 453-460.	1.0	16
961	Structural laterality is associated with cognitive and mood outcomes: An assessment of 105 healthy aged volunteers. NeuroImage, 2017, 153, 86-96.	2.1	23
962	Stress and gender effects on prefrontal cortex oxygenation levels assessed during single and dualâ€ŧask walking conditions. European Journal of Neuroscience, 2017, 45, 660-670.	1.2	52
963	The impact of level of education on age-related deficits in associative memory: Behavioral and neuropsychological perspectives. Cortex, 2017, 91, 9-24.	1.1	10

#	Article	IF	CITATIONS
964	Functional dedifferentiation and reduced task-related deactivations underlie the age-related decline of prospective memory. Brain Imaging and Behavior, 2017, 11, 1873-1884.	1.1	14
965	How many deficits in the same dyslexic brains? A behavioural and fMRI assessment of comorbidity in adult dyslexics. Cortex, 2017, 97, 125-142.	1.1	30
966	Dynamic range of frontoparietal functional modulation is associated with working memory capacity limitations in older adults. Brain and Cognition, 2017, 118, 128-136.	0.8	19
967	Dorsolateral prefrontal cortex GABA deficit in older adults with sleep-disordered breathing. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10250-10255.	3.3	12
968	The independent influences of age and education on functional brain networks and cognition in healthy older adults. Human Brain Mapping, 2017, 38, 5094-5114.	1.9	49
969	Use of near-infrared spectroscopy in the investigation of brain activation during cognitive aging: A systematic review of an emerging area of research. Ageing Research Reviews, 2017, 38, 52-66.	5.0	58
970	Ageâ€related shifts in hemispheric dominance for syntactic processing. Psychophysiology, 2017, 54, 1929-1939.	1.2	11
971	Neural correlates of obstacle negotiation in older adults: An fNIRS study. Gait and Posture, 2017, 58, 130-135.	0.6	67
972	Deteriorating neural connectivity of the hippocampal episodic memory network in mTBI patients: A cohort study. , 2017, , .		0
973	Differences in dynamic and static functional connectivity between young and elderly healthy adults. Neuroradiology, 2017, 59, 781-789.	1.1	24
974	Aging, rule-violation checking strategies, and strategy combination: An EEG study in arithmetic. International Journal of Psychophysiology, 2017, 120, 23-32.	0.5	5
975	Corpus callosum macro and microstructure in late-life depression. Journal of Affective Disorders, 2017, 222, 63-70.	2.0	27
976	Shared and Specific Intrinsic Functional Connectivity Patterns in Unmedicated Bipolar Disorder and Major Depressive Disorder. Scientific Reports, 2017, 7, 3570.	1.6	74
977	Why sex hormones matter for neuroscience: A very short review on sex, sex hormones, and functional brain asymmetries. Journal of Neuroscience Research, 2017, 95, 40-49.	1.3	93
978	Simultaneous EEG-fNIRS reveals how age and feedback affect motor imagery signatures. Neurobiology of Aging, 2017, 49, 183-197.	1.5	44
979	Switching of auditory attention in "cocktail-party―listening: ERP evidence of cueing effects in younger and older adults. Brain and Cognition, 2017, 111, 1-12.	0.8	28
980	Age-related change and the predictive value of the "Resting state― a commentary on Campbell and Schacter (2016). Language, Cognition and Neuroscience, 2017, 32, 674-677.	0.7	12
981	Possible roles for fronto-striatal circuits in reading disorder. Neuroscience and Biobehavioral Reviews, 2017, 72, 243-260.	2.9	68

#	Article	IF	CITATIONS
982	Visually guided auditory attention in a dynamic "cocktail-party―speech perception task: ERP evidence for age-related differences. Hearing Research, 2017, 344, 98-108.	0.9	13
983	Ageing and the resting state: is cognition obsolete?. Language, Cognition and Neuroscience, 2017, 32, 661-668.	0.7	46
984	Age-dependent changes in task-based modular organization of the human brain. NeuroImage, 2017, 146, 741-762.	2.1	39
985	Resting-state global functional connectivity as a biomarker of cognitive reserve in mild cognitive impairment. Brain Imaging and Behavior, 2017, 11, 368-382.	1.1	88
986	Predictive cues and age-related declines in working memory performance. Neurobiology of Aging, 2017, 49, 31-39.	1.5	16
987	An approach to studying the neural correlates of reserve. Brain Imaging and Behavior, 2017, 11, 410-416.	1.1	118
988	Ageâ€related decline in task switching is linked to both global and tractâ€specific changes in white matter microstructure. Human Brain Mapping, 2017, 38, 1588-1603.	1.9	18
989	Autobiographical and episodic memory deficits in mild traumatic brain injury. Brain and Cognition, 2017, 111, 112-126.	0.8	58
990	Relationship of Lutein and Zeaxanthin Levels to Neurocognitive Functioning: An fMRI Study of Older Adults. Journal of the International Neuropsychological Society, 2017, 23, 11-22.	1.2	40
991	Functional connectivity assessment for episodic memory. , 2017, , .		0
992	Motor imagery of walking and walking while talking: a pilot randomized-controlled trial protocol for older adults. Neurodegenerative Disease Management, 2017, 7, 353-363.	1.2	3
993	Effects of Aging and Background Babble Noise on Speech Perception Processing: An fMRI Study. Neurophysiology, 2017, 49, 441-452.	0.2	17
995	7. Compensatory Strategies in Senior Foreign Language Students. , 2017, , 108-124.		3
996	Visualizing Hyperactivation in Neurodegeneration Based on Prefrontal Oxygenation: A Comparative Study of Mild Alzheimer's Disease, Mild Cognitive Impairment, and Healthy Controls. Frontiers in Aging Neuroscience, 2017, 9, 287.	1.7	57
997	Frontal Structural Neural Correlates of Working Memory Performance in Older Adults. Frontiers in Aging Neuroscience, 2016, 08, 328.	1.7	91
998	Early Age-Related Functional Connectivity Decline in High-Order Cognitive Networks. Frontiers in Aging Neuroscience, 2016, 8, 330.	1.7	84
999	Transcranial Doppler Sonography Reveals Reductions in Hemispheric Asymmetry in Healthy Older Adults during Vigilance. Frontiers in Aging Neuroscience, 2017, 9, 21.	1.7	9
1000	Individual Differences in Cognitive Function in Older Adults Predicted by Neuronal Selectivity at Corresponding Brain Regions. Frontiers in Aging Neuroscience, 2017, 9, 103.	1.7	10

#	Article	IF	Citations
1001	Aging Modulates the Hemispheric Specialization during Word Production. Frontiers in Aging Neuroscience, 2017, 9, 125.	1.7	13
1002	Age-Related Differences in Dynamic Interactions Among Default Mode, Frontoparietal Control, and Dorsal Attention Networks during Resting-State and Interference Resolution. Frontiers in Aging Neuroscience, 2017, 9, 152.	1.7	53
1003	Age-Related Changes in Perirhinal Cortex Sensitivity to Configuration and Part Familiarity and Connectivity to Visual Cortex. Frontiers in Aging Neuroscience, 2017, 9, 291.	1.7	10
1004	Anodal Transcranial Direct Current Stimulation Promotes Frontal Compensatory Mechanisms in Healthy Elderly Subjects. Frontiers in Aging Neuroscience, 2017, 9, 420.	1.7	36
1005	The Spatial Associations of Cerebral Blood Flow and Spontaneous Brain Activities with White Matter Hyperintensities—An Exploratory Study Using Multimodal Magnetic Resonance Imaging. Frontiers in Neurology, 2017, 8, 593.	1.1	13
1006	Age-Related Brain Activation Changes during Rule Repetition in Word-Matching. Frontiers in Human Neuroscience, 2017, 11, 543.	1.0	4
1007	Neural Structure, Connectivity, and Cognition Changes Associated to Physical Exercise. , 2017, , 121-131.		2
1008	A corticostriatal deficit promotes temporal distortion of automatic action in ageing. ELife, 2017, 6, .	2.8	12
1009	Effect of rhythmic auditory cueing on gait in cerebral palsy: a systematic review and meta-analysis. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 43-59.	1.0	46
1010	Effect of working memory training on cognitive communicative abilities among young- and middle-aged adults. Cogent Psychology, 2017, 4, 1416885.	0.6	4
1011	Maturation of Brain Regions Related to the Default Mode Network during Adolescence Facilitates Narrative Comprehension. Journal of Child and Adolescent Behavior, 2017, 05, .	0.2	4
1012	Boredom, sustained attention and the default mode network. Experimental Brain Research, 2018, 236, 2507-2518.	0.7	87
1013	Prefrontal cortex activation during obstacle negotiation: What's the effect size and timing?. Brain and Cognition, 2018, 122, 45-51.	0.8	27
1014	Sensory and cognitive contributions to ageâ€related changes in spoken word recognition. Language and Linguistics Compass, 2018, 12, e12272.	1.3	3
1015	Thalamic functional connectivity and its association with behavioral performance in older age. Brain and Behavior, 2018, 8, e00943.	1.0	19
1017	Network connectivity of motor control in the ageing brain. NeuroImage: Clinical, 2018, 18, 443-455.	1.4	65
1019	Increased coherence-based regional homogeneity in resting-state patients with first-episode, drug-naive somatization disorder. Journal of Affective Disorders, 2018, 235, 150-154.	2.0	12
1020	Sleep apnea: Altered brain connectivity underlying a working-memory challenge. NeuroImage: Clinical, 2018, 19, 56-65.	1.4	24

#	Article	IF	CITATIONS
1021	Different macaque models of cognitive aging exhibit task-dependent behavioral disparities. Behavioural Brain Research, 2018, 344, 110-119.	1.2	13
1022	Age-related differences in BOLD modulation to cognitive control costs in a multitasking paradigm: Global switch, local switch, and compatibility-switch costs. NeuroImage, 2018, 172, 146-161.	2.1	26
1023	Probing the limits of alpha power lateralisation as a neural marker of selective attention in middleâ€aged and older listeners. European Journal of Neuroscience, 2018, 48, 2537-2550.	1.2	53
1025	What is difficult for you can be easy for me. Effects of increasing individual task demand on prefrontal lateralization: A tDCS study. Neuropsychologia, 2018, 109, 283-294.	0.7	15
1026	Practice effects in healthy older adults: Implications for treatment-induced neuroplasticity in Aphasia. Neuropsychologia, 2018, 109, 116-125.	0.7	4
1027	The additive effect of aging on sepsis-induced cognitive impairment and neuroinflammation. Journal of Neuroimmunology, 2018, 314, 1-7.	1.1	19
1028	Audiovisual Binding for Speech Perception in Noise and in Aging. Language Learning, 2018, 68, 193-220.	1.4	4
1029	A biologically inspired cognitive skills measurement approach. Biologically Inspired Cognitive Architectures, 2018, 24, 35-46.	0.9	10
1030	Prefrontal over-activation during walking in people with mobility deficits: Interpretation and functional implications. Human Movement Science, 2018, 59, 46-55.	0.6	93
1031	Can functional task exercise improve executive function and contribute to functional balance in older adults with mild cognitive impairment? A pilot study. British Journal of Occupational Therapy, 2018, 81, 495-502.	0.5	3
1032	Listening under difficult conditions: An activation likelihood estimation metaâ€analysis. Human Brain Mapping, 2018, 39, 2695-2709.	1.9	89
1033	Distinct functional and structural neural underpinnings of working memory. NeuroImage, 2018, 174, 463-471.	2.1	42
1034	Nonâ€physical approaches to counteract ageâ€related functional deterioration: Applications for rehabilitation and neural mechanisms. European Journal of Sport Science, 2018, 18, 639-649.	1.4	27
1035	Characterizing age-related decline of recognition memory and brain activation profile in mice. Experimental Gerontology, 2018, 106, 222-231.	1.2	19
1036	Longitudinal Evidence for Increased Functional Response in Frontal Cortex for Older Adults with Hippocampal Atrophy and Memory Decline. Cerebral Cortex, 2018, 28, 936-948.	1.6	44
1037	Differences in Cortical Sources of the Event-Related P3 Potential Between Young and Old Participants Indicate Frontal Compensation. Brain Topography, 2018, 31, 35-46.	0.8	24
1038	The Impact of Three Cognitive Training Interventions on Older Adults' Physical Functioning Across 5 Years. Journal of Aging and Health, 2018, 30, 475-498.	0.9	20
1039	Diminished Alpha Lateralization During Working Memory but Not During Attentional Cueing in Older Adults. Cerebral Cortex, 2018, 28, 21-32.	1.6	42

#	Article	IF	CITATIONS
1040	Reduced Fidelity of Neural Representation Underlies Episodic Memory Decline in Normal Aging. Cerebral Cortex, 2018, 28, 2283-2296.	1.6	64
1041	Semanticized autobiographical memory and the default – executive coupling hypothesis of aging. Neuropsychologia, 2018, 110, 37-43.	0.7	66
1042	Neuroanatomical and resting state EEG power correlates of central hearing loss in older adults. Brain Structure and Function, 2018, 223, 145-163.	1.2	40
1043	Unilateral repetitive transcranial magnetic stimulation differentially affects younger and older adults completing a verbal working memory task. Journal of the Neurological Sciences, 2018, 384, 15-20.	0.3	8
1044	Effects of Career Duration, Concussion History, and Playing Position on White Matter Microstructure and Functional Neural Recruitment in Former College and Professional Football Athletes. Radiology, 2018, 286, 967-977.	3.6	33
1045	Age related prefrontal compensatory mechanisms for inhibitory control in the antisaccade task. Neurolmage, 2018, 165, 92-101.	2.1	40
1046	EEG correlates of visual short-term memory in older age vary with adult lifespan cognitive development. Neurobiology of Aging, 2018, 62, 210-220.	1.5	14
1047	An unbiased data-driven age-related structural brain parcellation for the identification of intrinsic brain volume changes over the adult lifespan. NeuroImage, 2018, 169, 134-144.	2.1	44
1048	Functional Connectivity Assessment for Episodic Memory by Decoding Theta Wave. International Journal of Cognitive Informatics and Natural Intelligence, 2018, 12, 17-31.	0.4	0
1049	Neuroplastic Changes in Older Adults Performing Cooperative Hand Movements. Frontiers in Human Neuroscience, 2018, 12, 488.	1.0	5
1050	Brain Networks Reorganization During Maturation and Healthy Aging-Emphases for Resilience. Frontiers in Psychiatry, 2018, 9, 601.	1.3	23
1051	Aging of stimulus-driven and goal-directed attentional processes in young immigrants with long-term high altitude exposure in Tibet: An ERP study. Scientific Reports, 2018, 8, 17417.	1.6	14
1052	The Role of Cognitive Reserve in Alzheimer's Disease and Aging: A Multi-Modal Imaging Review. Journal of Alzheimer's Disease, 2018, 66, 1341-1362.	1.2	32
1053	Operationalized definition of older adults with high cognitive performance. Dementia E Neuropsychologia, 2018, 12, 221-227.	0.3	23
1054	Intra-Individual Variability Across Fluid Cognition Can Reveal Qualitatively Different Cognitive Styles of the Aging Brain. Frontiers in Psychology, 2018, 9, 1973.	1.1	25
1055	Using High Frequency Transcranial Random Noise Stimulation to Modulate Face Memory Performance in Younger and Older Adults: Lessons Learnt From Mixed Findings. Frontiers in Neuroscience, 2018, 12, 863.	1.4	11
1056	The effect of aerobic dance intervention on brain spontaneous activity in older adults with mild cognitive impairment: A resting‑state functional MRI study. Experimental and Therapeutic Medicine, 2019, 17, 715-722.	0.8	27
1057	Age Effects on Spatiotemporal Dynamics of Response Inhibition: An MEG Study. Frontiers in Aging Neuroscience, 2018, 10, 386.	1.7	9

#	Article	IF	CITATIONS
1058	Disrupted asymmetry of inter- and intra-hemispheric functional connectivity in patients with drug-naive, first-episode schizophrenia and their unaffected siblings. EBioMedicine, 2018, 36, 429-435.	2.7	32
1059	Maintenance, reserve and compensation: the cognitive neuroscience of healthy ageing. Nature Reviews Neuroscience, 2018, 19, 701-710.	4.9	691
1060	Effect of Rhythmic Auditory Cueing on Aging Gait: A Systematic Review and Meta-Analysis. , 2018, 9, 901.		56
1061	Reduced motor cortex inhibition and a â€~cognitive-first' prioritisation strategy for older adults during dual-tasking. Experimental Gerontology, 2018, 113, 95-105.	1.2	19
1062	Aging and Sequential Strategy Interference: A Magnetoencephalography Study in Arithmetic Problem Solving. Frontiers in Aging Neuroscience, 2018, 10, 232.	1.7	4
1063	Attention-Related Brain Activation Is Altered in Older Adults With White Matter Hyperintensities Using Multi-Echo fMRI. Frontiers in Neuroscience, 2018, 12, 748.	1.4	18
1064	Prefrontal Cortex Activity Predicts Mental Fatigue in Young and Elderly Men During a 2 h "Go/NoGo― Task. Frontiers in Neuroscience, 2018, 12, 620.	1.4	15
1065	Gait Analyses in Mice: Effects of Age and Glutathione Deficiency. , 2018, 9, 634.		11
1066	Inter-network connectivity and amyloid-beta linked to cognitive decline in preclinical Alzheimer's disease: a longitudinal cohort study. Alzheimer's Research and Therapy, 2018, 10, 88.	3.0	15
1067	Aging and Expertise. , 0, , 835-856.		3
1068	Age Differentiation within Gray Matter, White Matter, and between Memory and White Matter in an Adult Life Span Cohort. Journal of Neuroscience, 2018, 38, 5826-5836.	1.7	60
1069	Physical exercise increases involvement of motor networks as a compensatory mechanism during a cognitively challenging task. International Journal of Geriatric Psychiatry, 2018, 33, 1153-1159.	1.3	19
1070	Electrophysiological evidence for preserved primacy of lexical prediction in aging. Neuropsychologia, 2018, 117, 135-147.	0.7	27
1071	Mental Rotation Effect on Adult Immigrants with Long-term Exposure to High Altitude in Tibet: An ERP Study. Neuroscience, 2018, 386, 339-350.	1.1	9
1073	On the impact of interhemispheric white matter: Age, executive functioning, and dedifferentiation in the frontal lobes. International Journal of Geriatric Psychiatry, 2018, 33, 1271-1279.	1.3	2
1074	Hand movement illusions show changes in sensory reliance and preservation of multisensory integration with age for kinaesthesia. Neuropsychologia, 2018, 119, 45-58.	0.7	17
1075	Age-Related Differences in Pro-active Driving Behavior Revealed by EEG Measures. Frontiers in Human Neuroscience, 2018, 12, 321.	1.0	24
1076	Dissociable effects of advanced age on prefrontal cortical and medial temporal lobe ensemble activity. Neurobiology of Aging, 2018, 70, 217-232.	1.5	28

#	Article	IF	CITATIONS
1077	Reduced Syntactic Processing Efficiency in Older Adults During Sentence Comprehension. Frontiers in Psychology, 2018, 9, 243.	1.1	20
1078	Gray Matter Volume and Cognitive Performance During Normal Aging. A Voxel-Based Morphometry Study. Frontiers in Aging Neuroscience, 2018, 10, 235.	1.7	67
1079	Functional Hemispheric (A)symmetries in the Aged Brain—Relevance for Working Memory. Frontiers in Aging Neuroscience, 2018, 10, 58.	1.7	10
1080	Two Different Populations within the Healthy Elderly: Lack of Conflict Detection in Those at Risk of Cognitive Decline. Frontiers in Human Neuroscience, 2018, 11, 658.	1.0	7
1081	Mindfulness-based training with transcranial direct current stimulation modulates neuronal resource allocation in working memory: A randomized pilot study with a nonequivalent control group. Heliyon, 2018, 4, e00685.	1.4	20
1082	Exaggerated reaction to novelty as a predictor of incipient cognitive decline among community-dwelling older adults. Journal of Clinical and Experimental Neuropsychology, 2018, 40, 987-999.	0.8	2
1083	Hippocampal functional connectivity is related to self-reported cognitive concerns in breast cancer patients undergoing adjuvant therapy. NeuroImage: Clinical, 2018, 20, 110-118.	1.4	60
1084	Auditory and Cognitive Training for Cognition in Adults With Hearing Loss: A Systematic Review and Meta-Analysis. Trends in Hearing, 2018, 22, 233121651879209.	0.7	51
1085	Relationship between visuospatial episodic memory, processing speed and executive function: are they stable over a lifespan?. Arquivos De Neuro-Psiquiatria, 2018, 76, 89-92.	0.3	10
1086	Convergence Analysis of Micro-Lesions (CAML): An approach to mapping of diffuse lesions from carotid revascularization. NeuroImage: Clinical, 2018, 18, 553-559.	1.4	0
1087	Diagnostic and prognostic role of semantic processing in preclinical Alzheimer's disease. Biomarkers in Medicine, 2018, 12, 637-651.	0.6	32
1088	Rat Models of Cognitive Aging. , 2018, , 211-230.		1
1089	Proactive vs. reactive car driving: EEG evidence for different driving strategies of older drivers. PLoS ONE, 2018, 13, e0191500.	1.1	20
1090	Pathophysiology & Epidemiology. , 0, , 1-22.		0
1091	HIV infection across aging: Synergistic effects on intrinsic functional connectivity of the brain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 19-30.	2.5	10
1092	Maintained Frontal Activity Underlies High Memory Function Over 8 Years in Aging. Cerebral Cortex, 2019, 29, 3111-3123.	1.6	28
1093	Racial/Ethnic and Nativity Differences in Cognitive Life Expectancies Among Older Adults in the United States. Gerontologist, The, 2019, 59, 281-289.	2.3	84
1094	Reorganization of brain networks and its association with general cognitive performance over the adult lifespan. Scientific Reports, 2019, 9, 11352.	1.6	66

#	Article	IF	CITATIONS
1095	Evaluation of Hemisphere Lateralization with Bilateral Local Field Potential Recording in Secondary Motor Cortex of Mice. Journal of Visualized Experiments, 2019, , .	0.2	2
1096	Default-mode network activation underlies accurate contextual processing of exclusive disjunctions in older but not younger adults. Neurolmage, 2019, 201, 116012.	2.1	0
1097	Interpreting Prefrontal Recruitment During Walking After Stroke: Influence of Individual Differences in Mobility and Cognitive Function. Frontiers in Human Neuroscience, 2019, 13, 194.	1.0	29
1098	The New Science of Practical Wisdom. Perspectives in Biology and Medicine, 2019, 62, 216-236.	0.3	26
1099	Selfâ€initiated learning reveals memory performance and electrophysiological differences between younger, older and older adults with relative memory impairment. European Journal of Neuroscience, 2019, 50, 3855-3872.	1.2	3
1100	Aging of the frontal lobe. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 163, 369-389.	1.0	57
1101	Isoflurane mediated neuropathological and cognitive impairments in the triple transgenic Alzheimer's mouse model are associated with hippocampal synaptic deficits in an age-dependent manner. PLoS ONE, 2019, 14, e0223509.	1.1	7
1102	Aftereffects of Intermittent Theta-Burst Stimulation in Adjacent, Non-Target Muscles. Neuroscience, 2019, 418, 157-165.	1.1	5
1103	Maintaining cognitive function with internet use: a two-country, six-year longitudinal study. International Psychogeriatrics, 2019, 31, 929-936.	0.6	26
1104	Sex Differences in the Neural Correlates of Spatial Context Memory Decline in Healthy Aging. Journal of Cognitive Neuroscience, 2019, 31, 1895-1916.	1.1	17
1106	Testing the influence of musical expertise on novel word learning across the lifespan using a cross-sectional approach in children, young adults and older adults. Brain and Language, 2019, 198, 104678.	0.8	20
1107	Evaluation of Neural Degeneration Biomarkers in the Prefrontal Cortex for Early Identification of Patients With Mild Cognitive Impairment: An fNIRS Study. Frontiers in Human Neuroscience, 2019, 13, 317.	1.0	96
1108	Increased Nucleus Accumbens Connectivity in Resting-State Patients With Drug-Naive, First-Episode Somatization Disorder. Frontiers in Psychiatry, 2019, 10, 585.	1.3	9
1109	Altered motor dynamics in type 1 diabetes modulate behavioral performance. NeuroImage: Clinical, 2019, 24, 101977.	1.4	5
1110	Introducing a Novel Approach for Evaluation and Monitoring of Brain Health Across Life Span Using Direct Non-invasive Brain Network Electrophysiology. Frontiers in Aging Neuroscience, 2019, 11, 248.	1.7	5
1111	Deactivation of somatosensory and visual cortices during vestibular stimulation is associated with older age and poorer balance. PLoS ONE, 2019, 14, e0221954.	1.1	15
1112	Anodal tDCS improves attentional control in older adults. Experimental Gerontology, 2019, 115, 88-95.	1.2	10
1113	A coordinate-based meta-analysis of the n-back working memory paradigm using activation likelihood estimation. Brain and Cognition, 2019, 132, 1-12.	0.8	74

#	Article	IF	Citations
1114	Influences of age, mental workload, and flight experience on cognitive performance and prefrontal activity in private pilots: a fNIRS study. Scientific Reports, 2019, 9, 7688.	1.6	36
1115	Imaging the effects of age on proactive control in healthy adults. Brain Imaging and Behavior, 2019, 13, 1526-1537.	1.1	14
1116	From Synchrony to Asynchrony: Cerebellar–Basal Ganglia Functional Circuits in Young and Older Adults. Cerebral Cortex, 2020, 30, 718-729.	1.6	23
1117	A Verbal Fluency Taskâ€Based Brain Activation fMRI Study in Patients with Crohn's Disease in Remission. Journal of Neuroimaging, 2019, 29, 630-639.	1.0	11
1118	Towards the Understanding of Healthy and Pathological Aging Through MEG. , 2019, , 1-35.		0
1119	Enhanced Global-Brain Functional Connectivity in the Left Superior Frontal Gyrus as a Possible Endophenotype for Schizophrenia. Frontiers in Neuroscience, 2019, 13, 145.	1.4	29
1120	Age-Related Decreases in the Retrieval Practice Effect Directly Relate to Changes in Alpha-Beta Oscillations. Journal of Neuroscience, 2019, 39, 4344-4352.	1.7	12
1121	Online repetitive transcranial magnetic stimulation during working memory in younger and older adults: A randomized within-subject comparison. PLoS ONE, 2019, 14, e0213707.	1.1	45
1123	Music and Visual Art Training Modulate Brain Activity in Older Adults. Frontiers in Neuroscience, 2019, 13, 182.	1.4	35
1124	Functional and effective reorganization of the aging brain during unimanual and bimanual hand movements. Human Brain Mapping, 2019, 40, 3027-3040.	1.9	17
1125	Compensatory Neural Responses to Cognitive Fatigue in Young and Older Adults. Frontiers in Neural Circuits, 2019, 13, 12.	1.4	12
1126	Working Memory, Cognitive Load and Cardiorespiratory Fitness: Testing the CRUNCH Model with Near-Infrared Spectroscopy. Brain Sciences, 2019, 9, 38.	1.1	27
1127	Predictors of Source Memory Success and Failure in Older Adults. Frontiers in Aging Neuroscience, 2019, 11, 17.	1.7	4
1128	Characterizing the Molecular Architecture of Cortical Regions Associated with High Educational Attainment in Older Individuals. Journal of Neuroscience, 2019, 39, 4566-4575.	1.7	18
1129	The influence of age and ASD on verbal fluency networks. Research in Autism Spectrum Disorders, 2019, 63, 52-62.	0.8	19
1130	Effects of in-Scanner Bilateral Frontal tDCS on Functional Connectivity of the Working Memory Network in Older Adults. Frontiers in Aging Neuroscience, 2019, 11, 51.	1.7	51
1131	Neural markers of category-based selective working memory in aging. NeuroImage, 2019, 194, 163-173.	2.1	4
1132	Improvement in cognitive performance and mood in healthy older adults: a multimodal approach. European Journal of Ageing, 2019, 16, 327-336.	1.2	8

#	Article	IF	CITATIONS
1133	Working memory performance in the elderly relates to theta-alpha oscillations and is predicted by parahippocampal and striatal integrity. Scientific Reports, 2019, 9, 706.	1.6	17
1134	Reductions in prefrontal activation predict off-topic utterances during speech production. Nature Communications, 2019, 10, 515.	5.8	33
1135	Episodic memory for visual scenes suggests compensatory brain activity in breast cancer patients: a prospective longitudinal fMRI study. Brain Imaging and Behavior, 2019, 13, 1674-1688.	1.1	13
1136	A neural hallmark of auditory implicit learning is altered in older adults. PLoS ONE, 2019, 14, e0211468.	1.1	0
1137	Everyday Memory in Healthy Aging: Porous but Not Distorted. Frontiers in Aging Neuroscience, 2019, 11, 153.	1.7	5
1138	Effects of Transcranial Direct Current Stimulation Paired With Cognitive Training on Functional Connectivity of the Working Memory Network in Older Adults. Frontiers in Aging Neuroscience, 2019, 11, 340.	1.7	50
1139	Influence of acute combined physical and cognitive exercise on cognitive function: an NIRS study. PeerJ, 2019, 7, e7418.	0.9	37
1140	White Matter Language Pathways and Language Performance in Healthy Adults Across Ages. Frontiers in Neuroscience, 2019, 13, 1185.	1.4	24
1141	Increases and Decreases in Functional Brain Activation in Healthy Older Adults: The Relationships Between Executive Control Circuit Activity, Amyloid Burden, and Education in Healthy Older Adults. American Journal of Geriatric Psychiatry, 2019, 27, 1372-1374.	0.6	0
1142	Editorial: Cognitive and Brain Aging: Interventions to Promote Well-Being in Old Age. Frontiers in Aging Neuroscience, 2019, 11, 268.	1.7	9
1143	Neuroimaging of the Aging Brain. , 2019, , 28-53.		0
1144	The Effect of Aging on Resting State Connectivity of Predefined Networks in the Brain. Frontiers in Aging Neuroscience, 2019, 11, 234.	1.7	130
1146	A Breakdown of Imagined Visuomotor Transformations and Its Neural Correlates in Young Elderly Subjects. Cerebral Cortex, 2019, 29, 1682-1696.	1.6	6
1148	Age-related changes in brain deactivation but not in activation after motor learning. NeuroImage, 2019, 186, 358-368.	2.1	28
1149	Neurobiological effects of transcranial direct current stimulation in younger adults, older adults and mild cognitive impairment. Neuropsychologia, 2019, 125, 51-61.	0.7	33
1150	Neural dynamics of verbal working memory processing in children and adolescents. NeuroImage, 2019, 185, 191-197.	2.1	37
1151	Age-related differences in the neural bases of phonological and semantic processes in the context of task-irrelevant information. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 829-844.	1.0	12
1152	Complex Tensor Factorization With PARAFAC2 for the Estimation of Brain Connectivity From the EEG. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1-12.	2.7	16

#	Article	IF	CITATIONS
1153	Transcranial Doppler Sonography in Neuroergonomics. , 2019, , 35-42.		4
1154	Abnormal cerebellum-DMN regions connectivity in unmedicated bipolar II disorder. Journal of Affective Disorders, 2019, 243, 441-447.	2.0	67
1155	The impact of physical activity and sex differences on intraindividual variability in inhibitory performance in older adults. Aging, Neuropsychology, and Cognition, 2019, 26, 1-23.	0.7	15
1156	Assessment of dietary factors, dietary practices and exercise on mental distress in young adults versus matured adults: A cross-sectional study. Nutritional Neuroscience, 2019, 22, 488-498.	1.5	23
1157	Occupational attainment influences longitudinal decline in behavioral variant frontotemporal degeneration. Brain Imaging and Behavior, 2019, 13, 293-301.	1.1	18
1158	15-Year Secular Trends in Cognitive Function Among Older Adults in the United States. Psychological Reports, 2019, 122, 841-852.	0.9	5
1159	The control of amplitude and direction in a bimanual coordination task. Human Movement Science, 2019, 65, 111-120.	0.6	6
1160	Compensatory dopaminergic-cholinergic interactions in conflict processing: Evidence from patients with Parkinson's disease. Neurolmage, 2019, 190, 94-106.	2.1	17
1161	Diminished Locomotor Control Is Associated With Reduced Neurovascular Coupling in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1516-1522.	1.7	8
1162	A systematic review of physical activity and cardiorespiratory fitness on P3b. Psychophysiology, 2020, 57, e13425.	1.2	62
1163	Which Phish Is on the Hook? Phishing Vulnerability for Older Versus Younger Adults. Human Factors, 2020, 62, 704-717.	2.1	25
1164	Multimodal coding and strategic approach in young and older adults' visual working memory performance. Aging, Neuropsychology, and Cognition, 2020, 27, 83-113.	0.7	4
1165	A systematic review and meta-analysis of rTMS effects on cognitive enhancement in mild cognitive impairment and Alzheimer's disease. Neurobiology of Aging, 2020, 86, 1-10.	1.5	153
1166	Age affects the contribution of ipsilateral brain regions to movement kinematics. Human Brain Mapping, 2020, 41, 640-655.	1.9	12
1167	Age-Related Differences in Functional Asymmetry During Memory Retrieval Revisited: No Evidence for Contralateral Overactivation or Compensation. Cerebral Cortex, 2020, 30, 1129-1147.	1.6	12
1168	Reorientation by features and geometry: Effects of healthy and degenerative age-related cognitive decline. Learning and Behavior, 2020, 48, 124-134.	0.5	1
1169	Age-related differences in brain activation during working memory updating: An fMRI study. Neuropsychologia, 2020, 138, 107335.	0.7	19
1170	Functional and structural correlates of working memory performance and stability in healthy older adults. Brain Structure and Function, 2020, 225, 375-386.	1.2	17

#	Article	IF	CITATIONS
1171	Changes in brain activation related to visuo-spatial memory after real-time fMRI neurofeedback training in healthy elderly and Alzheimer's disease. Behavioural Brain Research, 2020, 381, 112435.	1.2	8
1172	Asymmetry in the aging brain: A narrative review of cortical activation patterns and implications for motor function. Laterality, 2020, 25, 413-429.	0.5	14
1173	Shared neural recruitment across working memory and motor control tasks as a function of task difficulty and age. Aging, Neuropsychology, and Cognition, 2020, 27, 864-879.	0.7	3
1174	Highâ€definition transcranial direct current stimulation dissociates frontoâ€visual theta lateralization during visual selective attention. Journal of Physiology, 2020, 598, 987-998.	1.3	14
1175	Plasticity in brain activity dynamics after task-shifting training in older adults. Neuropsychologia, 2020, 136, 107285.	0.7	5
1176	Multielectrode Transcranial Electrical Stimulation of the Left and Right Prefrontal Cortices Differentially Impacts Verbal Working Memory Neural Circuitry. Cerebral Cortex, 2020, 30, 2389-2400.	1.6	14
1177	Age related differences in the recognition of facial expression: Evidence from EEG event-related brain oscillations. International Journal of Psychophysiology, 2020, 147, 244-256.	0.5	10
1178	A consensus guide to using functional near-infrared spectroscopy in posture and gait research. Gait and Posture, 2020, 82, 254-265.	0.6	75
1179	Increased functional homotopy of the prefrontal cortex is associated with corpus callosum degeneration and working memory decline. Neurobiology of Aging, 2020, 96, 68-78.	1.5	12
1180	Differences between young and older adults in unity and diversity of executive functions. Aging, Neuropsychology, and Cognition, 2021, 28, 829-854.	0.7	15
1181	Prefrontal gating of sensory input differentiates cognitively impaired and unimpaired aging adults with HIV. Brain Communications, 2020, 2, fcaa080.	1.5	23
1182	A Review on Treatment-Related Brain Changes in Aphasia. Neurobiology of Language (Cambridge, Mass), 2020, 1, 402-433.	1.7	18
1183	Electrophysiological correlates of the Categorization Working Memory Span task in older adults. Behavioural Brain Research, 2020, 393, 112809.	1.2	2
1184	Diffusion Tensor Imaging Revealing the Relation of Age-Related Differences in the Corpus Callosum With Cognitive Style. Frontiers in Human Neuroscience, 2020, 14, 285.	1.0	3
1185	Age-related decline of neuroplasticity to intermittent theta burst stimulation of the lateral prefrontal cortex and its relationship with late-life memory performance. Clinical Neurophysiology, 2020, 131, 2181-2191.	0.7	13
1186	The Neural Correlates of Visual and Auditory Cross-Modal Selective Attention in Aging. Frontiers in Aging Neuroscience, 2020, 12, 498978.	1.7	6
1187	Neural Generators Underlying Temporal Envelope Processing Show Altered Responses and Hemispheric Asymmetry Across Age. Frontiers in Aging Neuroscience, 2020, 12, 596551.	1.7	13
1188	Is there electrophysiological evidence for a bilingual advantage in neural processes related to executive functions?. Neuroscience and Biobehavioral Reviews, 2020, 118, 315-330.	2.9	24

#	Article	IF	CITATIONS
1189	Age-related prefrontal cortex activation in associative memory: An fNIRS pilot study. NeuroImage, 2020, 222, 117223.	2.1	7
1190	Age-related decline in interhemispheric transfer of tactile information: The fingertip cross-localization task. Journal of Clinical Neuroscience, 2020, 77, 75-80.	0.8	1
1191	Asymmetric <scp>tumorâ€related</scp> alterations of <scp>networkâ€specific</scp> intrinsic functional connectivity in glioma patients. Human Brain Mapping, 2020, 41, 4549-4561.	1.9	24
1192	Impaired error awareness in healthy older adults: an age group comparison study. Neurobiology of Aging, 2020, 96, 58-67.	1.5	10
1193	Affect in the Aging Brain: A Neuroimaging Meta-Analysis of Older Vs. Younger Adult Affective Experience and Perception. Affective Science, 2020, 1, 128-154.	1.5	12
1194	The age-related trajectory of visual attention neural function is altered in adults living with HIV: A cross-sectional MEG study. EBioMedicine, 2020, 61, 103065.	2.7	15
1195	Cerebellar and prefrontal-cortical engagement during higher-order rule learning in older adulthood. Neuropsychologia, 2020, 148, 107620.	0.7	9
1196	Prefrontal Cortex Activity During Walking: Effects of Aging and Associations With Gait and Executive Function. Neurorehabilitation and Neural Repair, 2020, 34, 915-924.	1.4	55
1197	Interaction between Cognitive Reserve and Biomarkers in Alzheimer Disease. International Journal of Molecular Sciences, 2020, 21, 6279.	1.8	10
1198	Neural correlates of verbal recognition memory in obese adults with and without major depressive disorder. Brain and Behavior, 2020, 10, e01848.	1.0	5
1199	Age-related differences of motor cortex plasticity in adults: A transcranial direct current stimulation study. Brain Stimulation, 2020, 13, 1588-1599.	0.7	47
1200	Yoga and Spirituality in Mental Health: Illness to Wellness. Indian Journal of Psychological Medicine, 2020, 42, 411-420.	0.6	7
1201	Alterations of Brain Functional Networks in Older Adults: A Resting-state fMRI Study Using Graph Theory. , 2020, , .		1
1202	Genetic Risk, Vascular Function, and Subjective Cognitive Complaints Predict Objective Cognitive Function in Healthy Older Adults: Results From the Brain in Motion Study. Frontiers in Integrative Neuroscience, 2020, 14, 571683.	1.0	2
1203	Concurrent alterations of white matter microstructure and functional activities in medication-free major depressive disorder. Brain Imaging and Behavior, 2021, 15, 2159-2167.	1.1	6
1204	Functional magnetic resonance imaging of the trail-making test in older adults. PLoS ONE, 2020, 15, e0232469.	1.1	19
1205	The same, but different: Preserved distractor suppression in old age is implemented through an <scp>ageâ€specific</scp> reactive ventral <scp>frontoâ€parietal</scp> network. Human Brain Mapping, 2020, 41, 3938-3955.	1.9	2
1206	The association between cognitive reserve and performance-related brain activity during episodic encoding and retrieval across the adult lifespan. Cortex, 2020, 129, 296-313.	1.1	9

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#	Article	IF	Citations
1207	Repetitive Transcranial Magnetic Stimulation Improved Source Memory and Modulated Recollection-Based Retrieval in Healthy Older Adults. Frontiers in Psychology, 2020, 11, 1137.	1.1	11
1208	Exoskeleton-assisted gait in chronic stroke: An EMG and functional near-infrared spectroscopy study of muscle activation patterns and prefrontal cortex activity. Clinical Neurophysiology, 2020, 131, 1775-1781.	0.7	23
1209	Aging Effects on Brain and Cognition: What Do We Learn from a Strategy Perspective?. , 2020, , 127-146.		4
1210	The moderating effect of bilingualism on lifespan cognitive development. Cognitive Development, 2020, 55, 100890.	0.7	7
1211	Functional brain changes in the elderly for the perception of hand movements: A greater impairment occurs in proprioception than touch. NeuroImage, 2020, 220, 117056.	2.1	16
1212	The oscillatory mechanisms associated with syntactic binding in healthy ageing. Neuropsychologia, 2020, 146, 107523.	0.7	13
1213	Tai Chi Training Evokes Significant Changes in Brain White Matter Network in Older Women. Healthcare (Switzerland), 2020, 8, 57.	1.0	30
1214	Network analysis of the structure and change in the mini-mental state examination: a nationally representative sample. Social Psychiatry and Psychiatric Epidemiology, 2020, 55, 1363-1371.	1.6	1
1215	Functional network reorganization in older adults: Graph-theoretical analyses of age, cognition and sex. NeuroImage, 2020, 214, 116756.	2.1	76
1216	Longitudinal Changes in Whole-Brain Functional Connectivity Strength Patterns and the Relationship With the Global Cognitive Decline in Older Adults. Frontiers in Aging Neuroscience, 2020, 12, 71.	1.7	16
1217	Perceptions of older adult jurors: the influence of aging stereotypes and jury laws. Psychology, Crime and Law, 2020, 26, 648-666.	0.8	2
1218	The role of cognitive reserve on prefrontal and premotor cortical activity in visuo-motor response tasks in healthy old adults. Neurobiology of Aging, 2020, 94, 185-195.	1.5	6
1219	Ankle control differentiation as a mechanism for mobility limitations. Neuroscience Letters, 2020, 732, 135085.	1.0	1
1220	Magnification of visual feedback modulates corticomuscular and intermuscular coherences differently in young and elderly adults. NeuroImage, 2020, 220, 117089.	2.1	15
1221	Motor neuroplasticity: A MEG-fMRI study of motor imagery and execution in healthy ageing. Neuropsychologia, 2020, 146, 107539.	0.7	13
1222	Performance on the standard and hearingâ€impaired Montreal Cognitive Assessment in cochlear implant users. International Journal of Geriatric Psychiatry, 2020, 35, 338-347.	1.3	7
1223	Effects of aging on encoding of walking direction in the human brain. Neuropsychologia, 2020, 141, 107379.	0.7	11
1224	Multimodal Imaging of Brain Activity to Investigate Walking and Mobility Decline in Older Adults (Mind in Motion Study): Hypothesis, Theory, and Methods. Frontiers in Aging Neuroscience, 2019, 11, 358.	1.7	20

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		CITATION REPORT		
#	Article	I	F	CITATIONS
1225	Unraveling the Relation between EEG Correlates of Attentional Orienting and Sound Localization Performance: A Diffusion Model Approach. Journal of Cognitive Neuroscience, 2020, 32, 945-9	on 1 62.	.1	12
1226	Alterations of White Matter Microstructure in Subcortical Vascular Mild Cognitive Impairment and without Depressive Symptoms. Journal of Alzheimer's Disease, 2020, 73, 1565-1573.	with 1	2	7
1227	Decreased Dynamic Segregation but Increased Dynamic Integration of the Resting-state Funct Networks During Normal Aging. Neuroscience, 2020, 437, 54-63.	ional 1	.1	21
1228	Changes in Speech-Related Brain Activity During Adaptation to Electro-Acoustic Hearing. Front Neurology, 2020, 11, 161.	iers in 1	.1	7
1229	Neural mechanisms supporting emotional and self-referential information processing and enco older and younger adults. Social Cognitive and Affective Neuroscience, 2020, 15, 405-421.	ding in 1	5	7
1230	Stronger bilateral functional connectivity of the frontoparietal control network in near-centenarians and centenarians without dementia. NeuroImage, 2020, 215, 116855.	2	2.1	13
1231	EEG Effective Source Projections Are More Bilaterally Symmetric in Infants Than in Adults. From in Human Neuroscience, 2020, 14, 82.	tiers 1	.0	9
1232	Asymmetrical Brain Plasticity: Physiology and Pathology. Neuroscience, 2021, 454, 3-14.	1	.1	24
1233	Salience and defaultâ€mode network connectivity during threat and safety processing in older Human Brain Mapping, 2021, 42, 14-23.	adults. 1	.9	7
1234	Strategic prioritisation enhances young and older adults' visual feature binding in working Quarterly Journal of Experimental Psychology, 2021, 74, 363-376.	memory. O).6	11
1235	Aging and the preference for the human touch. Journal of Services Marketing, 2021, 35, 29-40.	. 1	7	3
1236	Independent Contributions of Dorsolateral Prefrontal Structure and Function to Working Mem in Healthy Older Adults. Cerebral Cortex, 2021, 31, 1732-1743.	ory 1	6	18
1237	Interhemispheric differences in P1 and N1 amplitude in EEG and MEG differ across older individ with a concussion compared with ageâ€matched controls. Psychophysiology, 2021, 58, e1375	uals 1 1. 1	.2	3
1238	Aging Modulates Prefrontal Plasticity Induced by Executive Control Training. Cerebral Cortex, 2 31, 809-825.	.021, 1	6	7
1239	Quantitative Evaluation of Age-Related Effects Based on Oxygenation Dynamic Signals During Wisconsin Card Sorting Test. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27	the 1 , 1-5. 1	.9	0
1240	Educational Benefits and Cognitive Health Life Expectancies: Racial/Ethnic, Nativity, and Gende Disparities. Gerontologist, The, 2021, 61, 330-340.	r 2	2.3	28
1241	Response initiation and inhibition and the relationship with fluid intelligence across the adult lifespan. Archives of Clinical Neuropsychology, 2021, 36, 231-242.	().3	14
1242	Alterations in Diffusion Measures of White Matter Integrity Associated with Healthy Aging. Jou of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 945-954.	rnals 1	7	23

#	Article	IF	CITATIONS
1243	Memory: behavior and neural basis. , 2021, , 53-66.		0
1245	Neurocognitive Empowerment in Healthy Aging: a Pilot Study on the Effect of Non-invasive Brain Stimulation on Executive Functions. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2021, 5, 343-350.	0.8	0
1246	Role of dopamine and gray matter density in aging effects and individual differences of functional connectomes. Brain Structure and Function, 2021, 226, 743-758.	1.2	9
1247	Cognition in Healthy Aging. International Journal of Environmental Research and Public Health, 2021, 18, 962.	1.2	18
1249	Cognitive Reserve in Model Systems for Mechanistic Discovery: The Importance of Longitudinal Studies. Frontiers in Aging Neuroscience, 2020, 12, 607685.	1.7	40
1250	Ageing in Better Mental. International Perspectives on Aging, 2021, , 201-354.	0.2	0
1251	The Benefits of Physical Activity in Individuals with Cardiovascular Risk Factors: A Longitudinal Investigation Using fNIRS and Dual-Task Walking. Journal of Clinical Medicine, 2021, 10, 579.	1.0	11
1252	Reorganization of brain structural networks in aging: A longitudinal study. Journal of Neuroscience Research, 2021, 99, 1354-1376.	1.3	18
1253	Investigating the effects of healthy cognitive aging on brain functional connectivity using 4.7ÂT resting-state functional magnetic resonance imaging. Brain Structure and Function, 2021, 226, 1067-1098.	1.2	15
1255	Brain aging and speech perception: Effects of background noise and talker variability. NeuroImage, 2021, 227, 117675.	2.1	18
1256	Molecular Factors Mediating Neural Cell Plasticity Changes in Dementia Brain Diseases. Neural Plasticity, 2021, 2021, 1-20.	1.0	13
1257	Deterioration, Compensation and Motor Control Processes in Healthy Aging, Mild Cognitive Impairment and Alzheimer's Disease. Geriatrics (Switzerland), 2021, 6, 33.	0.6	17
1258	Dissociable electrophysiological measures of natural language processing reveal differences in speech comprehension strategy in healthy ageing. Scientific Reports, 2021, 11, 4963.	1.6	38
1259	Microgravity effects on the human brain and behavior: Dysfunction and adaptive plasticity. Neuroscience and Biobehavioral Reviews, 2021, 122, 176-189.	2.9	45
1260	A Novel Program to Improve Cognitive Function in Individuals With Dementia Using Transcranial Alternating Current Stimulation (tACS) and Tutored Cognitive Exercises. Frontiers in Aging, 2021, 2, .	1.2	15
1262	Age-related deterioration of performance and increase of cortex activity comparing time- versus item-controlled fNIRS measurement. Scientific Reports, 2021, 11, 6766.	1.6	3
1263	A Meta-Analysis of Line Bisection and Landmark Task Performance in Older Adults. Neuropsychology Review, 2022, 32, 438-457.	2.5	16
1264	The Relationship Between Cognition and Cerebrovascular Reactivity: Implications for Task-Based fMRI. Frontiers in Physics, 2021, 9, .	1.0	14

#	Article	IF	CITATIONS
1265	Insight is not always the same: differences between true, false, and induced insights in the matchstick arithmetic task. Journal of Cognitive Psychology, 2021, 33, 700-717.	0.4	7
1266	Event-Related Potentials, Inhibition, and Risk for Alzheimer's Disease Among Cognitively Intact Elders. Journal of Alzheimer's Disease, 2021, 80, 1413-1428.	1.2	8
1267	Using concept typicality to explore semantic representation and control in healthy ageing. Cognitive Processing, 2021, 22, 539-552.	0.7	3
1268	Neural Control of Human Locomotor Adaptation: Lessons about Changes with Aging. Neuroscientist, 2022, 28, 469-484.	2.6	17
1269	The Effects of Amyloid and Tau on Functional Network Connectivity in Older Populations. Brain Connectivity, 2021, 11, 599-612.	0.8	7
1270	Prefrontal Plasticity after a 3-Month Exercise Intervention in Older Adults Relates to Enhanced Cognitive Performance. Cerebral Cortex, 2021, 31, 4501-4517.	1.6	7
1271	Distributed functional connectivity predicts neuropsychological test performance among older adults. Human Brain Mapping, 2021, 42, 3305-3325.	1.9	9
1273	Alzheimer's Pathology Is Associated with Dedifferentiation of Intrinsic Functional Memory Networks in Aging. Cerebral Cortex, 2021, 31, 4781-4793.	1.6	24
1274	Sex-Related Differences in White Matter Asymmetry and Its Implications for Verbal Working Memory in Psychosis High-Risk State. Frontiers in Psychiatry, 2021, 12, 686967.	1.3	7
1275	A comprehensive score reflecting memoryâ€related <scp>fMRI</scp> activations and deactivations as potential biomarker for neurocognitive aging. Human Brain Mapping, 2021, 42, 4478-4496.	1.9	22
1276	The ironic effect of older adults' increased task motivation: Implications for neurocognitive aging. Psychonomic Bulletin and Review, 2021, 28, 1743-1754.	1.4	15
1277	Functional connectivity of cerebellar dentate nucleus and cognitive impairments in patients with drug-naive and first-episode schizophrenia. Psychiatry Research, 2021, 300, 113937.	1.7	10
1278	Quantifying Age-Related Changes in Brain and Behavior: A Longitudinal versus Cross-Sectional Approach. ENeuro, 2021, 8, ENEURO.0273-21.2021.	0.9	3
1279	Dedifferentiation of Functional Brain Activation Associated With Greater Visual Discrimination Accuracy in Middle-Aged and Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 651284.	1.7	6
1280	Lateralization of Resting-State Networks in Children: Association with Age, Sex, Handedness, Intelligence Quotient, and Behavior. Brain Connectivity, 2022, 12, 246-259.	0.8	9
1281	How Do We Motorically Resonate in Aging? A Compensatory Role of Prefrontal Cortex. Frontiers in Aging Neuroscience, 2021, 13, 694676.	1.7	4
1282	Spatial asymmetries ("pseudoneglectâ€) in free visual exploration—modulation of age and relationship to line bisection. Experimental Brain Research, 2021, 239, 2693-2700.	0.7	5
1283	Cognitive and Motor Cortical Activity During Cognitively Demanding Stepping Tasks in Older People at Low and High Risk of Falling. Frontiers in Medicine, 2021, 8, 554231.	1.2	6

#	Article	IF	CITATIONS
1284	Lifelong Bilingualism Functions as an Alternative Intervention for Cognitive Reserve Against Alzheimer's Disease. Frontiers in Psychiatry, 2021, 12, 696015.	1.3	4
1285	Language attrition: A matter of brain plasticity?. LIA Language, Interaction and Acquisition, 2021, 12, 110-132.	0.1	1
1286	Age Differences in Multimodal Quantitative Sensory Testing and Associations With Brain Volume. Innovation in Aging, 2021, 5, igab033.	0.0	6
1287	When the time is right: Temporal dynamics of brain activity in healthy aging and dementia. Progress in Neurobiology, 2021, 203, 102076.	2.8	21
1288	Engagement of Language and Domain General Networks during Word Monitoring in a Native and Unknown Language. Brain Sciences, 2021, 11, 1063.	1.1	5
1289	Connectome-based model predicts episodic memory performance in individuals with subjective cognitive decline and amnestic mild cognitive impairment. Behavioural Brain Research, 2021, 411, 113387.	1.2	9
1290	Age-related Reductions in Manual Asymmetry with Increased Visuospatial Demands. International Journal of Motor Control and Learning, 2021, 3, 1-10.	0.2	0
1291	A Multivariate Assessment of Age-Related Cognitive Impairment in Octodon degus. Frontiers in Integrative Neuroscience, 2021, 15, 719076.	1.0	6
1292	Age affects pigeons' (Columba livia) memory capacity but not representation of serial order during a locomotor sequential-learning task. Scientific Reports, 2021, 11, 17162.	1.6	4
1293	Semantic Congruence Drives Long-Term Memory and Similarly Affects Neural Retrieval Dynamics in Young and Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 683908.	1.7	1
1294	Brain Activity in the Prefrontal Cortex during Cognitive Tasks and Dual Tasks in Community-Dwelling Elderly People with Pre-Frailty: A Pilot Study for Early Detection of Cognitive Decline. Healthcare (Switzerland), 2021, 9, 1250.	1.0	5
1295	Benefits from one session of deep and slow breathing on vagal tone and anxiety in young and older adults. Scientific Reports, 2021, 11, 19267.	1.6	32
1296	Altered Functional Connectivity Strength at Rest in Medication-Free Obsessive-Compulsive Disorder. Neural Plasticity, 2021, 2021, 1-9.	1.0	6
1297	Age-related episodic memory decline and the role of amyloid-β: a systematic review. Dementia E Neuropsychologia, 2021, 15, 299-313.	0.3	5
1299	Short- and Long-Term Functional Connectivity Differences Associated with Alzheimer's Disease Progression. Dementia and Geriatric Cognitive Disorders Extra, 2022, 11, 235-249.	0.6	8
1300	Individualized tDCS modeling predicts functional connectivity changes within the working memory network in older adults. Brain Stimulation, 2021, 14, 1205-1215.	0.7	31
1301	Temporal Alterations to Central Auditory Processing without Synaptopathy after Lifetime Exposure to Environmental Noise. Cerebral Cortex, 2021, , .	1.6	2
1302	Classification of visuomotor tasks based on electroencephalographic data depends on age-related differences in brain activity patterns. Neural Networks, 2021, 142, 363-374.	3.3	4

#	Article	IF	CITATIONS
1303	Prefrontal Cortical Activity During Preferred and Fast Walking in Young and Older Adults: An fNIRS Study. Neuroscience, 2021, 473, 81-89.	1.1	13
1304	When functional blurring becomes deleterious: Reduced system segregation is associated with less white matter integrity and cognitive decline in aging. NeuroImage, 2021, 242, 118449.	2.1	25
1305	Aging and the (Chemical) Senses: Implications for Food Behaviour Amongst Elderly Consumers. Foods, 2021, 10, 168.	1.9	23
1306	Cognitive reserve and brain maintenance in aging and dementia: An integrative review. Applied Neuropsychology Adult, 2022, 29, 1615-1625.	0.7	26
1307	Hearing Impaired Participants Improve More Under Envelope-Transcranial Alternating Current Stimulation When Signal to Noise Ratio Is High. Neuroscience Insights, 2021, 16, 263310552098885.	0.9	3
1308	Neuroprotection and Neurocognitive Augmentation by Photobiomodulation. Contemporary Clinical Neuroscience, 2021, , 165-207.	0.3	5
1309	Cerebellar Dentate Connectivity across Adulthood: A Large-Scale Resting State Functional Connectivity Investigation. Cerebral Cortex Communications, 2021, 2, tgab050.	0.7	9
1312	Synapse: A Clinical Trial Examining the Impact of Actively Engaging the Aging Mind. , 2011, , 67-83.		3
1313	Cognitive Neuroscience Approaches to Individual Differences in Working Memory and Executive Control: Conceptual and Methodological Issues. Plenum Series on Human Exceptionality, 2010, , 87-107.	2.0	81
1314	Executive Dysfunction During Normal and Abnormal Aging. , 2019, , 155-175.		6
1315	Using fMRI Analysis to Unpack a Portion of Prospect Theory for Advertising/Marketing Understanding. Developments in Marketing Science: Proceedings of the Academy of Marketing Science, 2016, , 453-470.	0.1	1
1316	Effects of Age and Gender. , 2001, , 167-174.		6
1317	Aging, neurocognitive reserve, and the healthy brain. Psychology of Learning and Motivation - Advances in Research and Theory, 2019, , 175-213.	0.5	4
1318	Unmasking the relevance of hemispheric asymmetries—Break on through (to the other side). Progress in Neurobiology, 2020, 192, 101823.	2.8	29
1319	Using fMRI to study cognitive function and its modulation in sleep-deprived persons: a selective overview. , 2012, , 7-22.		1
1322	Handicapped Due to Age?. Journal of Psychophysiology, 2012, 26, 132-144.	0.3	12
1323	Age Effects on Adjustments of Performance Monitoring to Task Difficulty. Journal of Psychophysiology, 2012, 26, 145-153.	0.3	12
1324	Inefficient Encoding as an Explanation for Age-Related Deficits in Recollection-Based Processing. Journal of Psychophysiology, 2014, 28, 148-161.	0.3	25
#	Article	IF	CITATIONS
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1325	Noninvasive Brain Stimulation for the Study of Memory Enhancement in Aging. European Psychologist, 2016, 21, 41-54.	1.8	14
1326	Developmental trajectory of pseudoneglect in adults using the greyscales task Developmental Psychology, 2016, 52, 1937-1943.	1.2	12
1327	Reduced parahippocampal theta activity during spatial navigation in low, but not in high elderly performers Neuropsychology, 2018, 32, 40-53.	1.0	8
1328	The role of stimulus complexity and salience in memory for face–name associations in healthy adults: Friend or foe?. Psychology and Aging, 2017, 32, 489-505.	1.4	7
1329	Music to my ears: Age-related decline in musical and facial emotion recognition Psychology and Aging, 2017, 32, 698-709.	1.4	17
1330	Repetition lag training eliminates age-related recollection deficits (and gains are maintained after) Tj ETQq1 1 0.74 and Aging, 2018, 33, 93-108.	84314 rgE 1.4	BT /Overlock 11
1331	Fixation reinstatement supports visuospatial memory in older adults Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 1119-1127.	0.7	27
1332	Effects of Auditory and Cognitive Aging on Communication. Perspectives on Hearing and Hearing Disorders Research and Research Diagnostics, 2006, 10, 10.	0.4	1
1333	Audition and Cognition: Where Lab Meets Clinic. ASHA Leader, 2008, 13, 14-17.	0.2	3
1334	Emotion lateralisation: developments throughout the lifespan. Laterality, 2012, 17, 389-411.	0.5	13
1335	Age-Related Changes in Hemispheric Organization. , 2004, , 325-353.		19
1340	The Contribution of Functional Brain Imaging to Our Understanding of Cognitive Aging. Science of Aging Knowledge Environment: SAGE KE, 2003, 2003, 2pe-2.	0.9	10
1341	All in Your Mind. Science of Aging Knowledge Environment: SAGE KE, 2003, 2003, 3ns-3.	0.9	1
1342	Age-related changes in brain activity across the adult lifespan. Journal of Cognitive Neuroscience, 2006, 18, 227-41.	1.1	240
1344	Normal Adult Aging and the Contextual Influences Affecting Speech and Meaningful Sound Perception. , 0, .		1
1345	Age Differences in Neural Activity during Slot Machine Gambling: An fMRI Study. PLoS ONE, 2012, 7, e49787.	1.1	14
1346	The Relationship between Cerebral Glucose Metabolism and Age: Report of a Large Brain PET Data Set. PLoS ONE, 2012, 7, e51517.	1.1	47
1347	Premotor-Motor Interhemispheric Inhibition Is Released during Movement Initiation in Older but Not Young Adults. PLoS ONE, 2012, 7, e52573.	1.1	47

#	Article	IF	CITATIONS
1348	Age-Related Differences in Cortical Activity during a Visuo-Spatial Working Memory Task with Facial Stimuli. PLoS ONE, 2013, 8, e75778.	1.1	10
1349	The Cognitive Control of Memory: Age Differences in the Neural Correlates of Successful Remembering and Intentional Forgetting. PLoS ONE, 2014, 9, e87010.	1.1	26
1350	Adaptation of Brain Functional and Structural Networks in Aging. PLoS ONE, 2015, 10, e0123462.	1.1	25
1351	Does Older Adults' Cognitive Function Disrupt the Malleability of Their Attitudes toward Outgroup Members?: An fMRI Investigation. PLoS ONE, 2016, 11, e0152698.	1.1	14
1352	Moderate-Heavy Alcohol Consumption Lifestyle in Older Adults Is Associated with Altered Central Executive Network Community Structure during Cognitive Task. PLoS ONE, 2016, 11, e0160214.	1.1	24
1353	Increased risk for age-related impairment in visual attention associated with mild traumatic brain injury: Evidence from saccadic response times. PLoS ONE, 2017, 12, e0171752.	1.1	4
1354	To boost or to CRUNCH? Effect of effortful encoding on episodic memory in older adults is dependent on executive functioning. PLoS ONE, 2017, 12, e0174217.	1.1	6
1355	Neural correlates of motor-cognitive dual-tasking in young and old adults. PLoS ONE, 2017, 12, e0189025.	1.1	43
1356	Reduced parietofrontal effective connectivity during a working-memory task in people with high delusional ideation. Journal of Psychiatry and Neuroscience, 2019, 44, 195-204.	1.4	7
1357	Environmental factors between normal and superagers in an Argentine cohort. Dementia E Neuropsychologia, 2020, 14, 345-349.	0.3	6
1359	Patterns of brain atrophy associated with episodic memory and semantic fluency decline in aging. Aging, 2017, 9, 741-752.	1.4	25
1360	Functional human CRIN2B promoter polymorphism and variation of mental processing speed in older adults. Aging, 2017, 9, 1293-1306.	1.4	5
1361	Cerebral hemodynamics and the aging brain. International Journal of Clinical Neurosciences and Mental Health, 2014, , S07.	0.7	6
1362	NEURAL CORRELATES MEDIATING AGE DIFFERENCES IN EPISODIC MEMORIES: EVIDENCE FROM BOLD CONTRASTS AND CONNECTIVITY ANALYSES. Psychologia, 2012, 55, 112-130.	0.3	7
1363	Does a Physically Active Lifestyle Attenuate Decline in All Cognitive Functions in Old Age?. Current Aging Science, 2013, 6, 189-198.	0.4	22
1364	Word Retrieval by Verbal Fluency Tasks for Young and Old People: An fNIR Study. Clinical Archives of Communication Disorders, 2018, 3, 52-58.	0.3	3
1365	Assessing Video Games to Improve Driving Skills: A Literature Review and Observational Study. JMIR Serious Games, 2014, 2, e5.	1.7	16
1366	The aging mind: neuroplasticity in response to cognitive training. Dialogues in Clinical Neuroscience, 2013, 15, 109-119.	1.8	266

#	Article	IF	CITATIONS
1367	Stability of auditory discrimination and novelty processing in physiological aging. Behavioural Neurology, 2013, 27, 193-200.	1.1	8
1370	Theoretical, behavioral and neuroimage evidence on discourse processing aging Psychology and Neuroscience, 2009, 2, 101-109.	0.5	8
1371	Preliminary evidence for the feasibility of at-home online cognitive training with older adults. Gerontechnology, 2013, 12, 26-35.	0.0	23
1372	Développement intellectuel au cours du cycle de vie : sources de variabilité et niveaux d'analys. Annee Psychologique, 2008, 108, 757.	0.2	5
1373	Le vieillissement neurocognitifÂ: entre pertes et compensation. Annee Psychologique, 2015, 115, 289-324.	0.2	2
1374	Task-related brain oscillations in normal aging. Health, 2012, 04, 762-768.	0.1	4
1375	Z-Score EEG Biofeedback: Past, Present, and Future. Biofeedback, 2019, 47, 89-103.	0.3	7
1376	Neural Mechanisms for Dual-Process Reasoning: Evidence from the Belief-Bias Effect. , 0, , .		1
1377	Prefrontal cortical activation measured by fNIRS during walking: effects of age, disease and secondary task. PeerJ, 2019, 7, e6833.	0.9	61
1378	Age-Related Changes in Cognition and Speech Perception. Korean Journal of Audiology, 2013, 17, 54.	0.7	9
1379	Neural regions associated with gain-loss frequency and average reward in older and younger adults. Neurobiology of Aging, 2021, 109, 247-258.	1.5	0
1380	Working Memory Training and Cortical Arousal in Healthy Older Adults: A Resting-State EEG Pilot Study. Frontiers in Aging Neuroscience, 2021, 13, 718965.	1.7	5
1381	fMRI of Memory in Aging and Dementia. , 2006, , 221-244.		1
1383	Changes of Regional Activation to a Spatial Cognition Task with Aging: An fMRI Study. IFMBE Proceedings, 2009, , 1792-1795.	0.2	0
1384	fMRI in Neurodegenerative Diseases: From Scientific Insights to Clinical Applications. Neuromethods, 2009, , 657-680.	0.2	0
1385	18 Functional MRI Studies in Aging and Early Alzheimer's Disease: Predicting Clinical Decline. , 2009, , 293-304.		0
1386	7 Compensatory Reorganization of Brain Networks in Older Adults. , 2009, , 105-114.		0
1388	Das GedÃ e htnis im Alter. , 2010, , 54-63.		0

	CITATION RE	PORT	
#	Article	IF	CITATIONS
1389	fMRI of Memory in Aging and Dementia. , 2010, , 161-182.		0
1390	Functional MRI Studies of Memory in Aging, Mild Cognitive Impairment, and Alzheimer's Disease. , 2011, , 419-453.		0
1391	The Effect of Neurofeedback Training on Age differences groups in Adolescence. Journal of the Korea Academia-Industrial Cooperation Society, 2011, 12, 2561-2566.	0.0	4
1392	The Components of Aging. , 2011, , .		7
1393	Cognitive Aging. , 2012, , 560-563.		0
1394	Funciones ejecutivas en adultos mayores alfabetizados y no alfabetizados. Revista Chilena De NeuropsicologÃa, 2012, 7, 127-133.	0.0	2
1395	Cognition et imagerie cérébrale : contrastes entre vieillissement normal et maladie d'Alzheimer. , 2013, , 89-109.		0
1396	GedÃ ¤ htnis. , 2013, , 393-407.		1
1397	Aging, dementia, and disorders of cognition. , 2013, , 835-862.		1
1398	Gedähtnissysteme und Taxonomie von Gedähtnisstörungen. , 2013, , 14-30.		2
1399	Altersabhägige Effekte. , 2013, , 215-227.		0
1400	Neuroimaging of Attention. , 2014, , 829-889.		Ο
1402	Estimulación cerebral no invasiva, redes neuronales y diferencias individuales moduladoras. , 2014, , 41-54.		0
1403	Dementia Due to Neurodegenerative Disease: Molecular Imaging Findings. , 2014, , 185-211.		1
1404	Towards the Understanding of Healthy and Pathological Aging Through MEG. , 2014, , 609-640.		0
1405	PROCESAMIENTO DE CLÃUSULAS RELATIVAS ANIDADAS, MEMORIA OPERATIVA Y ENVEJECIMIENTO. RLA Revista De Lingü Astica Teórica Y Aplicada, 2014, 52, 155-179.	0.3	3
1406	Functional MRI Studies of Memory in Aging, Mild Cognitive Impairment, and Alzheimer's Disease. , 2015, , 179-225.		0
1407	Age-Related Glucose Metabolism Changes in Brain. Lecture Notes in Computational Vision and Biomechanics, 2015, , 157-196.	0.5	0

#	Article	IF	CITATIONS
1408	The Effects of Aging on Productivity: Diverse, Not Alarming. , 2015, , 167-212.		0
1409	Aging Gracefully A Global Perspective. , 2017, , 643-646.		0
1410	33 Aging Gracefully: A Global Perspective. Rehabilitation Science in Practice Series, 2017, , 643-646.	0.0	0
1413	ChapterÂ9. A neuropsycholinguistic approach to complexity. Language Learning and Language Teaching, 0, , 191-208.	0.1	1
1419	Towards the Understanding of Healthy and Pathological Aging Through MEG. , 2019, , 817-851.		0
1423	Towards the Understanding of Healthy and Pathological Aging Through MEC. , 2019, , 1-35.		0
1424	Normalisation franco-québécoise d'une batterie d'Évaluation des Compétences de Lecture chez l'Adulte de plus de 16 ans (ECLA 16+). Neuropsychologie Clinique Et Appliquée, 2019, 3, 32-63.	0.1	0
1431	Neurobiology of Falls: Neuroimaging Assessment. , 2020, , 165-188.		2
1432	Age Differences in Eye Movements During Reading: Degenerative Problems or Compensatory Strategy?. European Psychologist, 2019, 24, 297-311.	1.8	1
1434	Sleep Mediates Age-Related Executive Function for Older Adults with Limited Cognitive Reserve. Journal of the International Neuropsychological Society, 2021, 27, 711-721.	1.2	10
1435	Effects of Cognitive Dysfunction and Dual Task on Gait Speed and Prefrontal Cortex Activation in Community-Dwelling Older Adults. Aging, Neuropsychology, and Cognition, 2020, , 1-13.	0.7	6
1437	The adaptive aging brain. Current Opinion in Neurobiology, 2022, 72, 91-100.	2.0	29
1439	Contribution of the dorsolateral prefrontal cortex activation, ankle muscle activities, and coactivation during dual-tasks to postural steadiness: a pilot study. Journal of Physical Therapy Science, 2020, 32, 467-472.	0.2	2
1441	Task Co-Representation in Aging: An Event-Related Potential Study. Journal of Behavioral and Brain Science, 2020, 10, 455-469.	0.2	Ο
1442	Understanding Episodic Memory Through Decoding EEG and Probabilistic Estimation of Brain Functional Connectivity Parameters. Advances in Computational Intelligence and Robotics Book Series, 2020, , 151-168.	0.4	0
1443	Neuroscientific Approaches for Maintaining, Balancing, and Developing Mature Workers. Advances in Human Resources Management and Organizational Development Book Series, 2020, , 85-111.	0.2	2
1444	Cerebrovascular Reactivity (CVR) in Aging, Cognitive Impairment, and Dementia. Neuromethods, 2022, , 103-118.	0.2	0
1446	Chapitre 15. Stratégies cognitives de structuration spatiale et processus compensatoires chez le travailleur vieillissant 0 289-307		0

#	Article	IF	CITATIONS
1447	Changing Perception in Alzheimer's. Advances in Psychology, Mental Health, and Behavioral Studies, 0, , 271-300.	0.1	0
1448	Zum Lernen ist es nie zu spä Oder: Altes Hirn — was heißt das schon?! Betrachtungen aus neurowissenschaftlicher Perspektive. , 2009, , 55-70.		0
1449	Neurofeedback Training on Aging: Prospects on Maintaining Cognitive Reserve. , 0, , .		0
1451	Studying the precuneus reveals structure–function–affect correlation in long-term meditators. Social Cognitive and Affective Neuroscience, 2020, 15, 1203-1216.	1.5	8
1453	Imaging Aging: Present and Future. , 0, , 308-326.		3
1457	Functional Dedifferentiation and Altered Connectivity in Older Adults: Neural Accounts of Cognitive Aging. , 2011, 2, 30-48.		91
1459	Validating age-related functional imaging changes in verbal working memory with acute stroke. Behavioural Neurology, 2011, 24, 187-99.	1.1	0
1461	Vascular changes and brain plasticity: a new approach to neurodegenerative diseases. American Journal of Neurodegenerative Disease, 2012, 1, 152-9.	0.1	3
1462	Structural gray matter change early in male patients with HIV. International Journal of Clinical and Experimental Medicine, 2014, 7, 3362-9.	1.3	12
1464	A Review on the Trajectory of Attentional Mechanisms in Aging and the Alzheimer's Disease Continuum through the Attention Network Test. Yale Journal of Biology and Medicine, 2019, 92, 37-51.	0.2	19
1465	How the healthy ageing brain supports semantic binding during language comprehension. European Journal of Neuroscience, 2021, 54, 7899-7917.	1.2	4
1466	An fNIRS Investigation of Discrete and Continuous Cognitive Demands During Dual-Task Walking in Young Adults. Frontiers in Human Neuroscience, 2021, 15, 711054.	1.0	4
1467	Bi-Anodal Transcranial Direct Current Stimulation Combined With Treadmill Walking Decreases Motor Cortical Activity in Young and Older Adults. Frontiers in Aging Neuroscience, 2021, 13, 739998.	1.7	5
1468	Le vieillissement neurocognitifÂ: entre pertes et compensation. Annee Psychologique, 2015, Vol. 115, 289-324.	0.2	0
1470	Exploration électrophysiologique de la mémoire épisodique dans le vieillissement normal. Annee Psychologique, 2010, Vol. 110, 595-628.	0.2	0
1472	Brain Morphometry and Cognitive Performance in Normal Brain Aging: Age- and Sex-Related Structural and Functional Changes. Frontiers in Aging Neuroscience, 2021, 13, 713680.	1.7	5
1473	BDNF Val66Met gene polymorphism modulates brain activity following rTMS-induced memory impairment. Scientific Reports, 2022, 12, 176.	1.6	5
1474	Beta-Amyloid Moderates the Relationship Between Cortical Thickness and Attentional Control in Middle- and Older-Aged Adults. Neurobiology of Aging, 2022, 112, 181-190.	1.5	3

#	Article	IF	CITATIONS
1475	The Laterality of Early Age-Related Hearing Loss and Brain Î ² -Amyloid. Otology and Neurotology, 2022, 43, e382-e390.	0.7	5
1476	Age differences in the functional architecture of the human brain. Cerebral Cortex, 2022, 33, 114-134.	1.6	31
1477	Decreased automaticity contributes to dual task decrements in older compared to younger adults. European Journal of Applied Physiology, 2022, 122, 965-974.	1.2	7
1478	Effects of acute moderateâ€intensity aerobic exercise on executive function and prefrontal cortex activity in communityâ€dwelling older adults: A singleâ€blind, randomized controlled trial. Geriatrics and Gerontology International, 2022, 22, 227-232.	0.7	5
1479	How the motor system copes with aging: a quantitative meta-analysis of the effect of aging on motor function control. Communications Biology, 2022, 5, 79.	2.0	17
1480	Long-term neurological sequelae after decompression sickness in retired professional divers. Journal of the Neurological Sciences, 2022, 434, 120181.	0.3	1
1482	Influence of Physical Fitness on Age-Related Differences in Varieties of Cognitive Control: BOLD Modulations During Predictability, Switching, and Updating. SSRN Electronic Journal, 0, , .	0.4	0
1483	The Effect of Transcranial Alternating Current Stimulation With Cognitive Training on Executive Brain Function in Individuals With Dementia: Protocol for a Crossover Randomized Controlled Trial. JMIR Research Protocols, 2022, 11, e37282.	0.5	2
1485	Altered Intra- and Inter-Network Functional Connectivity in Patients With Crohn's Disease: An Independent Component Analysis-Based Resting-State Functional Magnetic Resonance Imaging Study. Frontiers in Neuroscience, 2022, 16, 855470.	1.4	2
1486	Introduction to the special issue: advances in understanding the cognitive neuroscience of aging with multivariate methods. Aging, Neuropsychology, and Cognition, 2022, 29, 367-374.	0.7	0
1487	Age-related reduction of hemispheric asymmetry by pigeons: A behavioral and FDG-PET imaging investigation of visual discrimination. Learning and Behavior, 2022, 50, 125-139.	0.5	2
1488	Aging-Related Alterations to Persistent Firing in the Lateral Entorhinal Cortex Contribute to Deficits in Temporal Associative Memory. Frontiers in Aging Neuroscience, 2022, 14, 838513.	1.7	1
1489	Overview of (f)MRI Studies of Cognitive Aging for Non-Experts: Looking through the Lens of Neuroimaging. Life, 2022, 12, 416.	1.1	2
1490	Differential Relationships Between Brain Structure and Dual Task Walking in Young and Older Adults. Frontiers in Aging Neuroscience, 2022, 14, 809281.	1.7	6
1491	Volume of the posterior hippocampus mediates age-related differences in spatial context memory and is correlated with increased activity in lateral frontal, parietal and occipital regions in healthy aging. NeuroImage, 2022, 254, 119164.	2.1	11
1492	Changes in pairwise functional connectivity associated with changes in cognitive performance in cognitively normal older individuals: A two-year observational study. Neuroscience Letters, 2022, 781, 136618.	1.0	1
1493	The flexibility of cognitive reserve in regulating the frontoparietal control network and cognitive function in subjects with white matter hyperintensities. Behavioural Brain Research, 2022, 425, 113831.	1.2	7
1494	Don't forget the little brain: A framework for incorporating the cerebellum into the understanding of cognitive aging. Neuroscience and Biobehavioral Reviews, 2022, 137, 104639.	2.9	15

#	Article	IF	CITATIONS
1495	Temporal Dynamics of Event-Related Potentials during Inhibitory Control Characterize Age-Related Neural Compensation. Symmetry, 2021, 13, 2323.	1.1	11
1496	Local structure-function relationships in human brain networks across the lifespan. Nature Communications, 2022, 13, 2053.	5.8	58
1497	Oculomotor Abnormalities during Reading in the Offspring of Late-Onset Alzheimer's Disease. Current Alzheimer Research, 2022, 19, 212-222.	0.7	0
1521	Age-Related Differences in the Neural Processing of Idioms: A Positive Perspective. Frontiers in Aging Neuroscience, 2022, 14, .	1.7	0
1522	Somatosensory impairment of the feet is associated with higher activation of prefrontal cortex during walking in older adults. Experimental Gerontology, 2022, , 111845.	1.2	0
1523	M/EEG Dynamics Underlying Reserve, Resilience, and Maintenance in Aging: A Review. Frontiers in Psychology, 2022, 13, .	1.1	4
1524	Age-related Changes in Cortical Excitability Linked to Decreased Attentional and Inhibitory Control. Neuroscience, 2022, 495, 1-14.	1.1	6
1526	Involvement of executive control in neural capacity related to working memory in aging: an ERP P300 study. Cognitive, Affective and Behavioral Neuroscience, 2022, 22, 1311-1333.	1.0	6
1527	Posterior cingulate cortex reveals an expression profile of resilience in cognitively intact elders. Brain Communications, 2022, 4, .	1.5	10
1528	Older and Wiser: Interpretation of Proverbs in the Face of Age-Related Cortical Atrophy. Frontiers in Aging Neuroscience, 0, 14, .	1.7	2
1529	The neurobiology of aging. , 2023, , 977-993.		1
1530	Characterization of the angular gyrus in an older adult population: a multimodal multilevel approach. Brain Structure and Function, 2023, 228, 83-102.	1.2	4
1531	Task-based functional connectivity of the Useful Field of View (UFOV) fMRI task. GeroScience, 2023, 45, 293-309.	2.1	2
1532	Time course of rightâ€hemisphere recruitment during word production following leftâ€hemisphere damage: A single case of young stroke. European Journal of Neuroscience, 2022, 56, 5235-5259.	1.2	1
1533	Are self-management abilities beneficial for frail older people's cognitive functioning?. BMC Geriatrics, 2022, 22, .	1.1	2
1534	Interrelating differences in structural and functional connectivity in the older adult's brain. Human Brain Mapping, 2022, 43, 5543-5561.	1.9	6
1535	Motion, Relation, and Passion in Brain Physiological and Cognitive Aging. Brain Sciences, 2022, 12, 1122.	1.1	6
1536	Resting-state functional connectivity does not predict individual differences in the effects of emotion on memory. Scientific Reports, 2022, 12, .	1.6	4

#	Article	IF	CITATIONS
1537	Overlapping and segregated changes of functional hubs in melancholic depression and non-melancholic depression. Journal of Psychiatric Research, 2022, 154, 123-131.	1.5	2
1538	Does heart rate variability predict better executive functioning? A systematic review and meta-analysis. Cortex, 2022, 155, 218-236.	1.1	21
1539	A reusable benchmark of brain-age prediction from M/EEG resting-state signals. NeuroImage, 2022, 262, 119521.	2.1	20
1540	Connectivity alterations underlying the breakdown of pseudoneglect: New insights from healthy and pathological aging. Frontiers in Aging Neuroscience, 0, 14, .	1.7	2
1541	Increased cortical activation and enhanced functional connectivity in the prefrontal cortex ensure dynamic postural balance during dual-task obstacle negotiation in the older adults: A fNIRS study. Brain and Cognition, 2022, 163, 105904.	0.8	10
1542	Integrated cognitive and physical fitness training enhances attention abilities in older adults. , 2022, 8, .		4
1543	Dissociable neural mechanisms of cognition and well-being in youth versus healthy aging Psychology and Aging, 2022, 37, 827-842.	1.4	11
1544	Lifespan developmental changes in neural substrates and functional connectivity for visual semantic processing. Cerebral Cortex, 2023, 33, 4714-4728.	1.6	2
1545	Common and distinct neural substrates of the compassionate and uncompassionate self-responding dimensions of self-compassion. Brain Imaging and Behavior, 2022, 16, 2667-2680.	1.1	1
1547	25 years of neurocognitive aging theories: What have we learned?. Frontiers in Aging Neuroscience, 0, 14, .	1.7	11
1548	Integrating Mild Cognitive Impairment Screening Tools in Audiologic Care: A Review. Perspectives of the ASHA Special Interest Groups, 0, , 1-17.	0.4	0
1549	Effect of aging on audiovisual integration: Comparison of high- and low-intensity conditions in a speech discrimination task. Frontiers in Aging Neuroscience, 0, 14, .	1.7	1
1550	Brain connectivity changes associated with episodic recollection decline in aging: A review of fMRI studies. Frontiers in Aging Neuroscience, 0, 14, .	1.7	5
1551	Structural connectivity between the hippocampus and cortical/subcortical area relates to cognitive impairment in schizophrenia but not in mood disorders. Journal of Neuropsychology, 2023, 17, 351-363.	0.6	2
1552	Sex differences in multilayer functional network topology over the course of aging in 37543 UK Biobank participants. Network Neuroscience, 2023, 7, 351-376.	1.4	2
1555	Age Reduces Motor Asymmetry in a Graphic Task. Lecture Notes in Computer Science, 2022, , 227-239.	1.0	0
1556	Application of Robotic Recovery Techniques to Stroke Survivors—Bibliometric Analysis. Journal of Personalized Medicine, 2022, 12, 2066.	1.1	5
1557	Cognitive and linguistic abilities and perceptual restoration of missing speech: Evidence from online assessment. Frontiers in Psychology, 0, 13, .	1.1	1

#	Article	IF	CITATIONS
1558	Antioxidant Intervention to Improve Cognition in the Aging Brain: The Example of Hydroxytyrosol and Resveratrol. International Journal of Molecular Sciences, 2022, 23, 15674.	1.8	11
1559	Age-related changes in midfrontal theta activity during steering control: A driving simulator study. Neurobiology of Aging, 2022, , .	1.5	2
1560	The effect of age on delay performance and associative learning tasks in pigeons. Learning and Behavior, 2023, 51, 281-294.	0.5	1
1561	Chronic Δ9-tetrahydrocannabinol impact on plasticity, and differential activation requirement for CB1-dependent long-term depression in ventral tegmental area GABA neurons in adult versus young mice. Frontiers in Neuroscience, 0, 16, .	1.4	1
1562	Interactions between the aging brain and motor task complexity across the lifespan: balancing brain activity resource demand and supply. Cerebral Cortex, 2023, 33, 6420-6434.	1.6	4
1564	Evidence of functional abnormalities in the default mode network in bipolar depression: A coordinate-based activation likelihood estimation meta-analysis. Journal of Affective Disorders, 2023, 326, 96-104.	2.0	4
1566	Semantic cognition in healthy ageing: Neural signatures of representation and control mechanisms in naming typical and atypical objects. Neuropsychologia, 2023, 184, 108545.	0.7	0
1567	Cognitive interventions for memory and psychological well-being in aging and dementias. Frontiers in Psychology, 0, 14, .	1.1	5
1568	Age-related differences in food-specific inhibitory control: Electrophysiological and behavioral evidence in healthy aging. Appetite, 2023, 183, 106478.	1.8	1
1569	The analysis of gestural and verbal pragmatic markers produced by Mild Cognitive Impaired participants during longitudinal and autobiographical interviews. Clinical Linguistics and Phonetics, 2024, 38, 116-137.	O.5	0
1570	Brain activation of the PFC during dual-task walking in stroke patients: A systematic review and meta-analysis of functional near-infrared spectroscopy studies. Frontiers in Neuroscience, 0, 17, .	1.4	0
1572	Midfrontal Theta and Cognitive Control During Interlimb Coordination Across the Adult Lifespan. Journal of Motor Behavior, 2023, 55, 278-288.	O.5	2
1573	Disrupted interhemispheric coordination of sensory-motor networks and insula in major depressive disorder. Frontiers in Neuroscience, 0, 17, .	1.4	5
1574	Hippocampal connectivity and memory decline in cognitively intact APOE ε4 carriers. Alzheimer's and Dementia, 2023, 19, 3806-3814.	0.4	1
1575	Intelligent diagnosis of major depression disease based on multi-layer brain network. Frontiers in Neuroscience, 0, 17, .	1.4	4
1576	Functional brain changes in sarcopenia: evidence for differential central neural mechanisms in dynapenic older women. Aging Clinical and Experimental Research, 2023, 35, 1015-1025.	1.4	1
1577	Can the fNIRS-derived neural biomarker better discriminate mild cognitive impairment than a neuropsychological screening test?. Frontiers in Aging Neuroscience, 0, 15, .	1.7	4
1578	Creativity at rest: Exploring functional network connectivity of creative experts. Network Neuroscience, 2023, 7, 1022-1033.	1.4	1

#	Article	IF	CITATIONS
1579	Influence of Strenuous Physical Activity and Cardiorespiratory Fitness on Age-Related Differences in Brain Activations During Varieties of Cognitive Control. Neuroscience, 2023, 520, 58-83.	1.1	1
1581	Age-Related Changes in Episodic Processing of Scenes: A Functional Activation and Connectivity Study. Sensors, 2023, 23, 4107.	2.1	0
1582	Le cerveau adaptatifÂ: rÃ1e du couplage interhémisphérique dans le maintien des habiletés cognitives avec l'âge et découplage dans la maladie d'Alzheimer�. , 2009, Volume 1, 159-169.	0.0	1
1583	La mémoire, les amnésies et les lobes frontaux. , 2015, Volume 6, 282-285.	0.0	0
1584	Substrats cérébraux duÂdéclin deÂlaÂmémoire épisodiqueÂ: contrastes entreÂvieillissement normal etÂmaladie d'Alzheimer. , 2010, Volume 2, 114-123.	0.0	1
1585	It's about Time: Let's Do More to Support the Process of Aging (vs. the State of Being "Oldâ€). , 2023, , .		1
1592	Functional MRI Studies of Memory in Aging, Mild Cognitive Impairment, and Alzheimer's Disease. , 2023, , 671-712.		0
1599	Electroencephalogram neuroimaging, brain networks, and neurofeedback protocols. , 2023, , 143-160.		0
1600	Cognitive Decline Associated with Aging. Advances in Experimental Medicine and Biology, 2023, , 25-46.	0.8	0
1601	The Aging Patterns of Brain Structure, Function, and Energy Metabolism. Advances in Experimental Medicine and Biology, 2023, , 85-97.	0.8	0
1602	The Overview of Cognitive Aging Models. Advances in Experimental Medicine and Biology, 2023, , 47-60.	0.8	0
1625	Sensory loss, change and its relationship to cognition in the brain. , 2023, , .		0
1636	Corpus Callosum in Dementia. , 2023, , 269-276.		0
1637	Other Lesions of the Corpus Callosum. , 2023, , 259-264.		0
1639	How Does Aging Affect Whole-brain Functional Network Connectivity? Evidence from An ICA Method. , 2023, , .		0
1652	Effects of an acute bout of cycling on different domains of cognitive function. Progress in Brain Research, 2024, , 21-66.	0.9	0