

# Hemispheric asymmetry reduction in older adults: The

Psychology and Aging

17, 85-100

DOI: 10.1037//0882-7974.17.1.85

Citation Report

#	ARTICLE	IF	CITATIONS
1	Aging cognition: from neuromodulation to representation. Trends in Cognitive Sciences, 2001, 5, 479-486.	7.8	786
2	Variable effects of aging on frontal lobe contributions to memory. NeuroReport, 2002, 13, 2425-2428.	1.2	184
3	Aging and attentional guidance during visual search: Functional neuroanatomy by positron emission tomography.. Psychology and Aging, 2002, 17, 24-43.	1.6	71
4	The effects of encoding task on age-related differences in the functional neuroanatomy of face memory.. Psychology and Aging, 2002, 17, 7-23.	1.6	142
5	Age-related differences in face processing: A meta-analysis of three functional neuroimaging experiments.. Canadian Journal of Experimental Psychology, 2002, 56, 208-220.	0.8	90
6	Dissecting the Effect of Aging on the Neural Substrates of Memory: Deterioration, Preservation or Functional Reorganization?. Reviews in the Neurosciences, 2002, 13, 167-81.	2.9	27
7	Aging Gracefully: Compensatory Brain Activity in High-Performing Older Adults. NeuroImage, 2002, 17, 1394-1402.	4.2	1,653
8	Age-Related Differences in Movement Representation. NeuroImage, 2002, 17, 1720-1728.	4.2	186
9	Judging meaning improves function in the aging brain. Trends in Cognitive Sciences, 2002, 6, 227-229.	7.8	16
10	Ethical, and practical issues in applying functional imaging to the clinical management of Alzheimer's disease. Brain and Cognition, 2002, 50, 498-519.	1.8	21
11	The effects of hand preference side and hand preference switch history on measures of psychological and physical well-being and cognitive performance in a sample of older adult right-and left-handers. Neuropsychologia, 2002, 40, 2074-2083.	1.6	39
12	Aging of the brain, sensorimotor, and cognitive processes. Neuroscience and Biobehavioral Reviews, 2002, 26, 729-732.	6.1	27
13	Integrative neurocomputational perspectives on cognitive aging, neuromodulation, and representation. Neuroscience and Biobehavioral Reviews, 2002, 26, 795-808.	6.1	199
14	Hemispheric asymmetry and aging: right hemisphere decline or asymmetry reduction. Neuroscience and Biobehavioral Reviews, 2002, 26, 819-825.	6.1	372
15	Aging, cognition, and culture: a neuroscientific perspective. Neuroscience and Biobehavioral Reviews, 2002, 26, 859-867.	6.1	119
16	Relations between aging sensory/sensorimotor and cognitive functions. Neuroscience and Biobehavioral Reviews, 2002, 26, 777-783.	6.1	367
17	Differences in the functional neuroanatomy of inhibitory control across the adult life span.. Psychology and Aging, 2002, 17, 56-71.	1.6	313
18	Enhancing Brain and Cognitive Function of Older Adults Through Fitness Training. Journal of Molecular Neuroscience, 2003, 20, 213-222.	2.3	97

#	ARTICLE	IF	CITATIONS
20	FMRI brain activation in response to odors is reduced in primary olfactory areas of elderly subjects. Brain Research, 2003, 986, 39-53.	2.2	131
21	On the Involvement of Prefrontal Networks in Cognitive Ageing. Cortex, 2003, 39, 1107-1128.	2.4	228
22	Age-related changes in brain responses to personally known faces: an event-related potential (ERP) study in humans. Neuroscience Letters, 2003, 349, 125-129.	2.1	38
23	Memory-related EEG power and coherence reductions in mild Alzheimer's disease. International Journal of Psychophysiology, 2003, 49, 147-163.	1.0	146
24	Cognition and Aging: A Highly Selective Overview of Event-Related Potential (ERP) Data. Journal of Clinical and Experimental Neuropsychology, 2003, 25, 702-720.	1.3	105
25	Aging affects the engagement of the hippocampus during autobiographical memory retrieval. Brain, 2003, 126, 1511-1523.	7.6	198
26	Cognitive Plasticity and Aging. Psychology of Learning and Motivation - Advances in Research and Theory, 2003, 43, 267-302.	1.1	24
27	Chapter 32 The causal role of the prefrontal cortex in episodic memory as demonstrated with rTMS. Supplements To Clinical Neurophysiology, 2003, 56, 312-320.	2.1	11
28	Functional deactivations: Change with age and dementia of the Alzheimer type. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14504-14509.	7.1	674
29	Perseveration in Normal Aging: A Comparison of Perseveration Rates on Design Fluency and Verbal Generative Tasks. Aging, Neuropsychology, and Cognition, 2003, 10, 268-280.	1.3	25
30	Age effects on the neural correlates of successful memory encoding. Brain, 2003, 126, 213-229.	7.6	331
31	Aging and the seven sins of memory. Advances in Cell Aging and Gerontology, 2003, , 1-40.	0.1	5
32	Age-related changes in visual attention. Advances in Cell Aging and Gerontology, 2003, 15, 41-88.	0.1	27
33	Adult Age Differences in Multiple Cognitive Functions: Differentiation, Dedifferentiation, or Process-Specific Change?. Psychology and Aging, 2003, 18, 727-745.	1.6	65
34	Biocultural orchestration of developmental plasticity across levels: The interplay of biology and culture in shaping the mind and behavior across the life span.. Psychological Bulletin, 2003, 129, 171-194.	6.1	258
35	Functionalâ€“Anatomic Correlates of Control Processes in Memory. Journal of Neuroscience, 2003, 23, 3999-4004.	3.6	169
36	Transformations in the Couplings Among Intellectual Abilities and Constituent Cognitive Processes Across the Life Span. Psychological Science, 2004, 15, 155-163.	3.3	586
37	Amygdala Responses to Emotionally Valenced Stimuli in Older and Younger Adults. Psychological Science, 2004, 15, 259-263.	3.3	437

#	ARTICLE	IF	CITATIONS
38	Functional Imaging of Working Memory after 24 Hr of Total Sleep Deprivation. Journal of Neuroscience, 2004, 24, 4560-4567.	3.6	437
39	Age-Related Functional Changes of Prefrontal Cortex in Long-Term Memory: A Repetitive Transcranial Magnetic Stimulation Study. Journal of Neuroscience, 2004, 24, 7939-7944.	3.6	171
40	Age-related Changes in Neural Activity during Visual Target Detection Measured by fMRI. Cerebral Cortex, 2004, 14, 143-155.	2.9	85
41	Changes in Posed Facial Expression of Emotion Across the Adult Life Span. Experimental Aging Research, 2004, 30, 305-331.	1.2	55
42	Aging and Attenuated Processing Robustness. Gerontology, 2004, 50, 28-34.	2.8	98
43	Differential Vulnerability of Anterior White Matter in Nondemented Aging with Minimal Acceleration in Dementia of the Alzheimer Type: Evidence from Diffusion Tensor Imaging. Cerebral Cortex, 2004, 14, 410-423.	2.9	561
44	Syntactic processing with aging: An event-related potential study. Psychophysiology, 2004, 41, 372-384.	2.4	40
45	Insights into the ageing mind: a view from cognitive neuroscience. Nature Reviews Neuroscience, 2004, 5, 87-96.	10.2	1,778
46	An active and socially integrated lifestyle in late life might protect against dementia. Lancet Neurology, The, 2004, 3, 343-353.	10.2	1,647
47	Neurocognitive Aging and Cardiovascular Fitness: Recent Findings and Future Directions. Journal of Molecular Neuroscience, 2004, 24, 009-014.	2.3	160
48	The scaling of spatial attention in visual search and its modification in healthy aging. Perception & Psychophysics, 2004, 66, 3-22.	2.3	84
49	The effects of age on the neural correlates of successful episodic retrieval: An ERP study. Cognitive, Affective and Behavioral Neuroscience, 2004, 4, 279-293.	2.0	83
50	Doing more with less: The plight of the failing hippocampus. Annals of Neurology, 2004, 56, 7-9.	5.3	3
51	fMRI differences in encoding and retrieval of pictures due to encoding strategy in the elderly. Human Brain Mapping, 2004, 21, 1-14.	3.6	45
52	Aging reduces neural specialization in ventral visual cortex. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13091-13095.	7.1	556
53	Task-independent and Task-specific Age Effects on Brain Activity during Working Memory, Visual Attention and Episodic Retrieval. Cerebral Cortex, 2004, 14, 364-375.	2.9	647
54	Neural substrates of the performance of an auditory verbal memory: between-subjects analysis by fMRI. Brain Research Bulletin, 2004, 64, 115-126.	3.0	11
55	Preserved Neural Correlates of Priming in Old Age and Dementia. Neuron, 2004, 42, 865-875.	8.1	137

#	ARTICLE	IF	CITATIONS
56	Intact Frontal Memory Effect in Older Age and Dementia. <i>Neuron</i> , 2004, 42, 701-702.	8.1	3
57	Memory and Executive Function in Aging and AD. <i>Neuron</i> , 2004, 44, 195-208.	8.1	1,322
58	Cerebral Asymmetries for Language: Evidence for Structural-Behavioral Correlations.. <i>Neuropsychology</i> , 2004, 18, 219-231.	1.3	33
59	Age differences in orbitofrontal activation: an fMRI investigation of delayed match and nonmatch to sample. <i>NeuroImage</i> , 2004, 21, 1368-1376.	4.2	48
60	Age differences in neural correlates of route encoding and route recognition. <i>NeuroImage</i> , 2004, 22, 1503-1514.	4.2	80
61	Comparability of functional MRI response in young and old during inhibition. <i>NeuroReport</i> , 2004, 15, 129-133.	1.2	40
62	Age-Related Preservation of Top-Down Attentional Guidance During Visual Search.. <i>Psychology and Aging</i> , 2004, 19, 304-309.	1.6	68
63	Performance in Auditory and Visual Emotional Stroop Tasks: A Comparison of Older and Younger Adults.. <i>Psychology and Aging</i> , 2004, 19, 523-535.	1.6	117
64	Increasing Task Difficulty Facilitates the Cerebral Compensatory Response to Total Sleep Deprivation. <i>Sleep</i> , 2004, , .	1.1	66
65	Aging and Individual Variation in Interhemispheric Collaboration and Hemispheric Asymmetry. <i>Aging, Neuropsychology, and Cognition</i> , 2005, 12, 316-339.	1.3	22
66	The Implications of Cortical Recruitment and Brain Morphology for Individual Differences in Inhibitory Function in Aging Humans.. <i>Psychology and Aging</i> , 2005, 20, 363-375.	1.6	208
67	Stability, Growth, and Decline in Adult Life Span Development of Declarative Memory: Cross-Sectional and Longitudinal Data From a Population-Based Study.. <i>Psychology and Aging</i> , 2005, 20, 3-18.	1.6	657
68	The Relation Between Brain Activity During Memory Tasks and Years of Education in Young and Older Adults.. <i>Neuropsychology</i> , 2005, 19, 181-192.	1.3	127
69	Neuropsychological Assessment of Executive Functions in Women: Effects of Age and Education.. <i>Neuropsychology</i> , 2005, 19, 566-577.	1.3	35
70	Dizziness is associated with decreased vasoreactivity in right cerebral hemisphere for head-down manoeuvre - near-infrared spectroscopy study. <i>Clinical Physiology and Functional Imaging</i> , 2005, 25, 16-19.	1.2	5
71	Effects of aging and working memory demands on prospective memory. <i>Psychophysiology</i> , 2005, 42, 698-712.	2.4	60
72	Forty-five years of split-brain research and still going strong. <i>Nature Reviews Neuroscience</i> , 2005, 6, 653-659.	10.2	352
73	NMDA receptor-independent long-term depression correlates with successful aging in rats. <i>Nature Neuroscience</i> , 2005, 8, 1657-1659.	14.8	111

#	ARTICLE	IF	CITATIONS
74	Age-related changes in sleep and memory: commonalities and interrelationships. <i>Experimental Gerontology</i> , 2005, 40, 279-285.	2.8	69
75	Temporal dynamics of age-related differences in auditory incidental verbal learning. <i>Cognitive Brain Research</i> , 2005, 24, 1-18.	3.0	30
76	Task-related activity in prefrontal cortex and its relation to recognition memory performance in young and old adults. <i>Neuropsychologia</i> , 2005, 43, 1466-1481.	1.6	170
77	Compensatory recruitment after sleep deprivation and the relationship with performance. <i>Psychiatry Research - Neuroimaging</i> , 2005, 140, 211-223.	1.8	156
78	Recollections of one's own past: the effects of aging and gender on the neural mechanisms of episodic autobiographical memory. <i>Anatomy and Embryology</i> , 2005, 210, 497-512.	1.5	87
79	The Psychological Science of Human Ageing. , 2005, , 47-71.		37
80	An Ecological Approach to Studying Aging and Dual-Task Performance. , 2005, , 190-218.		40
81	Age-related differences in the areas of Broca and Wernicke using functional magnetic resonance imaging. <i>Age and Ageing</i> , 2005, 34, 609-613.	1.6	16
82	Effects of Aging on Arithmetic Problem-Solving: An Event-related Brain Potential Study. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 37-50.	2.3	55
83	Age does not increase rate of forgetting over weeks"Neuroanatomical volumes and visual memory across the adult life-span. <i>Journal of the International Neuropsychological Society</i> , 2005, 11, 2-15.	1.8	30
84	Region-specific changes in prefrontal function with age: a review of PET and fMRI studies on working and episodic memory. <i>Brain</i> , 2005, 128, 1964-1983.	7.6	451
85	Pharmacological Modulation of Prefrontal Cortical Activity During a Working Memory Task in Young and Older Humans: A PET Study With Physostigmine. <i>American Journal of Psychiatry</i> , 2005, 162, 2061-2070.	7.2	43
86	Selective Atrophy of Left Hemisphere and Frontal Lobe of the Brain in Old Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 165-174.	3.6	12
87	Contributions of Processing Ability and Knowledge to Verbal Memory Tasks across the Adult Life-Span. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2005, 58, 169-190.	2.3	82
88	The Influence of Sertraline on Attention and Verbal Memory in Children and Adolescents with Anxiety Disorders. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2005, 15, 608-618.	1.3	10
89	Normal Aging of Brain Structure and Cognition: Evolutionary Perspectives. <i>Research in Human Development</i> , 2005, 2, 69-82.	1.3	0
90	Neural Basis of Aging: The Penetration of Cognition into Action Control. <i>Journal of Neuroscience</i> , 2005, 25, 6787-6796.	3.6	378
91	The influence of attention and age on the occurrence of mirror movements. <i>Journal of the International Neuropsychological Society</i> , 2005, 11, 855-62.	1.8	48

#	ARTICLE	IF	CITATIONS
92	Dissociating Age-related Changes in Cognitive Strategy and Neural Efficiency Using Event- related fMRI. Cortex, 2005, 41, 582-594.	2.4	115
93	Relating Medial Temporal Lobe Volume to Frontal fMRI Activation for Memory Encoding in Older Adults. Cortex, 2005, 41, 595-602.	2.4	28
94	Decreased vasoreactivity to right cerebral hemisphere pressure in migraine without aura: a near-infrared spectroscopy study. Clinical Neurophysiology, 2005, 116, 1280-1285.	1.5	22
95	Functional neuroimaging indicators of successful executive control in the oldest old. NeuroImage, 2005, 28, 881-889.	4.2	43
96	Development of attentional networks: An fMRI study with children and adults. NeuroImage, 2005, 28, 429-439.	4.2	293
97	Age Differences in Stroop Interference in Working Memory. Journal of Clinical and Experimental Neuropsychology, 2005, 27, 633-644.	1.3	39
98	An Emotional Mediation Theory of Differential Age Effects in Episodic and Semantic Memories. Experimental Aging Research, 2005, 31, 355-391.	1.2	28
99	CIRCADIAN PREFERENCE AND COGNITIVE FUNCTIONING AMONG REHABILITATION INPATIENTS. Clinical Neuropsychologist, 2005, 19, 55-72.	2.3	24
100	Measures of brain morphology and infarction in the framingham heart study: establishing what is normal. Neurobiology of Aging, 2005, 26, 491-510.	3.1	588
101	Double dissociation in neural correlates of visual working memory: A PET study. Cognitive Brain Research, 2005, 25, 747-759.	3.0	44
102	Goal-directed memory: The role of cognitive control in older adults' emotional memory.. Psychology and Aging, 2005, 20, 554-570.	1.6	510
103	Stroke Recovery and Its Imaging. Neuroimaging Clinics of North America, 2005, 15, 681-695.	1.0	16
104	Laterality of the Olfactory Event-Related Potential Response. Chemical Senses, 2006, 31, 699-704.	2.0	23
105	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.	4.2	45
106	An fMRI investigation of short-term source memory in young and older adults. NeuroImage, 2006, 30, 627-633.	4.2	68
107	Increased brain activation during verbal learning in obstructive sleep apnea. NeuroImage, 2006, 31, 1817-1825.	4.2	113
108	Aging is associated with contrasting changes in local and distant cortical connectivity in the human motor system. NeuroImage, 2006, 32, 747-760.	4.2	85
109	Does healthy aging affect the hemispheric activation balance during paced index-to-thumb opposition task? An fMRI study. NeuroImage, 2006, 32, 1250-1256.	4.2	146

#	ARTICLE	IF	CITATIONS
110	Neural correlates of cognitive efficiency. <i>NeuroImage</i> , 2006, 33, 969-979.	4.2	299
111	The effect of aging on event-related potentials and behavioral responses: Comparison of tonal, phonologic and semantic targets. <i>Clinical Neurophysiology</i> , 2006, 117, 1974-1989.	1.5	21
112	Regional White Matter and Neuropsychological Functioning across the Adult Lifespan. <i>Biological Psychiatry</i> , 2006, 60, 444-453.	1.3	147
113	Aging and Repetition Priming for Targets and Distracters in a Working Memory Task. <i>Aging, Neuropsychology, and Cognition</i> , 2006, 13, 552-573.	1.3	19
114	Patterns of Normal Human Brain Plasticity After Practice and Their Implications for Neurorehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 20-29.	0.9	141
115	Adult life-span patterns in WAIS-R Block Design performance: Cross-sectional versus longitudinal age gradients and relations to demographic factors. <i>Intelligence</i> , 2006, 34, 63-78.	3.0	98
116	Cerebral oxygenation changes in the prefrontal cortex: Effects of age and gender. <i>Neurobiology of Aging</i> , 2006, 27, 888-894.	3.1	144
117	Age-related functional recruitment for famous name recognition: An event-related fMRI study. <i>Neurobiology of Aging</i> , 2006, 27, 1494-1504.	3.1	48
119	Age-Related Attenuation of Dominant Hand Superiority. <i>PLoS ONE</i> , 2006, 1, e90.	2.5	101
120	Psychology and Aging: The first 20 years.. <i>Psychology and Aging</i> , 2006, 21, 1-6.	1.6	6
121	Biocultural Co-Construction of Lifespan Development. , 2006, , 40-58.		9
122	Language and the Aging Brain: Patterns of Neural Compensation Revealed by Functional Brain Imaging. <i>Journal of Neurophysiology</i> , 2006, 96, 2830-2839.	1.8	255
123	Is the Prefrontal Cortex Necessary for Delay Task Performance? Evidence from Lesion and fMRI Data. <i>Journal of the International Neuropsychological Society</i> , 2006, 12, 248-260.	1.8	59
124	Imaging Visual Recognition Memory Network by PET in the Baboon: Perirhinal Cortex Heterogeneity and Plasticity after Perirhinal Lesion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 301-309.	4.3	9
125	Diffusion tensor imaging and aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 749-761.	6.1	546
126	The correlative triad among aging, dopamine, and cognition: Current status and future prospects. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 791-807.	6.1	648
127	Cortical EEG correlates of successful memory encoding: Implications for lifespan comparisons. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 839-854.	6.1	121
128	Neuromodulation of associative and organizational plasticity across the life span: Empirical evidence and neurocomputational modeling. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 775-790.	6.1	83



#	ARTICLE	IF	CITATIONS
129	Brainâ€“behavior relations across the lifespan: A commentary. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 885-892.	6.1	36
130	Self-referential tags in the discourse of people with Alzheimerâ€™s disease. <i>Brain and Language</i> , 2006, 97, 41-52.	1.6	16
131	Age-related differences in response regulation as revealed by functional MRI. <i>Brain Research</i> , 2006, 1076, 171-176.	2.2	26
132	Individual differences in the functional neuroanatomy of inhibitory control. <i>Brain Research</i> , 2006, 1105, 130-142.	2.2	238
133	Functional magnetic resonance imaging response to increased verbal working memory demands among patients with multiple sclerosis. <i>Human Brain Mapping</i> , 2006, 27, 28-36.	3.6	128
134	Prefrontal modulation of working memory performance in brain injury and disease. <i>Human Brain Mapping</i> , 2006, 27, 837-847.	3.6	101
135	Selective Age-related Degradation of Anterior Callosal Fiber Bundles Quantified In Vivo with Fiber Tracking. <i>Cerebral Cortex</i> , 2006, 16, 1030-1039.	2.9	216
136	Changing Frontal Contributions to Memory Before and After Medial Temporal Lobectomy. <i>Cerebral Cortex</i> , 2006, 17, 443-456.	2.9	37
137	Age-Related Variability in Cortical Activity During Language Processing. <i>Journal of Speech, Language, and Hearing Research</i> , 2006, 49, 690-697.	1.6	24
138	White Matter Changes Compromise Prefrontal Cortex Function in Healthy Elderly Individuals. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 418-429.	2.3	195
139	Evidence for Frontally Mediated Controlled Processing Differences in Older Adults. <i>Cerebral Cortex</i> , 2006, 17, 1033-1046.	2.9	138
140	Effects of Age on Auditory and Cognitive Processing: Implications for Hearing Aid Fitting and Audiologic Rehabilitation. <i>Trends in Amplification</i> , 2006, 10, 29-59.	2.4	343
141	Repetition Priming Across the Adult Lifespanâ€“The Long and Short of It. <i>Aging, Neuropsychology, and Cognition</i> , 2006, 13, 308-325.	1.3	49
142	Reliance on Visible Speech Cues During Multimodal Language Processing: Individual and Age Differences. <i>Experimental Aging Research</i> , 2007, 33, 373-397.	1.2	11
144	Effects of stimulus variability and adult aging on adaptation to time-compressed speech. <i>Journal of the Acoustical Society of America</i> , 2007, 121, 1701-1708.	1.1	49
145	Age Effects on the Neural Correlates of Episodic Retrieval: Increased Cortical Recruitment with Matched Performance. <i>Cerebral Cortex</i> , 2007, 17, 2491-2506.	2.9	145
146	Event-related Potentials Reveal Age Differences in the Encoding and Recognition of Scenes. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1089-1103.	2.3	70
147	Age-related differences in brain activity underlying identification of emotional expressions in faces. <i>Social Cognitive and Affective Neuroscience</i> , 2007, 2, 292-302.	3.0	53

#	ARTICLE	IF	CITATIONS
148	Functional plasticity in cognitive aging: Review and hypothesis.. Neuropsychology, 2007, 21, 657-673.	1.3	276
149	Six-year change in affect optimization and affect complexity across the adult life span: A further examination.. Psychology and Aging, 2007, 22, 738-751.	1.6	103
150	Functional neuroimaging of autobiographical memory. Trends in Cognitive Sciences, 2007, 11, 219-227.	7.8	606
151	Verbal paired-associate learning by APOE genotype in non-demented older adults: fMRI evidence of a right hemispheric compensatory response. Neurobiology of Aging, 2007, 28, 238-247.	3.1	139
152	Mild cognitive impairment (MCI) and actual retrieval performance affect cerebral activation in the elderly. Neurobiology of Aging, 2007, 28, 404-413.	3.1	65
153	Age-related changes in brain activation during a delayed item recognition task. Neurobiology of Aging, 2007, 28, 784-798.	3.1	159
154	Stroop interference, hemodynamic response and aging: An event-related fMRI study. Neurobiology of Aging, 2007, 28, 937-946.	3.1	113
155	Neural correlates of age-related verbal episodic memory decline: A PET study with combined subtraction/correlation analysis. Neurobiology of Aging, 2007, 28, 1568-1576.	3.1	23
156	Effects of aging on transient and sustained successful memory encoding activity. Neurobiology of Aging, 2007, 28, 1749-1758.	3.1	103
157	Disruption of Large-Scale Brain Systems in Advanced Aging. Neuron, 2007, 56, 924-935.	8.1	1,421
158	Age-related changes in the processing of the metaphorical alternative meanings of words. Journal of Neurolinguistics, 2007, 20, 277-284.	1.1	7
159	Visual target processing in high- and low-performing older subjects indexed by P3 component. Neurophysiologie Clinique, 2007, 37, 53-61.	2.2	20
160	Cardiorespiratory fitness: A predictor of cortical plasticity in multiple sclerosis. Neurolmage, 2007, 34, 1238-1244.	4.2	107
161	Asymmetry in dopamine D2/3 receptors of caudate nucleus is lost with age. Neurolmage, 2007, 34, 870-878.	4.2	65
162	Age-related decline in the ability to decode emotional prosody: Primary or secondary phenomenon?. Cognition and Emotion, 2007, 21, 1435-1454.	2.0	50
163	Hippocampal Activation for Autobiographical Memories over the Entire Lifetime in Healthy Aged Subjects: An fMRI Study. Cerebral Cortex, 2007, 17, 2453-2467.	2.9	166
164	Brain activation in elderly people with and without dementia: Influences of gender and medication. World Journal of Biological Psychiatry, 2007, 8, 23-29.	2.6	29
165	MR Spectroscopy, Functional MRI, and Diffusion-Tensor Imaging in the Aging Brain: A Conceptual Review. Journal of Geriatric Psychiatry and Neurology, 2007, 20, 3-21.	2.3	105

#	ARTICLE	IF	CITATIONS
166	Aging and Visual Attention. <i>Current Directions in Psychological Science</i> , 2007, 16, 70-74.	5.3	185
167	Aging, self-referencing, and medial prefrontal cortex. <i>Social Neuroscience</i> , 2007, 2, 117-133.	1.3	177
168	Memory in the aging brain: Doubly dissociating the contribution of the hippocampus and entorhinal cortex. <i>Hippocampus</i> , 2007, 17, 1134-1140.	1.9	111
169	Increased white matter connectivity in euthymic bipolar patients: diffusion tensor tractography between the subgenual cingulate and the amygdalo-hippocampal complex. <i>Molecular Psychiatry</i> , 2007, 12, 1001-1010.	7.9	162
170	Effect of prefrontal cortex damage on resolving lexical ambiguity in text. <i>Brain and Language</i> , 2007, 102, 99-113.	1.6	5
171	Discourse comprehension in successful aging: A NIRS study. <i>Brain and Language</i> , 2007, 103, 228-229.	1.6	5
172	An evaluation of distinct volumetric and functional MRI contributions toward understanding age and task performance: A study in the basal ganglia. <i>Brain Research</i> , 2007, 1135, 58-68.	2.2	30
173	Local/global interference is modulated by age, sex and anterior corpus callosum size. <i>Brain Research</i> , 2007, 1142, 189-205.	2.2	60
174	Contribution of noninvasive cortical stimulation to the study of memory functions. <i>Brain Research Reviews</i> , 2007, 53, 250-259.	9.0	43
175	Effects of aging on true and false memory formation: An fMRI study. <i>Neuropsychologia</i> , 2007, 45, 3157-3166.	1.6	133
176	On how high performers keep cool brains in situations of cognitive overload. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2007, 7, 75-89.	2.0	117
177	Vulnerability of the Orbitofrontal Cortex to Age-Associated Structural and Functional Brain Changes. <i>Annals of the New York Academy of Sciences</i> , 2007, 1121, 562-575.	3.8	63
178	Age-Associated Hemispheric Asymmetry Reduction on the Auditory M100 to Nonverbal Stimuli. <i>Brain Imaging and Behavior</i> , 2007, 1, 93-101.	2.1	5
179	Decision making and brand choice by older consumers. <i>Marketing Letters</i> , 2008, 19, 355-365.	2.9	81
180	Motor-skill learning in older adults—a review of studies on age-related differences. <i>European Review of Aging and Physical Activity</i> , 2008, 5, 5-16.	2.9	197
181	Visual sensory processing deficits in Schizophrenia and their relationship to disease state. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 305-316.	3.2	77
182	Anterior hippocampus orchestrates successful encoding and retrieval of non-relational memory: an event-related fMRI study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 363-372.	3.2	29
183	Cognitive Neuroscience of Aging. <i>Annals of the New York Academy of Sciences</i> , 2008, 1124, 127-144.	3.8	414

#	ARTICLE	IF	CITATIONS
184	Age-related differences in brain activity during verbal recency memory. Brain Research, 2008, 1199, 111-125.	2.2	41
185	Altered prefrontal function with aging: Insights into age-associated performance decline. Brain Research, 2008, 1232, 30-47.	2.2	44
186	Neural correlates of approximate quantification strategies in young and older adults: An fMRI study. Brain Research, 2008, 1246, 144-157.	2.2	35
187	The age of the beholder: ERP evidence of an own-age bias in face memory. Neuropsychologia, 2008, 46, 2973-2985.	1.6	137
188	Age-related changes in word retrieval: Role of bilateral frontal and subcortical networks. Neurobiology of Aging, 2008, 29, 436-451.	3.1	161
189	Use it or lose it? SES mitigates age-related decline in a recency/recognition task. Neurobiology of Aging, 2008, 29, 945-958.	3.1	49
190	Age-related slowing of memory retrieval: Contributions of perceptual speed and cerebral white matter integrity. Neurobiology of Aging, 2008, 29, 1070-1079.	3.1	178
191	Enhanced and bilateralized visual sensory processing in the ventral stream may be a feature of normal aging. Neurobiology of Aging, 2008, 29, 1576-1586.	3.1	49
192	Regional specificity of age effects on the neural correlates of episodic retrieval. Neurobiology of Aging, 2008, 29, 1902-1916.	3.1	77
193	Low-dose Propofol-induced Amnesia Is Not due to a Failure of Encoding. Anesthesiology, 2008, 109, 213-224.	2.5	32
194	Electroencephalographic frontal asymmetry and depressive symptoms in the elderly. Biological Psychology, 2008, 79, 317-322.	2.2	72
195	Perceptual biases in processing facial identity and emotion. Brain and Cognition, 2008, 66, 176-187.	1.8	56
196	Differential effects of aging on processes underlying task switching. Brain and Cognition, 2008, 68, 67-80.	1.8	41
197	Effects of aging and exposure duration on perceptual biases in chimeric face processing. Cortex, 2008, 44, 665-672.	2.4	28
198	Age-related changes in neural activity during performance matched working memory manipulation. NeuroImage, 2008, 42, 1577-1586.	4.2	46
201	Activation and maintenance of peripheral semantic features of unambiguous words after right hemisphere brain damage in adults. Aphasiology, 2008, 22, 119-138.	2.2	26
202	Abducens Nucleus. , 2008, , 2-2.		0
203	Aging and Semantic Cueing during Learning and Retention of Verbal Episodic Information. Aging, Neuropsychology, and Cognition, 2008, 16, 103-119.	1.3	6

#	ARTICLE	IF	CITATIONS
204	Enrichment Effects on Adult Cognitive Development. Psychological Science in the Public Interest: A Journal of the American Psychological Society, 2008, 9, 1-65.	10.7	1,075
205	Functional imaging studies of treatment-induced recovery in chronic aphasia. Aphasiology, 2008, 22, 1251-1268.	2.2	60
206	Chapter 54 Imaging functional recovery from stroke. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2008, 94, 1097-1117.	1.8	4
207	The Effects of Contextual Strength on Phonetic Identification in Younger and Older Listeners. Experimental Aging Research, 2008, 34, 232-250.	1.2	13
208	Group comparisons: imaging the aging brain. Social Cognitive and Affective Neuroscience, 2008, 3, 290-297.	3.0	87
209	Aging and Human Performance. Human Factors, 2008, 50, 548-555.	3.5	135
210	Chapter 1.8 Emotion and episodic memory. Handbook of Behavioral Neuroscience, 2008, , 115-132.	0.7	30
211	Neurocognitive Aging and the Compensation Hypothesis. Current Directions in Psychological Science, 2008, 17, 177-182.	5.3	1,207
212	Rehearsal Strategies during Motor-Sequence Learning in Old Age: Execution vs Motor Imagery. Perceptual and Motor Skills, 2008, 106, 967-978.	1.3	9
213	Age-related changes in midbrain dopaminergic regulation of the human reward system. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15106-15111.	7.1	191
214	Que PASA? The Posterior-Anterior Shift in Aging. Cerebral Cortex, 2008, 18, 1201-1209.	2.9	1,078
215	Systems Neuroplasticity in the Aging Brain: Recruiting Additional Neural Resources for Successful Motor Performance in Elderly Persons. Journal of Neuroscience, 2008, 28, 91-99.	3.6	431
216	Cognitive Control, Goal Maintenance, and Prefrontal Function in Healthy Aging. Cerebral Cortex, 2008, 18, 1010-1028.	2.9	338
217	Regional Variation in Interhemispheric Coordination of Intrinsic Hemodynamic Fluctuations. Journal of Neuroscience, 2008, 28, 13754-13764.	3.6	271
218	Processing resources reduce the effect of Alzheimer pathology on other cognitive systems. Neurology, 2008, 70, 1534-1542.	1.1	66
219	Effect of age, presentation method, and learning on identification of noise-vocoded words. Journal of the Acoustical Society of America, 2008, 123, 476-488.	1.1	52
220	Priming and sentence context support listening to noise-vocoded speech by younger and older adults. Journal of the Acoustical Society of America, 2008, 123, 489-499.	1.1	102
221	Age-related differences in neural activities during risk taking as revealed by functional MRI. Social Cognitive and Affective Neuroscience, 2008, 3, 7-15.	3.0	63

#	ARTICLE	IF	CITATIONS
222	Aging Does Not Affect Brain Patterns of Repetition Effects Associated with Perceptual Priming of Novel Objects. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1762-1776.	2.3	24
223	Structural Organization of the Corpus Callosum Predicts the Extent and Impact of Cortical Activity in the Nondominant Hemisphere. <i>Journal of Neuroscience</i> , 2008, 28, 2912-2918.	3.6	91
224	Age-Related Differences in Brain Activity Underlying Working Memory for Spatial and Nonspatial Auditory Information. <i>Cerebral Cortex</i> , 2008, 18, 189-199.	2.9	76
225	Normal aging affects decisions under ambiguity, but not decisions under risk.. <i>Neuropsychology</i> , 2008, 22, 645-657.	1.3	113
226	Refreshing One of Several Active Representations: Behavioral and Functional Magnetic Resonance Imaging Differences between Young and Older Adults. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 852-862.	2.3	32
227	Is it what you see, or how you say it? Spatial bias in young and aged subjects. <i>Journal of the International Neuropsychological Society</i> , 2008, 14, 562-570.	1.8	42
228	Dissociation of perceptual and motor inhibitory processes in young and elderly participants using the Simon task. <i>Journal of the International Neuropsychological Society</i> , 2008, 14, 1014-1021.	1.8	33
229	Storage and Executive Components of Working Memory: Integrating Cognitive Psychology and Behavior Genetics in the Study of Aging. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2008, 63, P84-P91.	3.9	10
230	Effects of aging on the neural correlates of successful item and source memory encoding.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2008, 34, 791-808.	0.9	269
231	Targeting latent function: Encouraging effective encoding for successful memory training and transfer.. <i>Psychology and Aging</i> , 2008, 23, 754-764.	1.6	54
232	Age Differences in Memory. <i>Advances in Psychology</i> , 2008, 139, 137-149.	0.1	2
233	Chapter 5.3 Structureâ€“function correlates of episodic memory in aging. <i>Handbook of Behavioral Neuroscience</i> , 2008, 18, 521-634.	0.7	0
234	Memory Changes in Normal and Pathological Aging. <i>Canadian Journal of Psychiatry</i> , 2008, 53, 343-345.	1.9	22
235	Functional neuroimaging and cognitive rehabilitation: healthy aging as a model of plasticity. , 0, , 149-161.		0
236	Cerebrovascular Disease and Hippocampal Atrophy Are Differently Linked to Functional Coupling of Brain Areas: An EEG Coherence Study in MCI Subjects. <i>Journal of Alzheimer's Disease</i> , 2008, 14, 285-299.	2.6	57
237	Resurrecting Brinley Plots for a Novel Use: Meta-Analyses of Functional Brain Imaging Data in Older Adults. <i>International Journal of Biomedical Imaging</i> , 2008, 2008, 1-7.	3.9	4
238	Neuropsychology and neuroimaging of sleep-dependent memory processing: implications for aging. , 0, , 45-56.		0
239	Sleep and memory in the elderly. , 0, , 57-64.		0

#	ARTICLE	IF	CITATIONS
240	The ex-illiterate brain: The critical period, cognitive reserve and HAROLD model. <i>Dementia E Neuropsychologia</i> , 2009, 3, 222-227.	0.8	10
241	The Adaptive Brain: Aging and Neurocognitive Scaffolding. <i>Annual Review of Psychology</i> , 2009, 60, 173-196.	17.7	2,045
242	Neural Signatures of Semantic and Phonemic Fluency in Young and Old Adults. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2007-2018.	2.3	186
243	How emotion affects older adults' memories for event details. <i>Memory</i> , 2009, 17, 208-219.	1.7	65
244	Short Article: The influence of task characteristics on younger and older adult motor overflow. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 239-247.	1.1	31
245	New theories and research findings on the positive influence of music and art on health with ageing. <i>Arts and Health</i> , 2009, 1, 48-62.	1.6	74
246	Brain in macro experiential context: biocultural co-construction of lifespan neurocognitive development. <i>Progress in Brain Research</i> , 2009, 178, 17-29.	1.4	8
247	Functional Magnetic Resonance Imaging of Compensatory Neural Recruitment in Aging and Risk for Alzheimer's Disease: Review and Recommendations. <i>Dementia and Geriatric Cognitive Disorders</i> , 2009, 27, 1-10.	1.5	52
248	Effects of Severity of Traumatic Brain Injury and Brain Reserve on Cognitive-Control Related Brain Activation. <i>Journal of Neurotrauma</i> , 2009, 26, 1447-1461.	3.4	56
249	Effects of Age on the Neural Correlates of Retrieval Cue Processing are Modulated by Task Demands. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1-17.	2.3	52
250	Structural and Metabolic Correlates of Episodic Memory in Relation to the Depth of Encoding in Normal Aging. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 372-389.	2.3	32
251	Cerebral White Matter Integrity Mediates Adult Age Differences in Cognitive Performance. <i>Journal of Cognitive Neuroscience</i> , 2008, 21, 289-302.	2.3	228
252	Does White Matter Matter? Spatio-temporal Dynamics of Task Switching in Aging. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1380-1395.	2.3	32
253	Measuring compensation and its plasticity across the lifespan. <i>Restorative Neurology and Neuroscience</i> , 2009, 27, 421-433.	0.7	18
254	Is adaptive neuronal plasticity an epiphenomenon of the BOLD-signal?. <i>Restorative Neurology and Neuroscience</i> , 2009, 27, 567-578.	0.7	5
255	Development of Anterior Cingulate Functional Connectivity from Late Childhood to Early Adulthood. <i>Cerebral Cortex</i> , 2009, 19, 640-657.	2.9	497
256	Striatal Dopamine and Working Memory. <i>Cerebral Cortex</i> , 2009, 19, 445-454.	2.9	251
257	Evidence for Neurocognitive Plasticity in At-Risk Older Adults: The Experience Corps Program. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 1275-1282.	3.6	216



#	ARTICLE	IF	CITATIONS
258	The Relationship between Aging, Performance, and the Neural Correlates of Successful Memory Encoding. <i>Cerebral Cortex</i> , 2009, 19, 733-744.	2.9	147
259	Aging and cortical mechanisms of speech perception in noise. <i>Neuropsychologia</i> , 2009, 47, 693-703.	1.6	272
260	Aging white matter and cognition: Differential effects of regional variations in diffusion properties on memory, executive functions, and speed. <i>Neuropsychologia</i> , 2009, 47, 916-927.	1.6	398
261	Episodic autobiographical memories over the course of time: Cognitive, neuropsychological and neuroimaging findings. <i>Neuropsychologia</i> , 2009, 47, 2314-2329.	1.6	267
262	Effects of advanced aging on the neural correlates of successful recognition memory. <i>Neuropsychologia</i> , 2009, 47, 1352-1361.	1.6	17
263	Cognitive reserve†. <i>Neuropsychologia</i> , 2009, 47, 2015-2028.	1.6	2,321
264	Regional changes in word-production laterality after a naming treatment designed to produce a rightward shift in frontal activity. <i>Brain and Language</i> , 2009, 111, 73-85.	1.6	87
265	Age effects on load-dependent brain activations in working memory for novel material. <i>Brain Research</i> , 2009, 1249, 148-161.	2.2	52
266	Regional fMRI brain activation does correlate with global brain volume. <i>Brain Research</i> , 2009, 1259, 17-25.	2.2	21
267	The effect of age on word-stem cued recall: A behavioral and electrophysiological study. <i>Brain Research</i> , 2009, 1289, 56-68.	2.2	26
268	Asymmetric connectivity reduction and its relationship to “HAROLD” in aging brain. <i>Brain Research</i> , 2009, 1295, 149-158.	2.2	66
269	The effect of aging on the inhibitory function in middle-aged subjects: a functional MRI study coupled with a color-matched Stroop task. <i>International Journal of Geriatric Psychiatry</i> , 2009, 24, 1062-1071.	2.7	36
270	Neural substrates of phonological and lexicosemantic representations in Alzheimer's disease. <i>Human Brain Mapping</i> , 2009, 30, 185-199.	3.6	17
271	Aging and the interaction of sensory cortical function and structure. <i>Human Brain Mapping</i> , 2009, 30, 228-240.	3.6	62
272	Effect of handedness on fMRI activation in the medial temporal lobe during an auditory verbal memory task. <i>Human Brain Mapping</i> , 2009, 30, 1271-1278.	3.6	36
273	Age-related changes in the cerebral substrates of cognitive procedural learning. <i>Human Brain Mapping</i> , 2009, 30, 1374-1386.	3.6	15
274	Interictal quantitative EEG in migraine: a blinded controlled study. <i>Journal of Headache and Pain</i> , 2009, 10, 331-339.	6.0	78
275	Aging, Training, and the Brain: A Review and Future Directions. <i>Neuropsychology Review</i> , 2009, 19, 504-522.	4.9	567



#	ARTICLE	IF	CITATIONS
276	The Impact of Age-Related Changes on Working Memory Functional Activity. Brain Imaging and Behavior, 2009, 3, 142-153.	2.1	66
277	Age-Related Changes in Motor Control During Unimanual Movements. Brain Imaging and Behavior, 2009, 3, 317-331.	2.1	19
278	Age-related changes in short-latency motor cortex inhibition. Experimental Brain Research, 2009, 198, 489-500.	1.5	86
279	Globalâ€œLocal Interference is Related to Callosal Compromise in Alcoholism: A Behaviorâ€œDTI Association Study. Alcoholism: Clinical and Experimental Research, 2009, 33, 477-489.	2.4	39
280	Aging effects on earlyâ€œstage face perception: An ERP study. Psychophysiology, 2009, 46, 970-983.	2.4	64
281	Insights into the neural basis of response inhibition from cognitive and clinical neuroscience. Neuroscience and Biobehavioral Reviews, 2009, 33, 631-646.	6.1	729
282	Differentiation of cognitive abilities across the life span.. Developmental Psychology, 2009, 45, 1097-1118.	1.6	230
283	Lateralisation of spatial processing and age. Laterality, 2009, 14, 17-29.	1.0	7
284	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.	2.2	24
285	Age-related prefrontal over-recruitment in semantic memory retrieval: Evidence from successful face naming and the tip-of-the-tongue state. Biological Psychology, 2009, 82, 89-96.	2.2	13
286	Movement structure in young and elderly adults during goal-directed movements of the left and right arm. Brain and Cognition, 2009, 69, 30-38.	1.8	55
287	A steady state visually evoked potential investigation of memory and ageing. Brain and Cognition, 2009, 69, 571-579.	1.8	35
288	Effects of embryonic light stimulation on the ability to discriminate left from right in the domestic chick. Behavioural Brain Research, 2009, 198, 240-246.	2.2	26
289	A longer duration of schizophrenic illness has sex-specific associations within the working memory neural network in schizophrenia. Behavioural Brain Research, 2009, 201, 41-47.	2.2	22
290	Voxel-based mapping of brain gray matter volume and glucose metabolism profiles in normal aging. Neurobiology of Aging, 2009, 30, 112-124.	3.1	344
291	Altered neural network supporting declarative long-term memory in mild cognitive impairment. Neurobiology of Aging, 2009, 30, 284-298.	3.1	34
292	Neural correlates of incidental memory in mild cognitive impairment: An fMRI study. Neurobiology of Aging, 2009, 30, 717-730.	3.1	57
293	Central and peripheral nervous system interactions: From mind to brain to body. International Journal of Psychophysiology, 2009, 72, 1-4.	1.0	6

#	ARTICLE	IF	CITATIONS
294	When less is more and when more is more: The mediating roles of capacity and speed in brain-behavior efficiency. <i>Intelligence</i> , 2009, 37, 207-222.	3.0	79
296	EEG gamma-band synchronization in visual coding from childhood to old age: Evidence from evoked power and inter-trial phase locking. <i>Clinical Neurophysiology</i> , 2009, 120, 1291-1302.	1.5	54
298	Gender Differences in Lateralized Semantic Priming. <i>Developmental Neuropsychology</i> , 2009, 34, 381-392.	1.4	11
299	Age-related neural activity during allocentric spatial memory. <i>Memory</i> , 2009, 17, 125-143.	1.7	120
300	Quantitative evaluation of Alzheimer's disease. <i>Expert Review of Medical Devices</i> , 2009, 6, 569-588.	2.8	14
301	Neuroplasticity and cognitive aging: The scaffolding theory of aging and cognition. <i>Restorative Neurology and Neuroscience</i> , 2009, 27, 391-403.	0.7	171
302	Age-associated reduction of asymmetry in prefrontal function and preservation of conceptual repetition priming. <i>NeuroImage</i> , 2009, 45, 237-246.	4.2	68
303	Functional imaging studies of episodic memory in Alzheimer's disease: a quantitative meta-analysis. <i>NeuroImage</i> , 2009, 45, 181-190.	4.2	151
304	Assessing the effects of age on long white matter tracts using diffusion tensor tractography. <i>NeuroImage</i> , 2009, 46, 530-541.	4.2	406
305	Neural encoding of sound duration persists in older adults. <i>NeuroImage</i> , 2009, 47, 678-687.	4.2	33
306	Age-associated alterations in cortical gray and white matter signal intensity and gray to white matter contrast. <i>NeuroImage</i> , 2009, 48, 21-28.	4.2	245
307	Source monitoring 15 years later: What have we learned from fMRI about the neural mechanisms of source memory?. <i>Psychological Bulletin</i> , 2009, 135, 638-677.	6.1	520
308	Aging minds and twisting attitudes: An fMRI investigation of age differences in inhibiting prejudice.. <i>Psychology and Aging</i> , 2009, 24, 530-541.	1.6	48
309	Alexithymia and Aging. <i>Journal of Nervous and Mental Disease</i> , 2010, 198, 891-895.	1.0	36
311	Aging does not affect gray matter asymmetry.. <i>Psychology and Aging</i> , 2010, 25, 587-594.	1.6	4
312	A theoretical framework for the study of adult cognitive plasticity.. <i>Psychological Bulletin</i> , 2010, 136, 659-676.	6.1	593
313	With time on our side? Task-dependent compensatory processes in graceful aging. <i>Experimental Brain Research</i> , 2010, 205, 307-324.	1.5	38
314	White Matter Integrity in the Splenium of the Corpus Callosum is Related to Successful Cognitive Aging and Partly Mediates the Protective Effect of an Ancestral Polymorphism in ADRB2. <i>Behavior Genetics</i> , 2010, 40, 146-156.	2.1	35

#	ARTICLE	IF	CITATIONS
315	Functional Topography of the Cerebellum in Verbal Working Memory. <i>Neuropsychology Review</i> , 2010, 20, 271-279.	4.9	170
316	Delays in neural processing during working memory encoding in normal aging. <i>Neuropsychologia</i> , 2010, 48, 13-25.	1.6	95
317	Functional neuroimaging of self-referential encoding with age. <i>Neuropsychologia</i> , 2010, 48, 211-219.	1.6	92
318	Bimanual coordination and aging: Neurobehavioral implications. <i>Neuropsychologia</i> , 2010, 48, 1165-1170.	1.6	86
319	fMRI responses to words repeated in a congruous semantic context are abnormal in mild Alzheimer's disease. <i>Neuropsychologia</i> , 2010, 48, 2476-2487.	1.6	15
320	Age-related changes in neural activity during source memory encoding in young, middle-aged and elderly adults. <i>Neuropsychologia</i> , 2010, 48, 2537-2549.	1.6	32
321	Individual differences in executive functioning modulate age effects on the ERP correlates of retrieval success. <i>Neuropsychologia</i> , 2010, 48, 3540-3553.	1.6	29
322	Bilateral brain regions associated with naming in older adults. <i>Brain and Language</i> , 2010, 113, 113-123.	1.6	63
323	Age-effects on associative objectâ€location memory. <i>Brain Research</i> , 2010, 1315, 100-110.	2.2	23
324	The amount of retrieval support modulates age effects on episodic memory: Evidence from event-related potentials. <i>Brain Research</i> , 2010, 1335, 41-52.	2.2	16
325	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. <i>Human Brain Mapping</i> , 2010, 31, 1281-1295.	3.6	134
326	Parkinson's disease and healthy aging: Independent and interacting effects on action selection. <i>Human Brain Mapping</i> , 2010, 31, 1886-1899.	3.6	30
327	Reliable differences in brain activity between young and old adults: A quantitative meta-analysis across multiple cognitive domains. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 1178-1194.	6.1	294
328	Episodic memory across the lifespan: The contributions of associative and strategic components. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 1080-1091.	6.1	251
329	Event-related potentials reveal the effects of aging on meaning selection and revision. <i>Psychophysiology</i> , 2010, 47, 673-86.	2.4	20
330	The neuroscience of human intelligence differences. <i>Nature Reviews Neuroscience</i> , 2010, 11, 201-211.	10.2	886
331	Neural mechanisms of ageing and cognitive decline. <i>Nature</i> , 2010, 464, 529-535.	27.8	1,079
332	Modulation of decisionâ€making in a gambling task in older adults with transcranial direct current stimulation. <i>European Journal of Neuroscience</i> , 2010, 31, 593-597.	2.6	142

#	ARTICLE	IF	CITATIONS
333	Age differences in default mode activity on easy and difficult spatial judgment tasks. <i>Frontiers in Human Neuroscience</i> , 2010, 3, 75.	2.0	84
334	Non-Invasive Brain Stimulation: Enhancing Motor and Cognitive Functions In Healthy Old Subjects. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 149.	3.4	79
335	Neuronal and Cognitive Plasticity: A Neurocognitive Framework for Ameliorating Cognitive Aging. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 150.	3.4	131
336	Action and Object Naming in Physiological Aging: An rTMS Study. <i>Frontiers in Aging Neuroscience</i> , 2010, 2, 151.	3.4	28
337	Age Differences in the Neural Representation of Working Memory Revealed by Multi-Voxel Pattern Analysis. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 217.	2.0	95
338	On Creativity, Illness, and Aging. <i>Journal of Aging, Humanities, and the Arts</i> , 2010, 4, 302-311.	0.0	0
339	COMT Val108/158 Met Genotype Affects Neural but not Cognitive Processing in Healthy Individuals. <i>Cerebral Cortex</i> , 2010, 20, 672-683.	2.9	48
340	Preserving Syntactic Processing across the Adult Life Span: The Modulation of the Frontotemporal Language System in the Context of Age-Related Atrophy. <i>Cerebral Cortex</i> , 2010, 20, 352-364.	2.9	185
341	Human Neuroscience and the Aging Mind: A New Look at Old Problems. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2010, 65B, 405-415.	3.9	328
342	Age-independent activation in areas of the mirror neuron system during action observation and action imagery. A fMRI study. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 737-747.	0.7	57
343	Effects of Age and Working Memory Capacity on Pitch Pattern Sequence Test and Dichotic Listening. <i>Audiology and Neuro-Otology</i> , 2010, 15, 303-310.	1.3	20
344	Neural Specificity Predicts Fluid Processing Ability in Older Adults. <i>Journal of Neuroscience</i> , 2010, 30, 9253-9259.	3.6	119
345	Alerting, orienting, and executive attention in older adults. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 877-889.	1.8	75
346	Longitudinal evidence for diminished frontal cortex function in aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22682-22686.	7.1	241
347	A Multivariate Analysis of Age-Related Differences in Default Mode and Task-Positive Networks across Multiple Cognitive Domains. <i>Cerebral Cortex</i> , 2010, 20, 1432-1447.	2.9	286
348	Neural Processing during Older Adults' Comprehension of Spoken Sentences: Age Differences in Resource Allocation and Connectivity. <i>Cerebral Cortex</i> , 2010, 20, 773-782.	2.9	207
349	Asymmetrical Effects of Adaptation to Left- and Right-Shifting Prisms Depends on Pre-existing Attentional Biases. <i>Journal of the International Neuropsychological Society</i> , 2010, 16, 795-804.	1.8	51
350	Age-Dependent Differences in the Neural Mechanisms Supporting Long-Term Declarative Memories. <i>Archives of Clinical Neuropsychology</i> , 2010, 25, 383-395.	0.5	28

#	ARTICLE	IF	CITATIONS
351	Effects of Age on the Temporal Organization of Working Memory in Deaf Signers. <i>Aging, Neuropsychology, and Cognition</i> , 2010, 17, 360-383.	1.3	16
352	Age-related valence-based reversal in recruitment of medial prefrontal cortex on a visual search task. <i>Social Neuroscience</i> , 2010, 5, 560-576.	1.3	32
353	Age-Related Shifts in Brain Activity Dynamics during Task Switching. <i>Cerebral Cortex</i> , 2010, 20, 1420-1431.	2.9	124
354	Span, CRUNCH, and Beyond: Working Memory Capacity and the Aging Brain. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 655-669.	2.3	342
355	Obstructive Sleep Apnea and Age. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 413-419.	5.6	92
356	Compensation and Disease Severity on the Memory-Related Activations in Mild Cognitive Impairment. <i>Biological Psychiatry</i> , 2010, 68, 894-902.	1.3	109
357	Transformations in oscillatory activity and evoked responses in primary somatosensory cortex in middle age: A combined computational neural modeling and MEG study. <i>NeuroImage</i> , 2010, 52, 897-912.	4.2	44
358	Increased functional brain response during word retrieval in cognitively intact older adults at genetic risk for Alzheimer's disease. <i>NeuroImage</i> , 2010, 51, 1222-1233.	4.2	31
359	Executive function in daily life: Age-related influences of executive processes on instrumental activities of daily living.. <i>Psychology and Aging</i> , 2010, 25, 343-355.	1.6	241
360	Contemporary Review 2009: Cognitive Aging. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2010, 23, 75-93.	2.3	262
361	Frequency analysis of the visual steady-state response measured with the fast optical signal in younger and older adults. <i>Biological Psychology</i> , 2010, 85, 79-89.	2.2	21
362	Functional neuroanatomy of the encoding and retrieval processes of verbal episodic memory in MCI. <i>Cortex</i> , 2010, 46, 1005-1015.	2.4	49
363	Age-related changes in prefrontal cortex activity are associated with behavioural deficits in both temporal andÁspatial context memory retrieval in older adults. <i>Cortex</i> , 2010, 46, 535-549.	2.4	93
364	The impact of increased relational encoding demands on frontal and hippocampal function in older adults. <i>Cortex</i> , 2010, 46, 507-521.	2.4	69
365	Ageing affects brain activity in highly educated older adults: An ERP study using a word-stem priming task. <i>Cortex</i> , 2010, 46, 522-534.	2.4	49
366	Age differences in prefrontal recruitment during verbal working memory maintenance depend on memory load. <i>Cortex</i> , 2010, 46, 462-473.	2.4	333
367	The cognitive neuroscience of aging: New findings on compensation and connectivity. <i>Cortex</i> , 2010, 46, 421-424.	2.4	29
368	Protective role of educational level on episodic memory aging: An event-related potential study. <i>Brain and Cognition</i> , 2010, 74, 312-323.	1.8	54

#	ARTICLE	IF	CITATIONS
369	The effect of attending to motor overflow on its voluntary inhibition in young and older adults. <i>Brain and Cognition</i> , 2010, 74, 358-364.	1.8	23
370	Mobile phone emission modulates inter-hemispheric functional coupling of EEG alpha rhythms in elderly compared to young subjects. <i>Clinical Neurophysiology</i> , 2010, 121, 163-171.	1.5	67
371	Vascular health risks and fMRI activation during a memory task in older adults. <i>Neurobiology of Aging</i> , 2010, 31, 1532-1542.	3.1	35
373	fMRI congruous word repetition effects reflect memory variability in normal elderly. <i>Neurobiology of Aging</i> , 2010, 31, 1975-1990.	3.1	14
374	Executive control function, brain activation and white matter hyperintensities in older adults. <i>NeuroImage</i> , 2010, 49, 3436-3442.	4.2	70
375	Brain activation during interference resolution in young and older adults: An fMRI study. <i>NeuroImage</i> , 2010, 50, 810-817.	4.2	78
376	Growing Together and Growing Apart: Regional and Sex Differences in the Lifespan Developmental Trajectories of Functional Homotopy. <i>Journal of Neuroscience</i> , 2010, 30, 15034-15043.	3.6	619
377	Brain plasticity and cognitive neurorehabilitation. <i>Neuropsychological Rehabilitation</i> , 2011, 21, 560-578.	1.6	50
378	Hemispheric lateralization in aging: Interest of the verbal-manual concurrency paradigm. <i>Aging, Neuropsychology, and Cognition</i> , 2011, 18, 620-631.	1.3	2
379	Transcallosal transfer of information and functional asymmetry of the human brain. <i>Laterality</i> , 2011, 16, 35-74.	1.0	72
380	The time course of access to semantic information in high-performing older adults: Behavioral evidence for the hemispheric asymmetry reduction in OLDER individuals. <i>Aging, Neuropsychology, and Cognition</i> , 2011, 18, 452-470.	1.3	4
381	Reduced Interhemispheric Resting State Functional Connectivity in Cocaine Addiction. <i>Biological Psychiatry</i> , 2011, 69, 684-692.	1.3	209
382	A Review of Functional Brain Imaging Correlates of Successful Cognitive Aging. <i>Biological Psychiatry</i> , 2011, 70, 115-122.	1.3	181
383	Age-related alterations in the modular organization of structural cortical network by using cortical thickness from MRI. <i>NeuroImage</i> , 2011, 56, 235-245.	4.2	160
384	Cerebrovascular hemodynamic correlates of aging in the Lou/c rat: A model of healthy aging. <i>NeuroImage</i> , 2011, 56, 1892-1901.	4.2	25
385	Selective updating of working memory content modulates meso-cortico-striatal activity. <i>NeuroImage</i> , 2011, 57, 1264-1272.	4.2	92
386	The effects of aging on material-independent and material-dependent neural correlates of contextual binding. <i>NeuroImage</i> , 2011, 57, 1192-1204.	4.2	44
387	Age differences in neural distinctiveness revealed by multi-voxel pattern analysis. <i>NeuroImage</i> , 2011, 56, 736-743.	4.2	189

#	ARTICLE	IF	CITATIONS
388	Low frequency fluctuations reveal integrated and segregated processing among the cerebral hemispheres. <i>NeuroImage</i> , 2011, 54, 517-527.	4.2	54
389	Right Hemisphere Dominance in Visual Statistical Learning. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1088-1099.	2.3	47
390	Increased biomagnetic activity in healthy elderly with subjective memory complaints. <i>Clinical Neurophysiology</i> , 2011, 122, 499-505.	1.5	31
391	Successful physiological aging and episodic memory: A brain stimulation study. <i>Behavioural Brain Research</i> , 2011, 216, 153-158.	2.2	64
392	Physical activity and neural correlates of aging: A combined TMS/fMRI study. <i>Behavioural Brain Research</i> , 2011, 222, 158-168.	2.2	71
393	Effects of aging on habituation to novelty: An ERP study. <i>International Journal of Psychophysiology</i> , 2011, 79, 97-105.	1.0	22
394	Motor asymmetry reduction in older adults. <i>Neuroscience Letters</i> , 2011, 489, 99-104.	2.1	74
395	Functional magnetic resonance imaging as a dynamic candidate biomarker for Alzheimer's disease. <i>Progress in Neurobiology</i> , 2011, 95, 557-569.	5.7	53
396	Cortical control of unilateral simple movement in healthy aging. <i>Neurobiology of Aging</i> , 2011, 32, 524-538.	3.1	22
397	Memory activation in healthy nonagenarians. <i>Neurobiology of Aging</i> , 2011, 32, 515-523.	3.1	19
398	Dopamine D1 receptors and age differences in brain activation during working memory. <i>Neurobiology of Aging</i> , 2011, 32, 1849-1856.	3.1	103
399	Age-related dedifferentiation of learning systems: an fMRI study of implicit and explicit learning. <i>Neurobiology of Aging</i> , 2011, 32, 2318.e17-2318.e30.	3.1	151
401	Executive Function and Cognitive Aging. , 2011, , 59-72.		22
402	Socioemotional Functioning and the Aging Brain. , 2011, , .		36
403	Age-Related Changes in Electrophysiological and Neuropsychological Indices of Working Memory, Attention Control, and Cognitive Flexibility. <i>Frontiers in Psychology</i> , 2011, 2, 190.	2.1	29
404	Improved Proper Name Recall in Aging after Electrical Stimulation of the Anterior Temporal Lobes. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 16.	3.4	79
405	Cardiorespiratory Fitness and Attentional Control in the Aging Brain. <i>Frontiers in Human Neuroscience</i> , 2011, 4, 229.	2.0	116
406	Age Differences in Interhemispheric Interactions: Callosal Structure, Physiological Function, and Behavior. <i>Frontiers in Neuroscience</i> , 2011, 5, 38.	2.8	60



#	ARTICLE	IF	CITATIONS
407	Effects of Hypoperfusion in Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 26, 123-133.	2.6	169
408	Brain Activity Patterns in Stable and Progressive Mild Cognitive Impairment During Working Memory as Evidenced by Magnetoencephalography. Journal of Clinical Neurophysiology, 2011, 28, 202-209.	1.7	20
409	Decreasing complexity of affective space in older adults lower on cognitive control: Affective effects in a nonaffective task and with nonaffective stimuli.. Psychology and Aging, 2011, 26, 716-730.	1.6	11
410	On the specificity of face cognition compared with general cognitive functioning across adult age.. Psychology and Aging, 2011, 26, 701-715.	1.6	74
411	Morphological Cerebral Correlates of CERAD Test Performance in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 23, 411-420.	2.6	63
412	Cutaneous afferent input does not modulate motor intracortical inhibition in ageing men. European Journal of Neuroscience, 2011, 34, 1461-1469.	2.6	20
413	Altered brain response for semantic knowledge in Alzheimer's disease. Neuropsychologia, 2011, 49, 392-404.	1.6	21
414	Time and spatial attention: Effects of prism adaptation on temporal deficits in brain damaged patients. Neuropsychologia, 2011, 49, 1016-1023.	1.6	47
415	The temporal dynamics of prospective memory: A review of the ERP and prospective memory literature. Neuropsychologia, 2011, 49, 2233-2245.	1.6	83
416	Age differences in callosal contributions to cognitive processes. Neuropsychologia, 2011, 49, 2564-2569.	1.6	38
417	Tactile rod bisection in the absence of visuo-spatial processing in children, mid-age and older adults. Neuropsychologia, 2011, 49, 3392-3398.	1.6	24
418	The cortical neuroanatomy of neuropsychological deficits in mild cognitive impairment and Alzheimer's disease: A surface-based morphometric analysis. Neuropsychologia, 2011, 49, 3931-3945.	1.6	60
419	Neurofunctional Characterization of Verbal Fluency in Successful Aging. Procedia, Social and Behavioral Sciences, 2011, 23, 154-155.	0.5	0
420	EEG frontal asymmetry in the depressed and remitted elderly: Is it related to the trait or to the state of depression?. Journal of Affective Disorders, 2011, 129, 143-148.	4.1	73
421	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.	2.2	32
422	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.	2.2	15
423	Multisensory integration across the senses in young and old adults. Brain Research, 2011, 1426, 43-53.	2.2	109
424	Functional connectivity during recognition memory in individuals genetically at risk for Alzheimer's disease. Human Brain Mapping, 2013, 34, 530-542.	3.6	18



#	ARTICLE	IF	CITATIONS
425	Development and Decline of Memory Functions in Normal, Pathological and Healthy Successful Aging. Brain Topography, 2011, 24, 323-339.	1.8	46
426	Drug Therapy of Post-Stroke Aphasia: A Review of Current Evidence. Neuropsychology Review, 2011, 21, 302-317.	4.9	90
427	Visual demand and visual field presentation influence natural scene processing. Graefes's Archive for Clinical and Experimental Ophthalmology, 2011, 249, 223-232.	1.9	4
429	Aging reduces asymmetries in interlimb transfer of visuomotor adaptation. Experimental Brain Research, 2011, 210, 283-290.	1.5	60
430	Electroencephalographic coherence, aging, and memory: distinct responses to background context and stimulus repetition in younger, older, and older declined groups. Experimental Brain Research, 2011, 212, 241-255.	1.5	8
431	Neurocognition of aging in working environments. Journal for Labour Market Research, 2011, 44, 307-320.	1.1	15
432	Correlations of striatal dopamine synthesis with default network deactivations during working memory in younger adults. Human Brain Mapping, 2011, 32, 947-961.	3.6	50
433	Two Hemispheres for Better Memory in Old Age: Role of Executive Functioning. Journal of Cognitive Neuroscience, 2011, 23, 3767-3777.	2.3	31
434	Overrecruitment in the Aging Brain as a Function of Task Demands: Evidence for a Compensatory View. Journal of Cognitive Neuroscience, 2011, 23, 801-815.	2.3	88
435	Face Processing Changes in Normal Aging Revealed by fMRI Adaptation. Journal of Cognitive Neuroscience, 2011, 23, 3433-3447.	2.3	58
436	The Role of Diffusion Tensor Imaging in the Study of Cognitive Aging. Current Topics in Behavioral Neurosciences, 2011, 11, 289-320.	1.7	31
437	Processing emotion from the eyes: A divided visual field and ERP study. Laterality, 2012, 17, 1-29.	1.0	4
438	Age-dependent relationships between prefrontal cortex activation and processing efficiency. Cognitive Neuroscience, 2011, 2, 1-10.	1.4	38
439	Cognitive and neural contributors to emotion regulation in aging. Social Cognitive and Affective Neuroscience, 2011, 6, 165-176.	3.0	178
440	Enhanced Rapid-Onset Cortical Plasticity in CADASIL as a Possible Mechanism of Preserved Cognition. Cerebral Cortex, 2011, 21, 2774-2787.	2.9	30
441	Influence of Aging on the Neural Correlates of Autobiographical, Episodic, and Semantic Memory Retrieval. Journal of Cognitive Neuroscience, 2011, 23, 4150-4163.	2.3	80
442	Functional Magnetic Resonance Imaging in Aging and Dementia: Detection of Age-Related Cognitive Changes and Prediction of Cognitive Decline. Current Topics in Behavioral Neurosciences, 2011, 10, 113-136.	1.7	13
443	Age-Related Changes in Right Middle Frontal Gyrus Volume Correlate with Altered Episodic Retrieval Activity. Journal of Neuroscience, 2011, 31, 17941-17954.	3.6	68

#	ARTICLE	IF	CITATIONS
444	The Effects of Age, Memory Performance, and Callosal Integrity on the Neural Correlates of Successful Associative Encoding. <i>Cerebral Cortex</i> , 2011, 21, 2166-2176.	2.9	128
445	Caudate Dopamine D1 Receptor Density Is Associated with Individual Differences in Frontoparietal Connectivity during Working Memory. <i>Journal of Neuroscience</i> , 2011, 31, 14284-14290.	3.6	70
446	Anatomical Correlates of Age-Related Working Memory Declines. <i>Journal of Aging Research</i> , 2011, 2011, 1-9.	0.9	38
447	Late life cognitive control deficits are accentuated by white matter disease burden. <i>Brain</i> , 2011, 134, 1673-1683.	7.6	51
448	Age-related changes in the appreciation of novel metaphoric semantic relations. <i>Aging, Neuropsychology, and Cognition</i> , 2011, 18, 527-543.	1.3	18
449	Functional Neuroimaging Studies in Normal Aging. <i>Current Topics in Behavioral Neurosciences</i> , 2011, 10, 91-111.	1.7	6
450	Training-related brain plasticity in subjects at risk of developing Alzheimer's disease. <i>Brain</i> , 2011, 134, 1623-1634.	7.6	306
451	Genetic architecture of context processing in late middle age: More than one underlying mechanism.. <i>Psychology and Aging</i> , 2011, 26, 852-863.	1.6	20
452	Older Adults Capitalize on Contextual Information to Guide Search. <i>Experimental Aging Research</i> , 2011, 37, 539-571.	1.2	21
453	The Cognitive Consequences of Structural Changes to the Aging Brain. , 2011, , 73-91.		17
454	Age-related differences in interhemispheric visuomotor integration measured by the redundant target effect.. <i>Psychology and Aging</i> , 2012, 27, 399-409.	1.6	12
455	Failure to Modulate Attentional Control in Advanced Aging Linked to White Matter Pathology. <i>Cerebral Cortex</i> , 2012, 22, 1038-1051.	2.9	68
456	Session II: Mechanisms of Age-Related Cognitive Change and Targets for Intervention: Neural Circuits, Networks, and Plasticity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 747-753.	3.6	37
457	Age Differences in the Effort and Costs Associated With Cognitive Activity. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2012, 67, 447-455.	3.9	56
458	Interhemispheric Control of Unilateral Movement. <i>Neural Plasticity</i> , 2012, 2012, 1-11.	2.2	102
459	Age-Related Decline in Controlled Retrieval: The Role of the PFC and Sleep. <i>Neural Plasticity</i> , 2012, 2012, 1-15.	2.2	42
460	The Architecture of Cross-Hemispheric Communication in the Aging Brain: Linking Behavior to Functional and Structural Connectivity. <i>Cerebral Cortex</i> , 2012, 22, 232-242.	2.9	150
461	Enhancing memory performance with rTMS in healthy subjects and individuals with Mild Cognitive Impairment: the role of the right dorsolateral prefrontal cortex. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 62.	2.0	98

#	ARTICLE	IF	CITATIONS
462	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.	7.1	44
463	Cognitive and Neural Effects of Semantic Encoding Strategy Training in Older Adults. Cerebral Cortex, 2012, 22, 788-799.	2.9	76
464	Changes in diffusion path length with old age in diffuse optical tomography. Journal of Biomedical Optics, 2012, 17, 056002.	2.6	20
465	Compensation through Increased Functional Connectivity: Neural Correlates of Inhibition in Old and Young. Journal of Cognitive Neuroscience, 2012, 24, 2057-2069.	2.3	28
466	The Effect of Aging on the Neural Correlates of Phonological Word Retrieval. Journal of Cognitive Neuroscience, 2012, 24, 2135-2146.	2.3	22
467	The Effects of Aging on Material-Independent and Material-Dependent Neural Correlates of Source Memory Retrieval. Cerebral Cortex, 2012, 22, 37-50.	2.9	61
468	Increased Excitability of Somatosensory Cortex in Aged Humans is Associated with Impaired Tactile Acuity. Journal of Neuroscience, 2012, 32, 1811-1816.	3.6	99
469	Functional Connectivity Variations in Mild Cognitive Impairment: Associations with Cognitive Function. Journal of the International Neuropsychological Society, 2012, 18, 39-48.	1.8	48
470	Individual differences in rhythmic ability: Behavioral and neuroimaging investigations.. Psychomusicology: Music, Mind and Brain, 2012, 22, 105-121.	0.3	68
471	Compensatory Brain Activity during Encoding among Older Adults with Better Recognition Memory for Face-Name Pairs: An Integrative Functional, Structural, and Perfusion Imaging Study. Journal of the International Neuropsychological Society, 2012, 18, 402-413.	1.8	34
472	Relation between working memory performance and evoked cerebral blood oxygenation changes in the prefrontal cortex evaluated by quantitative time-resolved near-infrared spectroscopy. Neurological Research, 2012, 34, 114-119.	1.3	22
473	Aging in Autism Spectrum Disorders: A Mini-Review. Gerontology, 2012, 58, 70-78.	2.8	134
474	Cerebrovascular Function in Aging and Dementia: A Systematic Review of Transcranial Doppler Studies. Dementia and Geriatric Cognitive Disorders Extra, 2012, 2, 258-270.	1.3	63
475	Corpus callosum in aging and neurodegenerative diseases. Neurodegenerative Disease Management, 2012, 2, 493-502.	2.2	10
476	Non-Pharmacological Intervention for Memory Decline. Frontiers in Human Neuroscience, 2012, 6, 46.	2.0	53
477	Memory encoding and aging: A neurocognitive perspective. Neuroscience and Biobehavioral Reviews, 2012, 36, 1729-1739.	6.1	222
478	Episodic autobiographical memory in normal aging and mild cognitive impairment: A population-based study. Psychiatry Research, 2012, 200, 807-812.	3.3	39
479	Influence of age on the dynamics of fMRI activations during a semantic fluency task. Journal of Neuroradiology, 2012, 39, 158-166.	1.1	21

#	ARTICLE	IF	CITATIONS
480	El lenguaje en el envejecimiento: procesos de recuperación. <i>Revista De Logopedia, Foniatria Y Audiología</i> , 2012, 32, 34-46.	0.5	7
481	The Impact of Health Service Provider Agreeableness on Care Quality Variation. <i>Service Science</i> , 2012, 4, 295-307.	1.3	7
482	Impact of changed positive and negative task-related brain activity on word-retrieval in aging. <i>Neurobiology of Aging</i> , 2012, 33, 656-669.	3.1	69
483	Age-related changes in processing faces from detection to identification: ERP evidence. <i>Neurobiology of Aging</i> , 2012, 33, 206.e1-206.e28.	3.1	60
484	Age-related effects on the neural correlates of autobiographical memory retrieval. <i>Neurobiology of Aging</i> , 2012, 33, 1298-1310.	3.1	80
485	Local brain atrophy accounts for functional activity differences in normal aging. <i>Neurobiology of Aging</i> , 2012, 33, 623.e1-623.e13.	3.1	83
486	Evidence for motor cortex dedifferentiation in older adults. <i>Neurobiology of Aging</i> , 2012, 33, 1890-1899.	3.1	97
487	Healthy aging attenuates task-related specialization in the human medial temporal lobe. <i>Neurobiology of Aging</i> , 2012, 33, 1874-1889.	3.1	22
488	Acute moderate exercise enhances compensatory brain activation in older adults. <i>Neurobiology of Aging</i> , 2012, 33, 2621-2632.	3.1	184
489	Memory monitoring performance and PFC activity are associated with 5-HTTLPR genotype in older adults. <i>Neuropsychologia</i> , 2012, 50, 2257-2270.	1.6	17
490	Cognitive function, physical activity, and aging: Possible biological links and implications for multimodal interventions. <i>Aging, Neuropsychology, and Cognition</i> , 2012, 19, 248-263.	1.3	141
491	Where Is ELSA? The Early to Late Shift in Aging. <i>Cerebral Cortex</i> , 2012, 22, 2542-2553.	2.9	58
492	Decision-making strategies and performance among seniors. <i>Journal of Economic Behavior and Organization</i> , 2012, 81, 524-533.	2.0	44
493	Episodic memory and event construction in aging and amnesia. <i>Journal of Memory and Language</i> , 2012, 67, 270-284.	2.1	42
494	Age-related changes of task-specific brain activity in normal aging. <i>Neuroscience Letters</i> , 2012, 507, 78-83.	2.1	34
495	Factors affecting medial temporal lobe engagement for past and future episodic events: An ALE meta-analysis of neuroimaging studies. <i>Brain and Cognition</i> , 2012, 80, 111-125.	1.8	65
496	Exploring the neural basis of cognitive reserve in aging. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 467-473.	3.8	264
497	Functional magnetic resonance imaging of semantic memory as a presymptomatic biomarker of Alzheimer's disease risk. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 442-456.	3.8	31

#	ARTICLE	IF	CITATIONS
498	A dual task priming investigation of right hemisphere inhibition for people with left hemisphere lesions. Behavioral and Brain Functions, 2012, 8, 14.	3.3	5
499	Common and Differential Pathophysiological Features Accompany Comparable Cognitive Impairments in Medication-Free Patients with Schizophrenia and in Healthy Aging Subjects. Biological Psychiatry, 2012, 71, 890-897.	1.3	29
500	Decoding episodic memory in ageing: A Bayesian analysis of activity patterns predicting memory. NeuroImage, 2012, 59, 1772-1782.	4.2	43
501	Adjusting for global effects in voxel-based morphometry: Gray matter decline in normal aging. NeuroImage, 2012, 60, 1503-1516.	4.2	166
502	Neurophysiological correlates of age-related changes in working memory updating. NeuroImage, 2012, 62, 2151-2160.	4.2	44
503	Grammar learning in older adults is linked to white matter microstructure and functional connectivity. NeuroImage, 2012, 62, 1667-1674.	4.2	38
504	Communicative Clusters after a Right-Hemisphere Stroke: Are There Universal Clinical Profiles?. Folia Phoniatica Et Logopaedica, 2012, 64, 199-207.	1.1	26
505	From Children to Adults: Motor Performance across the Life-Span. PLoS ONE, 2012, 7, e38830.	2.5	75
506	Hand Dominance and Age Have Interactive Effects on Motor Cortical Representations. PLoS ONE, 2012, 7, e45443.	2.5	15
507	Reduced Hippocampal Volume in Healthy Young ApoE4 Carriers: An MRI Study. PLoS ONE, 2012, 7, e48895.	2.5	168
508	La musique comme outil de stimulation cognitive. Annee Psychologique, 2012, 112, 499-542.	0.3	5
509	Differences between Old and Young Adults's Ability to Recognize Human Faces Underlie Processing of Horizontal Information. Frontiers in Aging Neuroscience, 2012, 4, 3.	3.4	26
510	The effects of age on cerebral activations: internally versus externally driven processes. Frontiers in Aging Neuroscience, 2012, 4, 4.	3.4	36
511	Characterizing cognitive aging in humans with links to animal models. Frontiers in Aging Neuroscience, 2012, 4, 21.	3.4	96
512	Virtual navigation strategies from childhood to senescence: evidence for changes across the life span. Frontiers in Aging Neuroscience, 2012, 4, 28.	3.4	130
513	Age-Related Influences of Prior Sleep on Brain Activation during Verbal Encoding. Frontiers in Neurology, 2012, 3, 49.	2.4	15
514	Episodic memory function is associated with multiple measures of white matter integrity in cognitive aging. Frontiers in Human Neuroscience, 2012, 6, 56.	2.0	100
515	Naming Ability Changes in Physiological and Pathological Aging. Frontiers in Neuroscience, 2012, 6, 120.	2.8	17

#	ARTICLE	IF	CITATIONS
516	The effects of aging on language and communication. , 2012, , 13-36.		0
517	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.	2.6	47
518	Images of the Cognitive Brain Across Age and Culture. , 0, , .		3
520	Influence of reading habits on cerebral plasticity for discourse comprehension in aging. Ilha Do Desterro, 2012, .	0.1	2
521	The cognitive neuroscience of ageing. Nature Reviews Neuroscience, 2012, 13, 491-505.	10.2	1,043
522	Biomarkers of Cognitive Training Effects in Aging. Current Translational Geriatrics and Experimental Gerontology Reports, 2012, 1, 104-110.	0.7	86
523	Elderly with Autism: Executive Functions and Memory. Journal of Autism and Developmental Disorders, 2012, 42, 665-675.	2.7	118
524	Representing others's actions: the role of expertise in the aging mind. Psychological Research, 2012, 76, 525-541.	1.7	38
525	Age differences in simulated driving performance: Compensatory processes. Accident Analysis and Prevention, 2012, 45, 660-668.	5.7	87
526	Neurofunctional (re)organization underlying narrative discourse processing in aging: Evidence from fNIRS. Brain and Language, 2012, 121, 174-184.	1.6	12
527	Contribution of NIRS to the study of prefrontal cortex for verbal fluency in aging. Brain and Language, 2012, 121, 164-173.	1.6	53
528	Electrophysiological entropy in younger adults, older controls and older cognitively declined adults. Brain Research, 2012, 1445, 1-10.	2.2	24
529	Age-Related Changes in the Structure and Function of Brain Regions Involved in Pain Processing. Pain Medicine, 2012, 13, S37-S43.	1.9	57
530	Cognitive intervention in amnesic Mild Cognitive Impairment: A systematic review. Neuroscience and Biobehavioral Reviews, 2012, 36, 1163-1178.	6.1	195
531	Both left and right posterior parietal activations contribute to compensatory processes in normal aging. Neuropsychologia, 2012, 50, 55-66.	1.6	85
532	Social economic decision-making across the lifespan: An fMRI investigation. Neuropsychologia, 2012, 50, 1416-1424.	1.6	64
533	Callosal tissue loss parallels subtle decline in psychomotor speed. A longitudinal quantitative MRI study. The LADIS Study. Neuropsychologia, 2012, 50, 1650-1655.	1.6	17
534	Reduced motor asymmetry in older adults when manually tracing paths. Experimental Brain Research, 2012, 217, 35-41.	1.5	27

#	ARTICLE	IF	CITATIONS
535	Effects of low versus high frequencies of repetitive transcranial magnetic stimulation on cognitive function and cortical excitability in Alzheimer's dementia. <i>Journal of Neurology</i> , 2012, 259, 83-92.	3.6	222
536	Brain plasticity for verbal and visual memories in patients with mesial temporal lobe epilepsy and hippocampal sclerosis: An fMRI study. <i>Human Brain Mapping</i> , 2013, 34, 186-199.	3.6	68
537	Disturbed cortico-subcortical interactions during motor task switching in traumatic brain injury. <i>Human Brain Mapping</i> , 2013, 34, 1254-1271.	3.6	39
538	The effects of aging on the asymmetry of inter-limb transfer in a visuomotor task. <i>Experimental Brain Research</i> , 2013, 229, 621-633.	1.5	15
539	Mental images across the adult lifespan: a behavioural and fMRI investigation of motor execution and motor imagery. <i>Experimental Brain Research</i> , 2013, 224, 519-540.	1.5	67
540	Reassessing the HAROLD model: Is the hemispheric asymmetry reduction in older adults a special case of compensatory-related utilisation of neural circuits?. <i>Experimental Brain Research</i> , 2013, 224, 393-410.	1.5	115
541	The horizontal dark oculomotor rest position. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 2119-2130.	1.9	3
542	Age-related neural correlates of cognitive task performance under increased postural load. <i>Age</i> , 2013, 35, 2111-2124.	3.0	22
543	Theta responses are abnormal in mild cognitive impairment: evidence from analysis of theta event-related synchronization during a temporal expectancy task. <i>Journal of Neural Transmission</i> , 2013, 120, 1093-1107.	2.8	14
544	From perception to memory: Changes in memory systems across the lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2258-2267.	6.1	60
545	La pensée post-formelle en gérontagogie ou l'après-Piaget. <i>Psychologie Française</i> , 2013, 58, 241-253.	0.4	1
546	Differential effects of aging on the neural correlates of recollection and familiarity. <i>Cortex</i> , 2013, 49, 1585-1597.	2.4	53
547	Aberrant cortico-subcortical functional connectivity among women with poor motor control: Toward uncovering the substrate of hyperkinetic perseveration. <i>Neuropsychologia</i> , 2013, 51, 2130-2141.	1.6	8
548	Normal Cognitive Aging. <i>Clinics in Geriatric Medicine</i> , 2013, 29, 737-752.	2.6	1,377
549	Learning and memory. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 116, 693-737.	1.8	52
550	Frontotemporal Network Connectivity during Memory Encoding Is Increased with Aging and Disrupted by Beta-Amyloid. <i>Journal of Neuroscience</i> , 2013, 33, 18425-18437.	3.6	58
551	Contralesional motor deficits after unilateral stroke reflect hemisphere-specific control mechanisms. <i>Brain</i> , 2013, 136, 1288-1303.	7.6	129
552	Foreign language training as cognitive therapy for age-related cognitive decline: A hypothesis for future research. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 2689-2698.	6.1	144



#	ARTICLE	IF	CITATIONS
553	Neurofeedback training improves attention and working memory performance. <i>Clinical Neurophysiology</i> , 2013, 124, 2406-2420.	1.5	157
554	Structural foundations of resting-state and task-based functional connectivity in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6169-6174.	7.1	492
555	Aging-related cortical reorganization of verbal fluency processing: a functional near-infrared spectroscopy study. <i>Neurobiology of Aging</i> , 2013, 34, 439-450.	3.1	77
556	Asymmetry in stimulus and response conflict processing across the adult lifespan: ERP and EMG evidence. <i>Cortex</i> , 2013, 49, 2888-2903.	2.4	24
557	Using joint ICA to link function and structure using MEG and DTI in schizophrenia. <i>NeuroImage</i> , 2013, 83, 418-430.	4.2	47
558	Using Neuroimaging to Inform Clinical Practice for the Diagnosis and Treatment of Mild Cognitive Impairment. <i>Clinics in Geriatric Medicine</i> , 2013, 29, 829-845.	2.6	7
559	Dysfunctional and compensatory duality in mild cognitive impairment during a continuous recognition memory task. <i>International Journal of Psychophysiology</i> , 2013, 87, 95-102.	1.0	17
560	Diminished joint coordination with aging leads to more variable hand paths. <i>Human Movement Science</i> , 2013, 32, 768-784.	1.4	17
561	Age dependence of hemodynamic response characteristics in human functional magnetic resonance imaging. <i>Neurobiology of Aging</i> , 2013, 34, 1469-1485.	3.1	96
562	Lateral temporal hyper-activation as a novel biomarker of mild cognitive impairment. <i>Neuropsychologia</i> , 2013, 51, 2281-2293.	1.6	15
563	Compensatory networks to counteract the effects of ageing on language. <i>Behavioural Brain Research</i> , 2013, 249, 22-27.	2.2	21
564	Resting-state functional connectivity in normal brain aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 384-400.	6.1	498
565	Association between prefrontal activity and volume change in prefrontal and medial temporal lobes in aging and dementia: A review. <i>Ageing Research Reviews</i> , 2013, 12, 479-489.	10.9	117
566	Lateralized processing of false memories and pseudoneglect in aging. <i>Cortex</i> , 2013, 49, 1314-1324.	2.4	13
567	Age-related changes in the somatosensory processing of tactile stimulation—An fMRI study. <i>Behavioural Brain Research</i> , 2013, 238, 259-264.	2.2	60
568	Superficial White Matter: Effects of Age, Sex, and Hemisphere. <i>Brain Connectivity</i> , 2013, 3, 146-159.	1.7	69
569	Motor Inhibition in Aging: Impacts of Response Type and Auditory Stimulus. <i>Journal of Motor Behavior</i> , 2013, 45, 343-350.	0.9	8
570	Distinct laterality alterations distinguish mild cognitive impairment and Alzheimer's disease from healthy aging: Statistical parametric mapping with high resolution MRI. <i>Human Brain Mapping</i> , 2013, 34, 3400-3410.	3.6	65



#	ARTICLE	IF	CITATIONS
571	Age-Related Differences in Prefrontal Cortex Activity during Retrieval Monitoring: Testing the Compensation and Dysfunction Accounts. <i>Cerebral Cortex</i> , 2013, 23, 1049-1060.	2.9	64
572	Semantic Memory Functional MRI and Cognitive Function after Exercise Intervention in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2013, 37, 197-215.	2.6	121
573	Neural Mechanisms of Age-Related Slowing: The $\hat{ACBF}/\hat{ACMRO2}$ Ratio Mediates Age-Differences in BOLD Signal and Human Performance. <i>Cerebral Cortex</i> , 2013, 23, 2337-2346.	2.9	60
574	The impact of age and motivation on cognitive effort: Implications for cognitive engagement in older adulthood.. <i>Psychology and Aging</i> , 2013, 28, 495-504.	1.6	92
575	Working Memory Training in Old Age: An Examination of Transfer and Maintenance Effects. <i>Archives of Clinical Neuropsychology</i> , 2013, 28, 331-347.	0.5	82
576	Comparison of Semantic and Episodic Memory BOLD fMRI Activation in Predicting Cognitive Decline in Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 11-21.	1.8	21
577	Age-Related Sparing of Parafoveal Lexical Processing. <i>Experimental Aging Research</i> , 2013, 39, 419-444.	1.2	7
578	Early and Late Shift of Brain Laterality in STG, HG, and Cerebellum with Normal Aging during a Short-Term Memory Task. <i>ISRN Neurology</i> , 2013, 2013, 1-13.	1.5	2
579	Functional Language Networks in Sedentary and Physically Active Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 625-634.	1.8	23
580	Differential involvement of knowledge representation and executive control in episodic memory performance in young and older adults.. <i>Canadian Journal of Experimental Psychology</i> , 2013, 67, 100-107.	0.8	25
581	Age-Related Differences According to the Associative Deficit and the Environmental Support Hypotheses: An Application of the Formal Charm Associative Memory Model. <i>Experimental Aging Research</i> , 2013, 39, 275-304.	1.2	1
582	Performance of younger and older adults in lateralised right and left hemisphere asymmetry tasks supports the HAROLD model. <i>Laterality</i> , 2013, 18, 491-512.	1.0	21
583	Visual search and the aging brain: Discerning the effects of age-related brain volume shrinkage on alertness, feature binding, and attentional control.. <i>Neuropsychology</i> , 2013, 27, 48-59.	1.3	41
584	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.. <i>Neuropsychology</i> , 2013, 27, 464-480.	1.3	10
585	The Increase of the Functional Entropy of the Human Brain with Age. <i>Scientific Reports</i> , 2013, 3, 2853.	3.3	72
586	Characterizing the Developmental Profile of Effort-Induced Motor Overflow Across a Timed Trial. <i>American Journal of Psychology</i> , 2013, 126, 227-234.	0.3	3
587	Cognitive Training Improves Sleep Quality and Cognitive Function among Older Adults with Insomnia. <i>PLoS ONE</i> , 2013, 8, e61390.	2.5	78
588	The Relationship between P3 Amplitude and Working Memory Performance Differs in Young and Older Adults. <i>PLoS ONE</i> , 2013, 8, e63701.	2.5	77

#	ARTICLE	IF	CITATIONS
589	Action Prediction in Younger versus Older Adults: Neural Correlates of Motor Familiarity. PLoS ONE, 2013, 8, e64195.	2.5	37
590	Grey Matter Correlates of Three Language Tests in Non-demented Older Adults. PLoS ONE, 2013, 8, e80215.	2.5	23
591	Age-Related Changes in the Functional Network Underlying Specific and General Autobiographical Memory Retrieval: A Pivotal Role for the Anterior Cingulate Cortex. PLoS ONE, 2013, 8, e82385.	2.5	46
592	Increased Cortical Activity in Binge Drinkers during Working Memory Task: A Preliminary Assessment through a Functional Magnetic Resonance Imaging Study. PLoS ONE, 2013, 8, e62260.	2.5	60
593	Effects of music learning and piano practice on cognitive function, mood and quality of life in older adults. Frontiers in Psychology, 2013, 4, 810.	2.1	157
594	Cholinergic Enhancement of Brain Activation in Mild Cognitive Impairment during Episodic Memory Encoding. Frontiers in Psychiatry, 2013, 4, 105.	2.6	23
595	Age-related vulnerability in the neural systems supporting semantic processing. Frontiers in Aging Neuroscience, 2013, 5, 46.	3.4	21
596	Enhancing verbal episodic memory in older and young subjects after non-invasive brain stimulation. Frontiers in Aging Neuroscience, 2013, 5, 49.	3.4	112
597	EEG upper/low alpha frequency power ratio relates to temporo-parietal brain atrophy and memory performances in mild cognitive impairment. Frontiers in Aging Neuroscience, 2013, 5, 63.	3.4	44
598	Effects of Aerobic Fitness on Aging-Related Changes of Interhemispheric Inhibition and Motor Performance. Frontiers in Aging Neuroscience, 2013, 5, 66.	3.4	46
599	Overall reductions in functional brain activation are associated with falls in older adults: an fMRI study. Frontiers in Aging Neuroscience, 2013, 5, 91.	3.4	12
600	The Cognitive Aging of Episodic Memory: A View Based on the Event-Related Brain Potential. Frontiers in Behavioral Neuroscience, 2013, 7, 111.	2.0	58
601	Exploring the effects of ecological activities during exposure to optical prisms in healthy individuals. Frontiers in Human Neuroscience, 2013, 7, 29.	2.0	16
602	Cognitive Intraindividual Variability and White Matter Integrity in Aging. Scientific World Journal, The, 2013, 2013, 1-16.	2.1	26
603	Applying the Bispectral Analysis on Widespread Diffuse Cross-Frequency Interactive Effects. Journal of Medical Engineering, 2013, 2013, 1-4.	1.1	0
604	Effects of Healthy Ageing on Activation Pattern within the Primary Motor Cortex during Movement and Motor Imagery: An fMRI Study. PLoS ONE, 2014, 9, e88443.	2.5	19
605	Neural Correlates Associated with Successful Working Memory Performance in Older Adults as Revealed by Spatial ICA. PLoS ONE, 2014, 9, e99250.	2.5	13
606	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.	2.5	16

#	ARTICLE	IF	CITATIONS
607	The Pattern and Loci of Training-Induced Brain Changes in Healthy Older Adults Are Predicted by the Nature of the Intervention. PLoS ONE, 2014, 9, e102710.	2.5	63
608	Language Development across the Life Span: A Neuropsychological/Neuroimaging Perspective. Neuroscience Journal, 2014, 2014, 1-21.	2.5	55
609	Structure-Function Relationships behind the Phenomenon of Cognitive Resilience in Neurology: Insights for Neuroscience and Medicine. Advances in Neuroscience (Hindawi), 2014, 2014, 1-28.	3.1	66
610	Reactive control processes contributing to residual switch cost and mixing cost across the adult lifespan. Frontiers in Psychology, 2014, 5, 383.	2.1	27
611	The impact of age on load-related dorsolateral prefrontal cortex activation. Frontiers in Aging Neuroscience, 2014, 6, 9.	3.4	36
612	Neuroimaging explanations of age-related differences in task performance. Frontiers in Aging Neuroscience, 2014, 6, 46.	3.4	21
613	Motor Asymmetry Attenuation in Older Adults during Imagined Arm Movements. Frontiers in Aging Neuroscience, 2014, 6, 49.	3.4	12
614	Ageing differentially affects neural processing of different conflict types—An fMRI study. Frontiers in Aging Neuroscience, 2014, 6, 57.	3.4	20
615	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.	3.4	15
616	Age-related changes to the neural correlates of working memory which emerge after midlife. Frontiers in Aging Neuroscience, 2014, 6, 70.	3.4	15
617	A rightward shift in the visuospatial attention vector with healthy aging. Frontiers in Aging Neuroscience, 2014, 6, 113.	3.4	56
618	Mindfulness and the aging brain: a proposed paradigm shift. Frontiers in Aging Neuroscience, 2014, 6, 120.	3.4	32
619	The timing of cognitive plasticity in physiological aging: a tDCS study of naming. Frontiers in Aging Neuroscience, 2014, 6, 131.	3.4	76
620	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.	3.4	94
621	Studying variability in human brain aging in a population-based German cohort—rationale and design of 1000BRAINS. Frontiers in Aging Neuroscience, 2014, 6, 149.	3.4	97
622	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.	3.4	52
623	An exploratory study of the effects of spatial working-memory load on prefrontal activation in low- and high-performing elderly. Frontiers in Aging Neuroscience, 2014, 6, 303.	3.4	31
624	Less Effort, Better Results: How Does Music Act on Prefrontal Cortex in Older Adults during Verbal Encoding? An fNIRS Study. Frontiers in Human Neuroscience, 2014, 8, 301.	2.0	49

#	ARTICLE	IF	CITATIONS
625	Abnormal Asymmetry of Brain Connectivity in Schizophrenia. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 1010.	2.0	126
626	Missing data estimation in fMRI dynamic causal modeling. <i>Frontiers in Neuroscience</i> , 2014, 8, 191.	2.8	6
627	Not all brains are created equal: the relevance of individual differences in responsiveness to transcranial electrical stimulation. <i>Frontiers in Systems Neuroscience</i> , 2014, 8, 25.	2.5	272
628	Pattern of cerebral hyperperfusion in Alzheimer's disease and amnesic mild cognitive impairment using voxel-based analysis of 3D arterial spin-labeling imaging: initial experience. <i>Clinical Interventions in Aging</i> , 2014, 9, 493.	2.9	64
629	Aging and risk taking: toward an integration of cognitive, emotional, and neurobiological perspectives. <i>Neuroscience and Neuroeconomics</i> , 0, , 47.	0.9	5
630	Verbal and visuospatial executive functions in healthy elderly: The impact of education and frequency of reading and writing. <i>Dementia E Neuropsychologia</i> , 2014, 8, 155-161.	0.8	12
631	Conceptual and Data-based Investigation of Genetic Influences and Brain Asymmetry: A Twin Study of Multiple Structural Phenotypes. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 1100-1117.	2.3	50
632	Age-related Differences in the Neural Bases of Phonological and Semantic Processes. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2798-2811.	2.3	32
633	Cognitive Diversity in Middle-Aged and Elderly Adults: The Role of Education. <i>Educational Gerontology</i> , 2014, 40, 40-52.	1.3	1
634	Remoteness Modulates the Effects of Emotional Valence on the Neural Network of Autobiographical Memory in Older Females. <i>International Journal of Aging and Human Development</i> , 2014, 79, 23-54.	1.6	5
635	Individual and Societal Wisdom: Explaining the Paradox of Human Aging and High Well-Being. <i>Psychiatry (New York)</i> , 2014, , 1-14.	0.7	2
636	The Aging Brain. , 2014, , .		5
637	The Brain Ages Optimally to Model Its Environment: Evidence from Sensory Learning over the Adult Lifespan. <i>PLoS Computational Biology</i> , 2014, 10, e1003422.	3.2	96
638	Characterizing Recovery of the Human Brain following Stroke. , 2014, , 485-506.		2
639	Neuroplasticity in Aging. <i>Topics in Geriatric Rehabilitation</i> , 2014, 30, 15-17.	0.4	4
640	Negative Neuroplasticity in Chronic Traumatic Brain Injury and Implications for Neurorehabilitation. <i>Neuropsychology Review</i> , 2014, 24, 409-27.	4.9	40
641	Brain Stimulation and its Role in Neurological Diseases. , 2014, , 333-369.		3
642	Flexible connectivity in the aging brain revealed by task modulations. <i>Human Brain Mapping</i> , 2014, 35, 3788-3804.	3.6	30

#	ARTICLE	IF	CITATIONS
643	Same task, different strategies: How brain networks can be influenced by memory strategy. Human Brain Mapping, 2014, 35, 5127-5140.	3.6	27
644	Structural covariance of superficial white matter in mild Alzheimer's disease compared to normal aging. Brain and Behavior, 2014, 4, 721-737.	2.2	25
645	Unilateral disruptions in the default network with aging in native space. Brain and Behavior, 2014, 4, 143-157.	2.2	37
646	Age-related differences in auditory evoked potentials as a function of task modulation during speech-nonspeech processing. Brain and Behavior, 2014, 4, 21-28.	2.2	33
647	Timing is everything: Age differences in the cognitive control network are modulated by time of day.. Psychology and Aging, 2014, 29, 648-657.	1.6	72
648	Assessment of adult age differences in task engagement: The utility of systolic blood pressure. Motivation and Emotion, 2014, 38, 844-854.	1.3	19
649	Individual and Societal Wisdom: Explaining the Paradox of Human Aging and High Well-Being. Psychiatry (New York), 2014, 77, 317-330.	0.7	36
650	Does the greater involvement of executive control in memory with age act as a compensatory mechanism?. Canadian Journal of Experimental Psychology, 2014, 68, 59-66.	0.8	37
651	Brain Functional Correlates of Working Memory: Reduced Load-Modulated Activation and Deactivation in Aging without Hyperactivation or Functional Reorganization. Journal of the International Neuropsychological Society, 2014, 20, 945-950.	1.8	11
652	An Exploration of the Effect of Hemodynamic Changes Due to Normal Aging on the fNIRS Response to Semantic Processing of Words. Frontiers in Neurology, 2014, 5, 249.	2.4	18
653	Attempted and Successful Compensation in Preclinical and Early Manifest Neurodegeneration – A Review of Task fMRI Studies. Frontiers in Psychiatry, 2014, 5, 132.	2.6	61
654	Contralesional Arm Preference Depends on Hemisphere of Damage and Target Location in Unilateral Stroke Patients. Neurorehabilitation and Neural Repair, 2014, 28, 584-593.	2.9	18
655	Conduction Aphasia with Intact Visual Object Naming. Cognitive and Behavioral Neurology, 2014, 27, 96-101.	0.9	8
656	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.	1.6	51
657	The neural correlates of age effects on verbal-spatial binding in working memory. Behavioural Brain Research, 2014, 266, 146-152.	2.2	4
658	The effect of aging on EEG brain oscillations related to sensory and sensorimotor functions. Advances in Medical Sciences, 2014, 59, 61-67.	2.1	23
659	Cognitive effects of repetitive transcranial magnetic stimulation in patients with neurodegenerative diseases – Clinician's perspective. Journal of the Neurological Sciences, 2014, 339, 15-25.	0.6	43
660	Correspondence of executive function related functional and anatomical alterations in aging brain. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 48, 41-50.	4.8	55

#	ARTICLE	IF	CITATIONS
661	Neurovascular coupling in normal aging: A combined optical, ERP and fMRI study. <i>NeuroImage</i> , 2014, 85, 592-607.	4.2	178
662	Activation shift in elderly subjects across functional systems: an fMRI study. <i>Brain Structure and Function</i> , 2014, 219, 707-718.	2.3	20
663	Representational Pseudoneglect: A Review. <i>Neuropsychology Review</i> , 2014, 24, 148-165.	4.9	64
664	The perception of positive and negative facial expressions by unilateral stroke patients. <i>Brain and Cognition</i> , 2014, 86, 42-54.	1.8	20
665	Age-related changes in the bimanual advantage and in brain oscillatory activity during tapping movements suggest a decline in processing sensory reafference. <i>Experimental Brain Research</i> , 2014, 232, 469-479.	1.5	10
666	Age-related functional reorganization, structural changes, and preserved cognition. <i>Neurobiology of Aging</i> , 2014, 35, 42-54.	3.1	95
667	A right hemisphere role in cognitive reserve. <i>Neurobiology of Aging</i> , 2014, 35, 1375-1385.	3.1	123
668	White matter hyperintensities are associated with visual search behavior independent of generalized slowing in aging. <i>Neuropsychologia</i> , 2014, 52, 93-101.	1.6	13
669	Gray matter alterations in early aging: A diffusion magnetic resonance imaging study. <i>Human Brain Mapping</i> , 2014, 35, 3841-3856.	3.6	31
670	Greater BOLD response to working memory in endurance-trained adults revealed by breath-hold calibration. <i>Human Brain Mapping</i> , 2014, 35, 2898-2910.	3.6	10
671	Hemispheric lateralization of topological organization in structural brain networks. <i>Human Brain Mapping</i> , 2014, 35, 4944-4957.	3.6	77
672	Taking the pulse of aging: Mapping pulse pressure and elasticity in cerebral arteries with optical methods. <i>Psychophysiology</i> , 2014, 51, 1072-1088.	2.4	63
673	Language in the aging brain: The network dynamics of cognitive decline and preservation. <i>Science</i> , 2014, 346, 583-587.	12.6	217
674	Age-related decline in differentiated neural responses to rare target versus frequent standard stimuli. <i>Brain Research</i> , 2014, 1587, 97-111.	2.2	17
675	Case Series of Sexual Assault in Older Persons. <i>Clinics in Geriatric Medicine</i> , 2014, 30, 779-806.	2.6	14
676	Age-related Differences in Short- and Long-interval Intracortical Inhibition in a Human Hand Muscle. <i>Brain Stimulation</i> , 2014, 7, 665-672.	1.6	51
677	The boundary condition for observing compensatory responses by the elderly in a flanker-task paradigm. <i>Biological Psychology</i> , 2014, 103, 69-82.	2.2	18
678	The integrity of the cholinergic system determines memory performance in healthy elderly. <i>NeuroImage</i> , 2014, 100, 481-488.	4.2	30

#	ARTICLE	IF	CITATIONS
679	Age-related differences in brain activity in the subsequent memory paradigm: A meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 45, 246-257.	6.1	125
680	Disrupting the Ipsilateral Motor Cortex Interferes with Training of a Complex Motor Task in Older Adults. <i>Cerebral Cortex</i> , 2014, 24, 1030-1036.	2.9	37
681	How Does it STAC Up? Revisiting the Scaffolding Theory of Aging and Cognition. <i>Neuropsychology Review</i> , 2014, 24, 355-370.	4.9	643
682	The processing of lexical ambiguity in healthy ageing and Parkinson's disease: Role of cortico-subcortical networks. <i>Brain Research</i> , 2014, 1581, 51-63.	2.2	12
684	Moving forward: Age effects on the cerebellum underlie cognitive and motor declines. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 42, 193-207.	6.1	162
685	Aging is associated with changes in the neural circuits underlying empathy. <i>Neurobiology of Aging</i> , 2014, 35, 827-836.	3.1	75
686	Les modifications du fonctionnement exécutif dans le vieillissement normal. <i>Psychologie Française</i> , 2014, 59, 41-58.	0.4	19
687	Age-related changes in prefrontal activity during walking in dual-task situations: A fNIRS study. <i>International Journal of Psychophysiology</i> , 2014, 92, 122-128.	1.0	142
688	Asymmetric Perception of Sparse Shelves in Retail Displays. <i>Journal of Retailing</i> , 2014, 90, 321-331.	6.2	8
689	Age-related differences in effective connectivity of brain regions involved in Japanese kanji processing with homophone judgment task. <i>Brain and Language</i> , 2014, 135, 32-41.	1.6	6
690	Age-related behavioural and neurofunctional patterns of second language word learning: Different ways of being successful. <i>Brain and Language</i> , 2014, 135, 9-19.	1.6	51
691	Age-related changes in EEG coherence. <i>Neurologia I Neurochirurgia Polska</i> , 2014, 48, 35-38.	1.2	57
692	Electroencephalography reveals lower regional blood perfusion and atrophy of the temporoparietal network associated with memory deficits and hippocampal volume reduction in mild cognitive impairment due to Alzheimer's disease. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 461.	2.2	10
693	Association of EEG, MRI, and regional blood flow biomarkers is predictive of prodromal Alzheimer's disease. <i>Neuropsychiatric Disease and Treatment</i> , 2015, 11, 2779.	2.2	13
694	Switching between hands in a serial reaction time task: a comparison between young and old adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 176.	3.4	13
695	Brain activation during visual working memory correlates with behavioral mobility performance in older adults. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 186.	3.4	13
696	Age-Specific Effects of Mirror-Muscle Activity on Cross-Limb Adaptations Under Mirror and Non-Mirror Visual Feedback Conditions. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 222.	3.4	8
697	Age-Related Inter-Region EEG Coupling Changes During the Control of Bottom-Up and Top-Down Attention. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 223.	3.4	11



#	ARTICLE	IF	CITATIONS
698	Age-Related Changes in Inter-Network Connectivity by Component Analysis. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 237.	3.4	18
699	Episodic memory and self-reference via semantic autobiographical memory: insights from an fMRI study in younger and older adults. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 449.	2.0	34
700	Mild Cognitive Impairment: Structural, Metabolical, and Neurophysiological Evidence of a Novel EEG Biomarker. <i>Frontiers in Neurology</i> , 2015, 6, 152.	2.4	10
701	The implications of age-related neurofunctional compensatory mechanisms in executive function and language processing including the new Temporal Hypothesis for Compensation. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 221.	2.0	34
702	The relevance of aging-related changes in brain function to rehabilitation in aging-related disease. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 307.	2.0	15
703	The effects of cardiorespiratory fitness and acute aerobic exercise on executive functioning and EEG entropy in adolescents. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 538.	2.0	31
704	White Matter Hyperintensities among Older Adults Are Associated with Futile Increase in Frontal Activation and Functional Connectivity during Spatial Search. <i>PLoS ONE</i> , 2015, 10, e0122445.	2.5	28
705	The “Goldilocks Zone™”: Getting the Measure of Manual Asymmetries. <i>PLoS ONE</i> , 2015, 10, e0128322.	2.5	6
706	Handedness throughout the lifespan: cross-sectional view on sex differences as asymmetries change. <i>Frontiers in Psychology</i> , 2014, 5, 1556.	2.1	26
707	Age and practice effects on inter-manual performance asymmetry. <i>Frontiers in Psychology</i> , 2014, 5, 1585.	2.1	3
708	Reorganization of brain networks in aging: a review of functional connectivity studies. <i>Frontiers in Psychology</i> , 2015, 6, 663.	2.1	396
709	Aging and the optimal viewing position effect in Chinese. <i>Frontiers in Psychology</i> , 2015, 6, 1656.	2.1	4
710	Mind-Reading Ability and Structural Connectivity Changes in Aging. <i>Frontiers in Psychology</i> , 2015, 6, 1808.	2.1	39
711	Neural Plastic Effects of Cognitive Training on Aging Brain. <i>Neural Plasticity</i> , 2015, 2015, 1-9.	2.2	47
712	<i>Bacopa monnieri</i> as an Antioxidant Therapy to Reduce Oxidative Stress in the Aging Brain. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	1.2	54
713	Working Memory and Executive Function Decline across Normal Aging, Mild Cognitive Impairment, and Alzheimer’s Disease. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	383
714	Trying to Put the Puzzle Together: Age and Performance Level Modulate the Neural Response to Increasing Task Load within Left Rostral Prefrontal Cortex. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	14
715	Combined Cognitive-Psychological-Physical Intervention Induces Reorganization of Intrinsic Functional Brain Architecture in Older Adults. <i>Neural Plasticity</i> , 2015, 2015, 1-11.	2.2	47



#	ARTICLE	IF	CITATIONS
716	Lateralized differences in tympanic membrane temperature, but not induced mood, are related to episodic memory. <i>Brain and Cognition</i> , 2015, 94, 52-59.	1.8	2
717	Cortical Activity Predicts Which Older Adults Recognize Speech in Noise and When. <i>Journal of Neuroscience</i> , 2015, 35, 3929-3937.	3.6	86
718	Motor Asymmetry in Elite Fencers. <i>Journal of Motor Behavior</i> , 2015, 47, 302-311.	0.9	22
719	COBRA: A prospective multimodal imaging study of dopamine, brain structure and function, and cognition. <i>Brain Research</i> , 2015, 1612, 83-103.	2.2	67
720	Understanding early dementia: EEG, MRI, SPECT and memory evaluation. <i>Translational Neuroscience</i> , 2015, 6, 32-46.	1.4	7
721	Cognitive Neurosciences and Strategic Management: Challenges and Opportunities in Tying the Knot. <i>Advances in Strategic Management</i> , 2015, , 351-370.	0.1	10
722	The impact of executive capacity and age on mechanisms underlying multidimensional feature selection. <i>Neuropsychologia</i> , 2015, 70, 30-42.	1.6	1
723	Interference Control In Elderly Bilinguals: Appearances Can Be Misleading. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2015, 37, 455-470.	1.3	67
724	Beyond BOLD: Optimizing functional imaging in stroke populations. <i>Human Brain Mapping</i> , 2015, 36, 1620-1636.	3.6	61
725	Amyloid- $\beta^2$ deposition in mild cognitive impairment is associated with increased hippocampal activity, atrophy and clinical progression. <i>Brain</i> , 2015, 138, 1023-1035.	7.6	207
726	Visual-Somatosensory Integration is Linked to Physical Activity Level in Older Adults. <i>Multisensory Research</i> , 2015, 28, 11-29.	1.1	27
727	The Effects of Sleep Deprivation on Brain Functioning in Older Adults. <i>Behavioral Sleep Medicine</i> , 2015, 13, 324-345.	2.1	30
728	Reduced Frontal Cortex Efficiency is Associated with Lower White Matter Integrity in Aging. <i>Cerebral Cortex</i> , 2015, 25, 138-146.	2.9	59
729	Age differences in the neural correlates of novelty processing: The effects of item-relatedness. <i>Brain Research</i> , 2015, 1612, 2-15.	2.2	32
730	Greater Intermanual Transfer in the Elderly Suggests Age-Related Bilateral Motor Cortex Activation Is Compensatory. <i>Journal of Motor Behavior</i> , 2015, 47, 47-55.	0.9	21
731	Processing of bilateral versus unilateral conditions: Evidence for the functional contribution of the ventral attention network. <i>Cortex</i> , 2015, 66, 91-102.	2.4	17
732	Online fronto-cortical control of simple and attention-demanding locomotion in humans. <i>NeuroImage</i> , 2015, 112, 152-159.	4.2	160
733	Normal Aging of the Brain. , 2015, , 603-617.		25

#	ARTICLE	IF	CITATIONS
734	Preserved motor asymmetry in late adulthood: Is measuring chronological age enough?. Neuroscience, 2015, 294, 51-59.	2.3	26
735	Arm dominance affects feedforward strategy more than feedback sensitivity during a postural task. Experimental Brain Research, 2015, 233, 2001-2011.	1.5	20
736	Decision making in the ageing brain: changes in affective and motivational circuits. Nature Reviews Neuroscience, 2015, 16, 278-289.	10.2	234
737	Lateralization patterns of covert but not overt movements change with age: An EEG neurofeedback study. NeuroImage, 2015, 116, 80-91.	4.2	29
738	Intermittent theta burst stimulation over left BA10 enhances virtual reality-based prospective memory in healthy aged subjects. Neurobiology of Aging, 2015, 36, 2360-2369.	3.1	35
739	Dysfunctional Activation of the Cerebellum in Schizophrenia. Clinical Psychological Science, 2015, 3, 545-566.	4.0	84
740	Neural correlates of positive and negative performance feedback in younger and older adults. Behavioral and Brain Functions, 2015, 11, 17.	3.3	15
741	Less Wiring, More Firing: Low-Performing Older Adults Compensate for Impaired White Matter with Greater Neural Activity. Cerebral Cortex, 2015, 25, 983-990.	2.9	120
742	Longitudinal alterations to brain function, structure, and cognitive performance in healthy older adults: A fMRI-DTI study. Neuropsychologia, 2015, 71, 225-235.	1.6	45
743	Modulating activity in the prefrontal cortex changes decision-making for risky gains and losses: A transcranial direct current stimulation study. Behavioural Brain Research, 2015, 286, 17-21.	2.2	38
744	Hearing, Cognition, and Healthy Aging: Social and Public Health Implications of the Links between Age-Related Declines in Hearing and Cognition. Seminars in Hearing, 2015, 36, 122-139.	1.2	78
745	Behavioral Laterality and Aging: The Free-Recall Dichotic-Listening Right-Ear Advantage Increases With Age. Developmental Neuropsychology, 2015, 40, 313-327.	1.4	29
746	Neural changes associated with semantic processing in healthy aging despite intact behavioral performance. Brain and Language, 2015, 149, 118-127.	1.6	33
747	The effect of age on cognitive performance of frontal patients. Neuropsychologia, 2015, 75, 233-241.	1.6	25
748	Normal Aging of the Attentional Control Functions That Underlie Working Memory. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2015, 70, 698-708.	3.9	33
749	Episodic memory in normal aging and Alzheimer disease: Insights from imaging and behavioral studies. Ageing Research Reviews, 2015, 24, 232-262.	10.9	255
750	Prefrontal Engagement and Reduced Default Network Suppression Co-occur and Are Dynamically Coupled in Older Adults: The Default-Executive Coupling Hypothesis of Aging. Journal of Cognitive Neuroscience, 2015, 27, 2462-2476.	2.3	141
751	The implications of state-dependent tDCS effects in aging: Behavioural response is determined by baseline performance. Neuropsychologia, 2015, 74, 108-119.	1.6	105

#	ARTICLE	IF	CITATIONS
752	Associations between cognitively stimulating leisure activities, cognitive function and age-related cognitive decline. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 422-430.	2.7	64
753	The Resting Brain of Alcoholics. <i>Cerebral Cortex</i> , 2015, 25, 4155-4168.	2.9	133
754	Age trajectories of functional activation under conditions of low and high processing demands: An adult lifespan fMRI study of the aging brain. <i>NeuroImage</i> , 2015, 104, 21-34.	4.2	97
755	Aging and response conflict solution: behavioural and functional connectivity changes. <i>Brain Structure and Function</i> , 2015, 220, 1739-1757.	2.3	27
756	Effects of Aging on Working Memory Performance and Prefrontal Cortex Activity: A Time-Resolved Spectroscopy Study. <i>Translational Neuroscience and Clinics</i> , 2016, 2, 3-7.	0.1	0
757	Lateral differences in Ki-67 in breast cancer. <i>Molecular and Clinical Oncology</i> , 2016, 4, 1041-1044.	1.0	0
758	Accelerated Aging in Heroin Abusers. , 2016, , 1012-1022.		0
759	Electroencephalography-driven approach to prodromal Alzheimer's disease diagnosis: from biomarker integration to network-level comprehension. <i>Clinical Interventions in Aging</i> , 2016, Volume 11, 897-912.	2.9	13
761	The Aging Mind in Transition. , 2016, , 87-103.		3
762	Age-Related Effects on Future Mental Time Travel. <i>Neural Plasticity</i> , 2016, 2016, 1-8.	2.2	19
763	An fMRI Study of Concreteness Effects during Spoken Word Recognition in Aging. Preservation or Attenuation?. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 240.	3.4	13
764	Effect of Aging on ERP Components of Cognitive Control. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 69.	3.4	71
765	Small Changes, But Huge Impact? The Right Anterior Insula's Loss of Connection Strength during the Transition of Old to Very Old Age. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 86.	3.4	17
766	Age-Related Changes in BOLD Activation Pattern in Phonemic Fluency Paradigm: An Investigation of Activation, Functional Connectivity and Psychophysiological Interactions. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 110.	3.4	15
767	Aging Affects Neural Synchronization to Speech-Related Acoustic Modulations. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 133.	3.4	80
768	Progressive Bidirectional Age-Related Changes in Default Mode Network Effective Connectivity across Six Decades. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 137.	3.4	6
769	Cognitive Decline and Reorganization of Functional Connectivity in Healthy Aging: The Pivotal Role of the Salience Network in the Prediction of Age and Cognitive Performances. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 204.	3.4	66
770	An Activation Likelihood Estimation Meta-Analysis Study of Simple Motor Movements in Older and Young Adults. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 238.	3.4	12

#	ARTICLE	IF	CITATIONS
771	Real-Time fMRI in Neuroscience Research and Its Use in Studying the Aging Brain. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 239.	3.4	18
772	Adaptations of Prefrontal Brain Activity, Executive Functions, and Gait in Healthy Elderly Following Exergame and Balance Training: A Randomized-Controlled Study. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 278.	3.4	103
773	Gender Specific Re-organization of Resting-State Networks in Older Age. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 285.	3.4	37
774	Nutritional Cognitive Neuroscience: Innovations for Healthy Brain Aging. <i>Frontiers in Neuroscience</i> , 2016, 10, 240.	2.8	55
775	Aging modulates the oscillatory dynamics underlying successful working memory encoding and maintenance. <i>Human Brain Mapping</i> , 2016, 37, 2348-2361.	3.6	65
776	Functional reorganization of language networks for semantics and syntax in chronic stroke: Evidence from MEG. <i>Human Brain Mapping</i> , 2016, 37, 2869-2893.	3.6	31
777	Insula and Inferior Frontal Gyrus Activities Protect Memory Performance Against Alzheimer's Disease Pathology in Old Age. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 669-678.	2.6	69
778	Individual differences in reasoning and visuospatial attention are associated with prefrontal and parietal white matter tracts in healthy older adults.. <i>Neuropsychology</i> , 2016, 30, 558-567.	1.3	10
779	Brain activation in frontotemporal and Alzheimer's dementia: a functional near-infrared spectroscopy study. <i>Alzheimer's Research and Therapy</i> , 2016, 8, 56.	6.2	38
780	Autobiographical memory conjunction errors in younger and older adults: Evidence for a role of inhibitory ability.. <i>Psychology and Aging</i> , 2016, 31, 927-942.	1.6	12
781	When I am (almost) 64: The effect of normal ageing on implicit motor imagery in young elderlies. <i>Behavioural Brain Research</i> , 2016, 303, 137-151.	2.2	35
782	Neural correlates of training and transfer effects in working memory in older adults. <i>NeuroImage</i> , 2016, 134, 236-249.	4.2	88
783	Life-long music practice and executive control in older adults: An event-related potential study. <i>Brain Research</i> , 2016, 1642, 146-153.	2.2	64
784	What does EEG tell us about arithmetic strategies? A review. <i>International Journal of Psychophysiology</i> , 2016, 106, 115-126.	1.0	52
785	Reorganization of Functional Networks in Verbal Working Memory Circuitry in Early Midlife: The Impact of Sex and Menopausal Status. <i>Cerebral Cortex</i> , 2017, 27, bhw127.	2.9	49
786	The origins of age of acquisition and typicality effects: Semantic processing in aphasia and the ageing brain. <i>Neuropsychologia</i> , 2016, 86, 80-92.	1.6	12
787	Can transcranial direct current stimulation counteract age-associated functional impairment?. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 65, 157-172.	6.1	82
788	Adult developmental trajectories of pseudoneglect in the tactile, visual and auditory modalities and the influence of starting position and stimulus length. <i>Brain and Cognition</i> , 2016, 103, 12-22.	1.8	23

#	ARTICLE	IF	CITATIONS
789	The Associative Memory Deficit in Aging Is Related to Reduced Selectivity of Brain Activity during Encoding. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 1331-1344.	2.3	25
790	Elevated stress is associated with prefrontal cortex dysfunction during a verbal memory task in women with HIV. <i>Journal of NeuroVirology</i> , 2016, 22, 840-851.	2.1	17
791	Automatic diagnosis of alcohol use disorder using EEG features. <i>Knowledge-Based Systems</i> , 2016, 105, 48-59.	7.1	42
792	Developmental Changes in Topological Asymmetry Between Hemispheric Brain White Matter Networks from Adolescence to Young Adulthood. <i>Cerebral Cortex</i> , 2017, 27, bhw109.	2.9	41
793	Ageing changes effective connectivity of motor networks during bimanual finger coordination. <i>NeuroImage</i> , 2016, 143, 325-342.	4.2	40
794	The Neural Language Systems That Support Healthy Aging: Integrating Function, Structure, and Behavior. <i>Language and Linguistics Compass</i> , 2016, 10, 314-334.	2.3	33
795	False memories with age: Neural and cognitive underpinnings. <i>Neuropsychologia</i> , 2016, 91, 346-359.	1.6	135
796	Cognitive Slowing in Gulf War Illness Predicts Executive Network Hyperconnectivity: Study in a Population-Representative Sample. <i>NeuroImage: Clinical</i> , 2016, 12, 535-541.	2.7	8
797	The aging brain: Movement speed and spatial control. <i>Brain and Cognition</i> , 2016, 109, 105-111.	1.8	22
798	Neurocognitive Effects of tDCS in the Healthy Brain. , 2016, , 103-141.		2
799	Dominant hemisphere functional networks compensate for structural connectivity loss to preserve phonological retrieval with aging. <i>Brain and Behavior</i> , 2016, 6, e00495.	2.2	12
800	Functional brain and age-related changes associated with congruency in task switching. <i>Neuropsychologia</i> , 2016, 91, 211-221.	1.6	18
801	Illusory conjunctions in visual short-term memory: Individual differences in corpus callosum connectivity and splitting attention between the two hemifields. <i>Psychophysiology</i> , 2016, 53, 1639-1650.	2.4	6
802	Age-Related Increases in Tip-of-the-tongue are Distinct from Decreases in Remembering Names: A Functional MRI Study. <i>Cerebral Cortex</i> , 2017, 27, 4339-4349.	2.9	14
803	Age-related changes in post-movement beta synchronization during a selective inhibition task. <i>Experimental Brain Research</i> , 2016, 234, 3543-3553.	1.5	5
804	Orienting of visual attention in aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 69, 357-380.	6.1	53
805	The impact of attentional training on event-related potentials in older adults. <i>Neurobiology of Aging</i> , 2016, 47, 10-22.	3.1	20
806	Physical Activity Is Associated With Greater Visuospatial Cognitive Functioning Regardless of the Level of Cognitive Load in Elderly Adults. <i>Journal of Sport and Exercise Psychology</i> , 2016, 38, 69-81.	1.2	13

#	ARTICLE	IF	CITATIONS
807	Executive Functions and Neurocognitive Aging. , 2016, , 245-262.		39
808	Dynamic Patterns of Brain Structureâ€Behavior Correlation Across the Lifespan. Cerebral Cortex, 2017, 27, 3586-3599.	2.9	13
809	Transcranial stimulation over the left inferior frontal gyrus increases false alarms in an associative memory task in older adults. Healthy Aging Research, 2016, 5, 1-6.	0.3	11
810	Reduced temporal processing in older, normal-hearing listeners evident from electrophysiological responses to shifts in interaural time difference. Journal of Neurophysiology, 2016, 116, 2720-2729.	1.8	29
811	Parallel processing of cognitive and physical demands in left and right prefrontal cortices during smartphone use while walking. BMC Neuroscience, 2016, 17, 9.	1.9	39
813	Neuropsychology of aging, past, present and future: Contributions of Morris Moscovitch. Neuropsychologia, 2016, 90, 117-124.	1.6	6
814	Executive functioning and lateralized semantic priming in older adults. Cogent Psychology, 2016, 3, 1182687.	1.3	5
815	Cognitive training can reduce the rate of cognitive aging: a neuroimaging cohort study. BMC Geriatrics, 2016, 16, 12.	2.7	40
816	The Role of Medial Temporal Lobe Regions in Incidental and Intentional Retrieval of Item and Relational Information in Aging. Hippocampus, 2016, 26, 693-699.	1.9	21
817	Perceptual bias, more than age, impacts on eye movements during face processing. Acta Psychologica, 2016, 164, 127-135.	1.5	7
818	Functional Brain Activation Associated with Inhibitory Control Deficits in Older Adults. Cerebral Cortex, 2016, 26, 12-22.	2.9	89
819	Functional neuroimaging of normal aging: Declining brain, adapting brain. Ageing Research Reviews, 2016, 30, 61-72.	10.9	40
820	Age-related deficits in voluntary control over saccadic eye movements: consideration of electrical brain stimulation as a therapeutic strategy. Neurobiology of Aging, 2016, 41, 53-63.	3.1	19
821	Benefit of interleaved practice of motor skills is associated with changes in functional brain network topology that differ between younger and older adults. Neurobiology of Aging, 2016, 42, 189-198.	3.1	5
822	The relationships between age, associative memory performance, and the neural correlates of successful associative memory encoding. Neurobiology of Aging, 2016, 42, 163-176.	3.1	61
823	Immunity factor contributes to altered brain functional networks in individuals at risk for Alzheimerâ€™s disease: Neuroimaging-genetic evidence. Brain, Behavior, and Immunity, 2016, 56, 84-95.	4.1	5
824	Stability of right visual field advantage in an international lateralized lexical decision task irrespective of participantsâ€™ sex, handedness or bilingualism. Laterality, 2016, 21, 502-524.	1.0	20
825	Older but still fluent? Insights from the intrinsically active baseline configuration of the aging brain using a data driven graph-theoretical approach. NeuroImage, 2016, 127, 346-362.	4.2	19

#	ARTICLE	IF	CITATIONS
826	The Utility of Cerebral Blood Flow as a Biomarker of Preclinical Alzheimer's Disease. Cellular and Molecular Neurobiology, 2016, 36, 167-179.	3.3	172
827	Modulation of the inter-hemispheric processing of semantic information during normal aging. A divided visual field experiment. Neuropsychologia, 2016, 93, 425-436.	1.6	4
828	Gray matter responsiveness to adaptive working memory training: a surface-based morphometry study. Brain Structure and Function, 2016, 221, 4369-4382.	2.3	20
829	Neurological Gait Abnormalities Moderate the Functional Brain Signature of the Posture First Hypothesis. Brain Topography, 2016, 29, 334-343.	1.8	83
830	Reduction of Dual-task Costs by Noninvasive Modulation of Prefrontal Activity in Healthy Elders. Journal of Cognitive Neuroscience, 2016, 28, 275-281.	2.3	76
831	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.	7.3	14
832	Effects of aging on value-directed modulation of semantic network activity during verbal learning. Neurolmage, 2016, 125, 1046-1062.	4.2	56
833	Dopamine and memory dedifferentiation in aging. Neurolmage, 2017, 153, 211-220.	4.2	52
834	Age- and function-related regional changes in cortical folding of the default mode network in older adults. Brain Structure and Function, 2017, 222, 83-99.	2.3	50
835	Prefrontal activation may predict working-memory training gain in normal aging and mild cognitive impairment. Brain Imaging and Behavior, 2017, 11, 141-154.	2.1	95
836	Multi-factorial modulation of hemispheric specialization and plasticity for language in healthy and pathological conditions: A review. Cortex, 2017, 86, 314-339.	2.4	64
837	Theories of Memory and Aging: A Look at the Past and a Glimpse of the Future. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2017, 72, 82-90.	3.9	148
838	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.	7.1	51
839	Changes in the correlation between spatial and temporal source memory performance and BOLD activity across the adult lifespan. Cortex, 2017, 91, 234-249.	2.4	17
840	Another stage of development: Biological degeneracy and the study of bodily ageing. Mechanisms of Ageing and Development, 2017, 163, 46-51.	4.6	4
841	Associations among executive function, cardiorespiratory fitness, and brain network properties in older adults. Scientific Reports, 2017, 7, 40107.	3.3	39
842	That note sounds wrong! Age-related effects in processing of musical expectation. Brain and Cognition, 2017, 113, 1-9.	1.8	11
843	Gamma oscillatory activity is impaired in episodic memory encoding with age. Neurobiology of Aging, 2017, 52, 53-65.	3.1	11



#	ARTICLE	IF	CITATIONS
844	Influence of age and cognitive performance on resting-state brain networks of older adults in a population-based cohort. <i>Cortex</i> , 2017, 89, 28-44.	2.4	53
845	Age differences in the motor control of speech: An fMRI study of healthy aging. <i>Human Brain Mapping</i> , 2017, 38, 2751-2771.	3.6	29
846	Resting-State Network Topology Differentiates Task Signals across the Adult Life Span. <i>Journal of Neuroscience</i> , 2017, 37, 2734-2745.	3.6	72
847	Fluid Intelligence Predicts Novel Rule Implementation in a Distributed Frontoparietal Control Network. <i>Journal of Neuroscience</i> , 2017, 37, 4841-4847.	3.6	42
848	Metastability in Senescence. <i>Trends in Cognitive Sciences</i> , 2017, 21, 509-521.	7.8	60
849	The hemispheric lateralization of sleep spindles in humans. <i>Sleep Spindles &amp; Cortical Up States</i> , 2017, 1, 42-54.	1.5	15
850	Visual integration enhances associative memory equally for young and older adults without reducing hippocampal encoding activation. <i>Neuropsychologia</i> , 2017, 100, 195-206.	1.6	26
851	APOE moderates compensatory recruitment of neuronal resources during working memory processing in healthy older adults. <i>Neurobiology of Aging</i> , 2017, 56, 127-137.	3.1	20
852	Local-to-remote cortical connectivity in amnesic mild cognitive impairment. <i>Neurobiology of Aging</i> , 2017, 56, 138-149.	3.1	17
853	Defining a multimodal signature of remote sports concussions. <i>European Journal of Neuroscience</i> , 2017, 46, 1956-1967.	2.6	18
854	Longitudinal decline in speech production in Parkinson's disease spectrum disorders. <i>Brain and Language</i> , 2017, 171, 42-51.	1.6	43
855	Age-related reduction of hemispheric lateralisation for spatial attention: An EEG study. <i>NeuroImage</i> , 2017, 153, 139-151.	4.2	40
856	Cognitive Efficiency in Alzheimer's Disease is Associated with Increased Occipital Connectivity. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 541-556.	2.6	15
857	Stress and gender effects on prefrontal cortex oxygenation levels assessed during single and dual-task walking conditions. <i>European Journal of Neuroscience</i> , 2017, 45, 660-670.	2.6	52
858	Age-related reduction of BOLD modulation to cognitive difficulty predicts poorer task accuracy and poorer fluid reasoning ability. <i>NeuroImage</i> , 2017, 147, 262-271.	4.2	62
859	Neurocounseling: Promoting Human Growth and Development Throughout the Life Span. <i>Adultspan Journal</i> , 2017, 16, 106-119.	0.3	5
860	Task-evoked pupil dilation and BOLD variance as indicators of locus coeruleus dysfunction. <i>Cortex</i> , 2017, 97, 60-69.	2.4	45
861	Modulating hemispheric lateralization by brain stimulation yields gain in mental and physical activity. <i>Scientific Reports</i> , 2017, 7, 13430.	3.3	13

#	ARTICLE	IF	CITATIONS
862	Age-Related Changes in Objective and Subjective Speech Perception in Complex Listening Environments. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 3009-3018.	1.6	28
863	Trajectories of brain system maturation from childhood to older adulthood: Implications for lifespan cognitive functioning. <i>NeuroImage</i> , 2017, 163, 125-149.	4.2	40
864	Near-infrared spectroscopy (NIRS) and vagus somatosensory evoked potentials (VSEP) in the early diagnosis of Alzheimer's disease: rationale, design, methods, and first baseline data of the Vogel study. <i>Journal of Neural Transmission</i> , 2017, 124, 1473-1488.	2.8	15
865	Individual differences in regional cortical volumes across the life span are associated with regional optical measures of arterial elasticity. <i>NeuroImage</i> , 2017, 162, 199-213.	4.2	23
866	Patterns of Age-Related Cognitive Differences in Adults with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 3204-3219.	2.7	48
867	Effective connectivity during successful and unsuccessful recollection in young and old adults. <i>Neuropsychologia</i> , 2017, 103, 168-182.	1.6	7
868	DTI measures identify mild and moderate TBI cases among patients with complex health problems: A receiver operating characteristic analysis of U.S. veterans. <i>NeuroImage: Clinical</i> , 2017, 16, 1-16.	2.7	27
869	Use of near-infrared spectroscopy in the investigation of brain activation during cognitive aging: A systematic review of an emerging area of research. <i>Ageing Research Reviews</i> , 2017, 38, 52-66.	10.9	58
870	Age-related shifts in hemispheric dominance for syntactic processing. <i>Psychophysiology</i> , 2017, 54, 1929-1939.	2.4	11
871	Functional near-infrared spectroscopy in movement science: a systematic review on cortical activity in postural and walking tasks. <i>Neurophotonics</i> , 2017, 4, 041403.	3.3	176
872	The Effects of Acute Exercise on Mood, Cognition, Neurophysiology, and Neurochemical Pathways: A Review. <i>Brain Plasticity</i> , 2017, 2, 127-152.	3.5	441
873	Metastability of cortical BOLD signals in maturation and senescence. , 2017, , .		6
874	Degradation of neural representations in higher visual cortex by sleep deprivation. <i>Scientific Reports</i> , 2017, 7, 45532.	3.3	10
875	Specific features of the oscillatory brain activity during the final stage of creative problem solving in young and elderly subjects. <i>Human Physiology</i> , 2017, 43, 241-247.	0.4	9
876	Simultaneous EEG-fNIRS reveals how age and feedback affect motor imagery signatures. <i>Neurobiology of Aging</i> , 2017, 49, 183-197.	3.1	44
877	The use of resting state data in an integrative approach to studying neurocognitive ageing – commentary on Campbell and Schacter (2016). <i>Language, Cognition and Neuroscience</i> , 2017, 32, 684-691.	1.2	19
878	Functional connectivity alterations in patients with chronic hepatitis C virus infection: A multimodal MRI study. <i>Journal of Viral Hepatitis</i> , 2017, 24, 216-225.	2.0	14
879	Functional brain imaging of episodic memory decline in ageing. <i>Journal of Internal Medicine</i> , 2017, 281, 65-74.	6.0	89

#	ARTICLE	IF	CITATIONS
880	Ageing and the resting state: is cognition obsolete?. Language, Cognition and Neuroscience, 2017, 32, 661-668.	1.2	46
881	Preserved and attenuated electrophysiological correlates of visual spatial attention in elderly subjects. Behavioural Brain Research, 2017, 317, 415-423.	2.2	8
882	Relationships between years of education, regional grey matter volumes, and working memory-related brain activity in healthy older adults. Brain Imaging and Behavior, 2017, 11, 304-317.	2.1	55
883	An approach to studying the neural correlates of reserve. Brain Imaging and Behavior, 2017, 11, 410-416.	2.1	118
884	Age-related alterations in functional connectivity patterns during working memory encoding of emotional items. Neuropsychologia, 2017, 94, 1-12.	1.6	29
885	Human Connectomics across the Life Span. Trends in Cognitive Sciences, 2017, 21, 32-45.	7.8	189
886	Visual neglect after left-hemispheric lesions: a voxel-based lesionâ€‘symptom mapping study in 121 acute stroke patients. Experimental Brain Research, 2017, 235, 83-95.	1.5	38
887	Functional connectivity assessment for episodic memory. , 2017, , .		0
888	The Efficacy of Cognitive Intervention in Mild Cognitive Impairment (MCI): a Meta-Analysis of Outcomes on Neuropsychological Measures. Neuropsychology Review, 2017, 27, 440-484.	4.9	175
889	Effects of Aging and Background Babble Noise on Speech Perception Processing: An fMRI Study. Neurophysiology, 2017, 49, 441-452.	0.3	17
890	Crashing Left vs. Right: Examining Navigation Asymmetries Using the SHRP2 Naturalistic Driving Study Data. Frontiers in Psychology, 2017, 8, 2153.	2.1	8
891	Bells Test: Are there differences in performance between adult groups aged 40-59 and 60-75?. Dementia E Neuropsychologia, 2017, 11, 40-47.	0.8	2
892	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.	3.4	57
893	Frontal Structural Neural Correlates of Working Memory Performance in Older Adults. Frontiers in Aging Neuroscience, 2016, 08, 328.	3.4	91
894	Mindfulness Training for Healthy Aging: Impact on Attention, Well-Being, and Inflammation. Frontiers in Aging Neuroscience, 2017, 9, 11.	3.4	37
895	Transcranial Doppler Sonography Reveals Reductions in Hemispheric Asymmetry in Healthy Older Adults during Vigilance. Frontiers in Aging Neuroscience, 2017, 9, 21.	3.4	9
896	Effects of Aging in Multisensory Integration: A Systematic Review. Frontiers in Aging Neuroscience, 2017, 9, 80.	3.4	117
897	Bodyâ€‘Brain Connections: The Effects of Obesity and Behavioral Interventions on Neurocognitive Aging. Frontiers in Aging Neuroscience, 2017, 9, 115.	3.4	45

#	ARTICLE	IF	CITATIONS
898	Aging Modulates the Hemispheric Specialization during Word Production. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 125.	3.4	13
899	Age-Related Differences in Dynamic Interactions Among Default Mode, Frontoparietal Control, and Dorsal Attention Networks during Resting-State and Interference Resolution. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 152.	3.4	53
900	The Role of Retinal Carotenoids and Age on Neuroelectric Indices of Attentional Control among Early to Middle-Aged Adults. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 183.	3.4	21
901	Attentional Orienting and Dorsal Visual Stream Decline: Review of Behavioral and EEG Studies. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 246.	3.4	15
902	Age-Related Shift in Neuro-Activation during a Word-Matching Task. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 265.	3.4	9
903	Asymmetry of Hemispheric Network Topology Reveals Dissociable Processes between Functional and Structural Brain Connectome in Community-Living Elders. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 361.	3.4	28
904	Cognitive Resources Necessary for Motor Control in Older Adults Are Reduced by Walking and Coordination Training. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 156.	2.0	30
905	Anatomical Modularity of Verbal Working Memory? Functional Anatomical Evidence from a Famous Patient with Short-Term Memory Deficits. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 231.	2.0	17
906	A Complex Interplay of Vitamin B1 and B6 Metabolism with Cognition, Brain Structure, and Functional Connectivity in Older Adults. <i>Frontiers in Neuroscience</i> , 2017, 11, 596.	2.8	34
907	Investigating the Usability and Acute Effects of a Bedside Video Console to Prefrontal Cortical Activity Alterations: A Preclinical Study in Healthy Elderly. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 85.	2.5	8
908	Corticospinal Plasticity in Bilateral Primary Motor Cortices Induced by Paired Associative Stimulation to the Dominant Hemisphere Does Not Differ between Young and Older Adults. <i>Neural Plasticity</i> , 2017, 1-14.	2.2	15
909	Changes in Cortical Activation Patterns in Language Areas following an Aerobic Exercise Intervention in Older Adults. <i>Neural Plasticity</i> , 2017, 2017, 1-9.	2.2	28
910	The Cognitive Neuroplasticity of Reading Recovery following Chronic Stroke: A Representational Similarity Analysis Approach. <i>Neural Plasticity</i> , 2017, 2017, 1-16.	2.2	11
911	White Matter Hyperintensity Load Modulates Brain Morphometry and Brain Connectivity in Healthy Adults: A Neuroplastic Mechanism?. <i>Neural Plasticity</i> , 2017, 2017, 1-10.	2.2	26
912	Dissociating Normal Aging from Alzheimer's Disease: A View from Cognitive Neuroscience. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 331-352.	2.6	123
913	Advances in neurocognitive rehabilitation research from 1992 to 2017: The ascension of neural plasticity.. <i>Neuropsychology</i> , 2017, 31, 900-920.	1.3	16
914	Environmental Enrichment as a Positive Behavioral Intervention Across the Lifespan. <i>Current Neuropharmacology</i> , 2017, 15, 459-470.	2.9	88
916	Interference of action perception on action production increases across the adult life span. <i>Experimental Brain Research</i> , 2018, 236, 577-586.	1.5	2

#	ARTICLE	IF	CITATIONS
917	Network connectivity of motor control in the ageing brain. <i>NeuroImage: Clinical</i> , 2018, 18, 443-455.	2.7	65
918	Neurobiological findings associated with high cognitive performance in older adults: a systematic review. <i>International Psychogeriatrics</i> , 2018, 30, 1813-1825.	1.0	18
919	Event-related brain potential correlates of brain reorganization of episodic memory throughout the adult lifespan. <i>NeuroReport</i> , 2018, 29, 768-772.	1.2	3
921	The efficacy of transcranial random noise stimulation (tRNS) on mood may depend on individual differences including age and trait mood. <i>Clinical Neurophysiology</i> , 2018, 129, 1201-1208.	1.5	15
922	Different macaque models of cognitive aging exhibit task-dependent behavioral disparities. <i>Behavioural Brain Research</i> , 2018, 344, 110-119.	2.2	13
923	Age-related differences in BOLD modulation to cognitive control costs in a multitasking paradigm: Global switch, local switch, and compatibility-switch costs. <i>NeuroImage</i> , 2018, 172, 146-161.	4.2	26
924	Spatial attention and the malleability of bodily self in the elderly. <i>Consciousness and Cognition</i> , 2018, 59, 32-39.	1.5	9
925	Pseudoneglect is maintained in aging but not in mild Alzheimer's disease: new insights from an enumeration task. <i>Neuropsychologia</i> , 2018, 111, 276-283.	1.6	1
926	Transcranial Magnetic Stimulation (TMS) in the Elderly. <i>Current Psychiatry Reports</i> , 2018, 20, 6.	4.5	45
927	Reduced inter-hemispheric interference in ageing: Evidence from a divided field Stroop paradigm. <i>Brain and Cognition</i> , 2018, 122, 26-33.	1.8	2
928	Age-Related Declines in Motor Performance are Associated With Decreased Segregation of Large-Scale Resting State Brain Networks. <i>Cerebral Cortex</i> , 2018, 28, 4390-4402.	2.9	125
929	Networks of myelin covariance. <i>Human Brain Mapping</i> , 2018, 39, 1532-1554.	3.6	36
930	Multiple pathways of reserve simultaneously present in cognitively normal older adults. <i>Neurology</i> , 2018, 90, e197-e205.	1.1	18
931	Cortical inhibition assessed using paired-pulse TMS-EEG is increased in older adults. <i>Brain Stimulation</i> , 2018, 11, 545-557.	1.6	28
932	Practice effects in healthy older adults: Implications for treatment-induced neuroplasticity in Aphasia. <i>Neuropsychologia</i> , 2018, 109, 116-125.	1.6	4
933	Naming is not explaining: future directions for the 'cognitive reserve' and 'brain maintenance' theories. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 34.	6.2	35
934	Captive chimpanzees'™ manual laterality in tool use context: Influence of communication and of sociodemographic factors. <i>Behavioural Processes</i> , 2018, 157, 610-624.	1.1	2
935	Resistance vs resilience to Alzheimer disease. <i>Neurology</i> , 2018, 90, 695-703.	1.1	227

#	ARTICLE	IF	CITATIONS
936	White matter asymmetries in patients with cerebral small vessel disease. <i>Journal of Integrative Neuroscience</i> , 2018, 17, 293-307.	1.7	3
937	Older adults reveal enhanced task-related beta power decreases during a force modulation task. <i>Behavioural Brain Research</i> , 2018, 345, 104-113.	2.2	29
938	Evidence for Differential Effects of 2 Forms of Exercise on Prefrontal Plasticity During Walking in Parkinson's Disease. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 200-208.	2.9	48
939	Age-related changes in the ease of dynamical transitions in human brain activity. <i>Human Brain Mapping</i> , 2018, 39, 2673-2688.	3.6	39
940	Electroencephalogram alpha asymmetry in geriatric depression. <i>Zeitschrift Fur Gerontologie Und Geriatrie</i> , 2018, 51, 200-205.	1.8	44
941	Plasticity of the Right-Lateralized Cognitive Reserve Network in Ageing. <i>Cerebral Cortex</i> , 2018, 28, 1749-1759.	2.9	34
942	Differences in Cortical Sources of the Event-Related P3 Potential Between Young and Old Participants Indicate Frontal Compensation. <i>Brain Topography</i> , 2018, 31, 35-46.	1.8	24
943	Shedding light on gray(ing) areas: Connectivity and task switching dynamics in aging. <i>Psychophysiology</i> , 2018, 55, e12818.	2.4	13
944	Plasticity in the Working Memory System: Life Span Changes and Response to Injury. <i>Neuroscientist</i> , 2018, 24, 261-276.	3.5	18
945	Neuroanatomical and resting state EEG power correlates of central hearing loss in older adults. <i>Brain Structure and Function</i> , 2018, 223, 145-163.	2.3	40
946	Relationship between Lower Tendency to Deceive in Aging and Inhibitory Compromise. <i>Gerontology</i> , 2018, 64, 67-73.	2.8	4
947	Recollection-related increases in functional connectivity across the healthy adult lifespan. <i>Neurobiology of Aging</i> , 2018, 62, 1-19.	3.1	17
948	Age related prefrontal compensatory mechanisms for inhibitory control in the antisaccade task. <i>NeuroImage</i> , 2018, 165, 92-101.	4.2	40
949	Development of lateral-specific hemispheric specialization from beginning to end. <i>Laterality</i> , 2018, 23, 422-440.	1.0	3
950	Asymmetric development of the nervous system. <i>Developmental Dynamics</i> , 2018, 247, 124-137.	1.8	24
951	EEG correlates of visual short-term memory in older age vary with adult lifespan cognitive development. <i>Neurobiology of Aging</i> , 2018, 62, 210-220.	3.1	14
952	Embodiment in the aging mind. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 207-225.	6.1	59
953	An unbiased data-driven age-related structural brain parcellation for the identification of intrinsic brain volume changes over the adult lifespan. <i>NeuroImage</i> , 2018, 169, 134-144.	4.2	44

#	ARTICLE	IF	CITATIONS
954	Autobiographical memory, the ageing brain and mechanisms of psychological interventions. Ageing Research Reviews, 2018, 42, 100-111.	10.9	16
955	Age-related changes in the neural networks supporting semantic cognition: A meta-analysis of 47 functional neuroimaging studies. Neuroscience and Biobehavioral Reviews, 2018, 84, 134-150.	6.1	92
956	The assessment of neurovascular coupling with the Addenbrooke's Cognitive Examination: a functional transcranial Doppler ultrasonographic study. Journal of Neurophysiology, 2018, 119, 1084-1094.	1.8	15
957	The Aging Well through Interaction and Scientific Education (AgeWISE) Program. Clinical Gerontologist, 2018, 41, 412-423.	2.2	7
958	Language processing in age-related macular degeneration associated with unique functional connectivity signatures in the right hemisphere. Neurobiology of Aging, 2018, 63, 65-74.	3.1	13
959	Geriatric Anesthesia: Age-Dependent Changes in the Central and Peripheral Nervous Systems. , 2018, , 145-160.		0
960	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
961	Evidence Linking Brain Activity Modulation to Age and to Deductive Training. Neural Plasticity, 2018, 2018, 1-10.	2.2	3
962	The Assessment of Cerebrovascular Response to a Language Task from the Addenbrooke's Cognitive Examination in Cognitive Impairment: A Feasibility Functional Transcranial Doppler Ultrasonography Study. Journal of Alzheimer's Disease Reports, 2018, 2, 153-164.	2.2	10
963	Age-Dependent Performance on Pro-point and Anti-point Tasks. Frontiers in Psychology, 2018, 9, 2519.	2.1	5
964	Brain Networks Reorganization During Maturation and Healthy Aging-Emphases for Resilience. Frontiers in Psychiatry, 2018, 9, 601.	2.6	23
965	EEG Alpha Asymmetry and Lateral Characteristics of Verbal Memory as a Useful Tool to Investigate Creative Capacity of the Aging Brain. , 2018, , .		4
966	Selective Metaphor Impairments After Left, Not Right, Hemisphere Injury. Frontiers in Psychology, 2018, 9, 2308.	2.1	15
967	Reduced Gait Variability and Enhanced Brain Activity in Older Adults With Auditory Cues: A Functional Near-Infrared Spectroscopy Study. Neurorehabilitation and Neural Repair, 2018, 32, 976-987.	2.9	35
968	Sex/gender differences in cognition, neurophysiology, and neuroanatomy. F1000Research, 2018, 7, 805.	1.6	130
969	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.	2.6	32
970	Neural Correlates of Working Memory Maintenance in Advanced Aging: Evidence From fMRI. Frontiers in Aging Neuroscience, 2018, 10, 358.	3.4	16
971	Default Mode Network Lateralization and Memory in Healthy Aging and Alzheimer's Disease. Journal of Alzheimer's Disease, 2018, 66, 1223-1234.	2.6	39



#	ARTICLE	IF	CITATIONS
972	As Time Goes by: A rTMS Study on Age-Related Changes in Sentence Comprehension. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 307.	3.4	0
973	The effect of aerobic dance intervention on brain spontaneous activity in older adults with mild cognitive impairment: A resting-state functional MRI study. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 715-722.	1.8	27
974	Exploring the Effect of Time Horizon Perspective on Persuasion: Focusing on Both Biological and Embodied Aging. <i>Sustainability</i> , 2018, 10, 4375.	3.2	4
975	A Homeostatic Model of Subjective Cognitive Decline. <i>Brain Sciences</i> , 2018, 8, 228.	2.3	10
976	Cognitive and Brain Activity Changes After Mnemonic Strategy Training in Amnesic Mild Cognitive Impairment: Evidence From a Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 342.	3.4	18
977	Sensory manipulation results in increased dorsolateral prefrontal cortex activation during static postural balance in sedentary older adults: An fNIRS study. <i>Brain and Behavior</i> , 2018, 8, e01109.	2.2	23
978	Familial Sinistrality and Language Processing. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2018, , 143-177.	1.1	3
979	The Abnormality of Topological Asymmetry in Hemispheric Brain Anatomical Networks in Bipolar Disorder. <i>Frontiers in Neuroscience</i> , 2018, 12, 618.	2.8	20
980	Cognitive Predictors of Cortical Thickness in Healthy Aging. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1116, 51-62.	1.6	4
981	Age-Related Declines in Executive Function and Cerebral Oxygenation Hemodynamics. <i>Tohoku Journal of Experimental Medicine</i> , 2018, 245, 245-250.	1.2	17
982	Maintenance, reserve and compensation: the cognitive neuroscience of healthy ageing. <i>Nature Reviews Neuroscience</i> , 2018, 19, 701-710.	10.2	691
983	Performance Level and Cortical Atrophy Modulate the Neural Response to Increasing Working Memory Load in Younger and Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 265.	3.4	5
984	Cognitive Involvement in Balance, Gait and Dual-Tasking in Aging: A Focused Review From a Neuroscience of Aging Perspective. <i>Frontiers in Neurology</i> , 2018, 9, 913.	2.4	151
985	Aging and Sequential Strategy Interference: A Magnetoencephalography Study in Arithmetic Problem Solving. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 232.	3.4	4
986	Towards Combinatorial Approaches for Preserving Cognitive Fitness in Aging. <i>Trends in Neurosciences</i> , 2018, 41, 885-897.	8.6	30
987	Age-dependent effect of targeted temperature management on outcome after cardiac arrest. <i>European Journal of Clinical Investigation</i> , 2018, 48, e13026.	3.4	15
988	The Role of Age on Multisensory Bodily Experience: An Experimental Study with a Virtual Reality Full-Body Illusion. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2018, 21, 304-310.	3.9	27
989	Functional networks underlying item and source memory: shared and distinct network components and age-related differences. <i>Neurobiology of Aging</i> , 2018, 69, 140-150.	3.1	18

#	ARTICLE	IF	CITATIONS
990	Socioeconomic status moderates age-related differences in the brain's functional network organization and anatomy across the adult lifespan. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5144-E5153.	7.1	100
991	Age-related changes in neural mechanisms of prospective memory. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 982-999.	2.0	23
992	The Role of Movement-Specific Reinvestment in Visuomotor Control of Walking by Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 75, 282-292.	3.9	10
993	Aging brain: the effect of combined cognitive and physical training on cognition as compared to cognitive and physical training alone &ndash; a systematic review. Clinical Interventions in Aging, 2018, Volume 13, 1267-1301.	2.9	103
994	The effect of aging and contextual information on manual asymmetry in tool use. Experimental Brain Research, 2018, 236, 2347-2362.	1.5	1
995	Neuropsychological Assessment of Older Adults With Virtual Reality: Association of Age, Schooling, and General Cognitive Status. Frontiers in Psychology, 2018, 9, 1085.	2.1	15
996	Atypical structural and functional motor networks in autism. Progress in Brain Research, 2018, 238, 207-248.	1.4	39
997	Electroencephalogram alpha asymmetry in patients with depressive disorders: current perspectives. Neuropsychiatric Disease and Treatment, 2018, Volume 14, 1493-1504.	2.2	41
998	Aging and Network Properties: Stability Over Time and Links with Learning during Working Memory Training. Frontiers in Aging Neuroscience, 2017, 9, 419.	3.4	54
999	Crossmodal Connections of Primary Sensory Cortices Largely Vanish During Normal Aging. Frontiers in Aging Neuroscience, 2018, 10, 52.	3.4	11
1000	Frontoparietal tDCS Benefits Visual Working Memory in Older Adults With Low Working Memory Capacity. Frontiers in Aging Neuroscience, 2018, 10, 57.	3.4	38
1001	Functional Hemispheric (A)symmetries in the Aged Brain's Relevance for Working Memory. Frontiers in Aging Neuroscience, 2018, 10, 58.	3.4	10
1002	Narrative Discourse in Young and Older Adults: Behavioral and NIRS Analyses. Frontiers in Aging Neuroscience, 2018, 10, 69.	3.4	15
1003	A New Measure for Neural Compensation Is Positively Correlated With Working Memory and Gait Speed. Frontiers in Aging Neuroscience, 2018, 10, 71.	3.4	8
1004	Brain Aging and APOE $\epsilon 4$ Interact to Reveal Potential Neuronal Compensation in Healthy Older Adults. Frontiers in Aging Neuroscience, 2018, 10, 74.	3.4	24
1005	The Effects of Tai Chi Intervention on Healthy Elderly by Means of Neuroimaging and EEG: A Systematic Review. Frontiers in Aging Neuroscience, 2018, 10, 110.	3.4	24
1006	Changes in Brain Lateralization in Patients with Mild Cognitive Impairment and Alzheimer's Disease: A Resting-State Functional Magnetic Resonance Study from Alzheimer's Disease Neuroimaging Initiative. Frontiers in Neurology, 2018, 9, 3.	2.4	37
1007	The middle-aged brain: biological sex and sex hormones shape memory circuitry. Current Opinion in Behavioral Sciences, 2018, 23, 84-91.	3.9	27

#	ARTICLE	IF	CITATIONS
1008	Reasoning Over the Lifespan. , 2018, , 131-154.		0
1009	Structureâ€function multiâ€scale connectomics reveals a major role of the frontoâ€striatoâ€thalamic circuit in brain aging. Human Brain Mapping, 2018, 39, 4663-4677.	3.6	45
1010	Interindividual differences among native right-to-left readers and native left-to-right readers during free viewing task. Visual Cognition, 2018, 26, 430-441.	1.6	5
1011	The effect of ageing on the neural substrates of incidental encoding leading to recollection or familiarity. Brain and Cognition, 2018, 126, 1-12.	1.8	5
1012	How aging impacts the encoding of binaural cues and the perception of auditory space. Hearing Research, 2018, 369, 79-89.	2.0	35
1013	Methylphenidate-mediated motor control network enhancement in patients with traumatic brain injury. Brain Injury, 2018, 32, 1040-1049.	1.2	10
1014	â€Walkingâ€through the sensory, cognitive, and temporal degradations of healthy aging. Annals of the New York Academy of Sciences, 2018, 1426, 72-92.	3.8	61
1015	Brainâ€™s compensatory response to drug-induced cognitive impairment. Journal of Clinical and Experimental Neuropsychology, 2018, 40, 1000-1012.	1.3	2
1016	Feedback-Based Learning in Aging: Contributions and Trajectories of Change in Striatal and Hippocampal Systems. Journal of Neuroscience, 2018, 38, 8453-8462.	3.6	21
1017	Age-related Decline of Visual Working Memory: Behavioral Results Simulated with a Dynamic Neural Field Model. Journal of Cognitive Neuroscience, 2018, 30, 1532-1548.	2.3	4
1018	Disentangling the interaction of sex differences and hemispheric specialization for face processing â€Evidence from ERPs. Biological Psychology, 2018, 136, 144-150.	2.2	4
1019	The Mediterranean Diet and Healthy Brain Aging. , 2018, , 17-33.		5
1020	Age-by-Emotion Interactions in Memory Retrieval Processes: An Event-Related Potential Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2019, 74, 1101-1110.	3.9	3
1021	Cooperative contributions of structural and functional connectivity to successful memory in aging. Network Neuroscience, 2019, 3, 173-194.	2.6	17
1022	Successful Memory Aging. Annual Review of Psychology, 2019, 70, 219-243.	17.7	162
1023	Divergent effects of healthy ageing on semantic knowledge and control: Evidence from novel comparisons with semantically impaired patients. Journal of Neuropsychology, 2019, 13, 462-484.	1.4	15
1024	Cognitive sex differences and hemispheric asymmetry: A critical review of 40 years of research. Laterality, 2019, 24, 204-252.	1.0	110
1025	Improved conceptual generation and selection with transcranial direct current stimulation in older adults. Journal of Clinical and Experimental Neuropsychology, 2019, 41, 43-57.	1.3	3

#	ARTICLE	IF	CITATIONS
1026	Reduced hemispheric asymmetry of brain anatomical networks in attention deficit hyperactivity disorder. <i>Brain Imaging and Behavior</i> , 2019, 13, 669-684.	2.1	26
1027	Incidental Learning: A Systematic Review of Its Effect on Episodic Memory Performance in Older Age. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 173.	3.4	14
1028	Combining non-invasive brain stimulation with functional magnetic resonance imaging to investigate the neural substrates of cognitive aging. <i>Journal of Neuroscience Research</i> , 2022, 100, 1159-1170.	2.9	16
1029	Evidence for enhanced neural tracking of the speech envelope underlying age-related speech-in-noise difficulties. <i>Journal of Neurophysiology</i> , 2019, 122, 601-615.	1.8	86
1030	Interpreting Prefrontal Recruitment During Walking After Stroke: Influence of Individual Differences in Mobility and Cognitive Function. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 194.	2.0	29
1031	The New Science of Practical Wisdom. <i>Perspectives in Biology and Medicine</i> , 2019, 62, 216-236.	0.5	26
1032	Functional and/or structural brain changes in response to resistance exercises and resistance training lead to cognitive improvements – a systematic review. <i>European Review of Aging and Physical Activity</i> , 2019, 16, 10.	2.9	164
1033	Which Episodic Memory Performance is Associated with Alzheimer's Disease Biomarkers in Elderly Cognitive Complainers? Evidence from a Longitudinal Observational Study with Four Episodic Memory Tests (Insight-PreAD). <i>Journal of Alzheimer's Disease</i> , 2019, 70, 811-824.	2.6	16
1034	A lesion and connectivity-based hierarchical model of chronic aphasia recovery dissociates patients and healthy controls. <i>NeuroImage: Clinical</i> , 2019, 23, 101919.	2.7	19
1035	Alcohol in the Aging Brain – The Interplay Between Alcohol Consumption, Cognitive Decline and the Cardiovascular System. <i>Frontiers in Neuroscience</i> , 2019, 13, 713.	2.8	15
1036	Reduced Visual and Frontal Cortex Activation During Visual Working Memory in Grapheme-Color Synaesthetes Relative to Young and Older Adults. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 29.	2.5	2
1037	Evidence of parietal hyperactivation in individuals with mild cognitive impairment who progressed to dementia: A longitudinal fMRI study. <i>NeuroImage: Clinical</i> , 2019, 24, 101958.	2.7	28
1038	Increased Neural Activity in Hazardous Drinkers During High Workload in a Visual Working Memory Task: A Preliminary Assessment Through Event-Related Potentials. <i>Frontiers in Psychiatry</i> , 2019, 10, 248.	2.6	2
1039	Anodal Transcranial Direct Current Stimulation Over S1 Differentially Modulates Proprioceptive Accuracy in Young and Old Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 264.	3.4	11
1040	Aging of the frontal lobe. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 163, 369-389.	1.8	57
1041	Aftereffects of Intermittent Theta-Burst Stimulation in Adjacent, Non-Target Muscles. <i>Neuroscience</i> , 2019, 418, 157-165.	2.3	5
1042	Brain activity during dual task gait and balance in aging and age-related neurodegenerative conditions: A systematic review. <i>Experimental Gerontology</i> , 2019, 128, 110756.	2.8	43
1043	Self-referential processing improves memory for narrative information in healthy aging and amnesic Mild Cognitive Impairment. <i>Neuropsychologia</i> , 2019, 134, 107179.	1.6	7

#	ARTICLE	IF	CITATIONS
1044	The effects of cardiorespiratory fitness on executive function and prefrontal oxygenation in older adults. <i>GeroScience</i> , 2019, 41, 681-690.	4.6	32
1045	Brain reserve, cognitive reserve, compensation, and maintenance: operationalization, validity, and mechanisms of cognitive resilience. <i>Neurobiology of Aging</i> , 2019, 83, 124-129.	3.1	223
1046	What's â€œleftâ€? Hemispheric sensitivity to predictability and congruity during sentence reading by older adults. <i>Neuropsychologia</i> , 2019, 133, 107173.	1.6	11
1047	Reducing negative affect with anodal transcranial direct current stimulation increases memory performance in youngâ€”but not in elderlyâ€”individuals. <i>Brain Structure and Function</i> , 2019, 224, 2973-2982.	2.3	13
1048	Does numerical similarity alter age-related distractibility in working memory?. <i>PLoS ONE</i> , 2019, 14, e0222027.	2.5	7
1049	Brain oscillations in cognitive control: A cross-sectional study with a spatial stroop task. <i>Neuropsychologia</i> , 2019, 133, 107190.	1.6	34
1050	Tai Chi Chuan exercise related change in brain function as assessed by functional nearâ€”infrared spectroscopy. <i>Scientific Reports</i> , 2019, 9, 13198.	3.3	36
1051	The relationship between bilingual experience and gyrification in adulthood: A cross-sectional surface-based morphometry study. <i>Brain and Language</i> , 2019, 198, 104680.	1.6	12
1052	Sex, Age, and Handedness Modulate the Neural Correlates of Active Learning. <i>Frontiers in Neuroscience</i> , 2019, 13, 961.	2.8	9
1053	A neural-vascular complex of age-related changes in the human brain: Anatomy, physiology, and implications for neurocognitive aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 107, 927-944.	6.1	33
1054	Improved Accuracy on Lateralized Spatial Judgments in Healthy Aging. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 1044-1050.	1.8	2
1055	When right becomes less right: Neural dedifferentiation during suprasegmental speech processing in the aging brain. <i>NeuroImage</i> , 2019, 189, 886-895.	4.2	14
1056	Precuneus Dysfunction in Parkinsonâ€™s Disease With Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 427.	3.4	40
1057	Is PASA PassÃ©?: Rethinking Compensatory Mechanisms in Cognitive Aging. <i>Journal of Neuroscience</i> , 2019, 39, 786-787.	3.6	4
1058	The Effects of Healthy Ageing on Cerebral Blood Flow Responses to Cognitive Testing. <i>Current Aging Science</i> , 2019, 11, 226-235.	1.2	8
1059	A Systematic Review on the Cognitive Benefits and Neurophysiological Correlates of Exergaming in Healthy Older Adults. <i>Journal of Clinical Medicine</i> , 2019, 8, 734.	2.4	79
1060	Influences of age, mental workload, and flight experience on cognitive performance and prefrontal activity in private pilots: a fNIRS study. <i>Scientific Reports</i> , 2019, 9, 7688.	3.3	36
1061	From Synchrony to Asynchrony: Cerebellarâ€”Basal Ganglia Functional Circuits in Young and Older Adults. <i>Cerebral Cortex</i> , 2020, 30, 718-729.	2.9	23

#	ARTICLE	IF	CITATIONS
1062	Bridging the brain structure–brain function gap in prosodic speech processing in older adults. <i>Neurobiology of Aging</i> , 2019, 80, 116-126.	3.1	23
1063	Neurocompensatory Effects of the Default Network in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 111.	3.4	2
1064	A Verbal Fluency Task–Based Brain Activation fMRI Study in Patients with Crohn's Disease in Remission. <i>Journal of Neuroimaging</i> , 2019, 29, 630-639.	2.0	11
1065	Cognitive and neural plasticity in old age: A systematic review of evidence from executive functions cognitive training. <i>Ageing Research Reviews</i> , 2019, 53, 100912.	10.9	87
1066	Brain structure and cognitive ability in healthy aging: a review on longitudinal correlated change. <i>Reviews in the Neurosciences</i> , 2019, 31, 1-57.	2.9	138
1067	The relation between brain signal complexity and task difficulty on an executive function task. <i>NeuroImage</i> , 2019, 198, 104-113.	4.2	15
1068	Reduced Interhemispheric White Matter Asymmetries in Medial Temporal Lobe Epilepsy With Hippocampal Sclerosis. <i>Frontiers in Neurology</i> , 2019, 10, 394.	2.4	13
1069	Neural Correlates of Verbal Working Memory: An fMRI Meta-Analysis. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 180.	2.0	121
1070	Altered frontal and insular functional connectivity as pivotal mechanisms for apathy in Alzheimer's disease. <i>Cortex</i> , 2019, 119, 100-110.	2.4	27
1071	The Shifting Architecture of Cognition and Brain Function in Older Adulthood. <i>Perspectives on Psychological Science</i> , 2019, 14, 523-542.	9.0	152
1072	Aging and Orienting of Visual Attention: Emergence of a Rightward Attentional Bias with Aging?. <i>Developmental Neuropsychology</i> , 2019, 44, 310-324.	1.4	2
1073	Age-Related Atrophy and Compensatory Neural Networks in Reading Comprehension. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 569-582.	1.8	9
1074	Semantic Memory Activation After Acute Exercise in Healthy Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 557-568.	1.8	32
1075	Test-retest reliability in an fMRI study of naming in dementia. <i>Brain and Language</i> , 2019, 191, 31-45.	1.6	15
1076	The Neural Correlates of the Clock-Drawing Test in Healthy Aging. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 25.	2.0	26
1077	Music and Visual Art Training Modulate Brain Activity in Older Adults. <i>Frontiers in Neuroscience</i> , 2019, 13, 182.	2.8	35
1078	Neural Scaffolding as the Foundation for Stable Performance of Aging Cerebellum. <i>Cerebellum</i> , 2019, 18, 500-510.	2.5	18
1079	Functional correlates of strategy formation and verbal suppression in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101683.	2.7	9

#	ARTICLE	IF	CITATIONS
1080	Predicting cognitive resilience from midlife lifestyle and multi-modal MRI: A 30-year prospective cohort study. PLoS ONE, 2019, 14, e0211273.	2.5	9
1081	Working Memory, Cognitive Load and Cardiorespiratory Fitness: Testing the CRUNCH Model with Near-Infrared Spectroscopy. Brain Sciences, 2019, 9, 38.	2.3	27
1082	Neuroplasticity of Language Networks in Aphasia: Advances, Updates, and Future Challenges. Frontiers in Neurology, 2019, 10, 295.	2.4	143
1083	Improvement in cognitive performance and mood in healthy older adults: a multimodal approach. European Journal of Ageing, 2019, 16, 327-336.	2.8	8
1084	Reductions in prefrontal activation predict off-topic utterances during speech production. Nature Communications, 2019, 10, 515.	12.8	33
1085	Aging and Hypertension “Independent or Intertwined White Matter Impairing Factors? Insights From the Quantitative Diffusion Tensor Imaging. Frontiers in Aging Neuroscience, 2019, 11, 35.	3.4	20
1086	A neural hallmark of auditory implicit learning is altered in older adults. PLoS ONE, 2019, 14, e0211468.	2.5	0
1087	Task difficulty modulates age-related differences in the behavioral and neural bases of language production. Neuropsychologia, 2019, 124, 254-273.	1.6	21
1088	Everyday Memory in Healthy Aging: Porous but Not Distorted. Frontiers in Aging Neuroscience, 2019, 11, 153.	3.4	5
1089	Brain networks mediating the influence of background music on selective attention. Social Cognitive and Affective Neuroscience, 2019, 14, 1441-1452.	3.0	17
1090	Influence of acute combined physical and cognitive exercise on cognitive function: an NIRS study. PeerJ, 2019, 7, e7418.	2.0	37
1091	Neural and Behavioral Effects of an Adaptive Online Verbal Working Memory Training in Healthy Middle-Aged Adults. Frontiers in Aging Neuroscience, 2019, 11, 300.	3.4	14
1092	Visuospatial Neglect - a Theory-Informed Overview of Current and Emerging Strategies and a Systematic Review on the Therapeutic Use of Non-invasive Brain Stimulation. Neuropsychology Review, 2019, 29, 397-420.	4.9	17
1093	Editorial: Cognitive and Brain Aging: Interventions to Promote Well-Being in Old Age. Frontiers in Aging Neuroscience, 2019, 11, 268.	3.4	9
1094	The Emerging Empirical Science of Wisdom: Definition, Measurement, Neurobiology, Longevity, and Interventions. Harvard Review of Psychiatry, 2019, 27, 127-140.	2.1	60
1095	The Effect of Aging on Resting State Connectivity of Predefined Networks in the Brain. Frontiers in Aging Neuroscience, 2019, 11, 234.	3.4	130
1096	Asymmetrical subcortical plasticity entails cognitive progression in older individuals. Aging Cell, 2019, 18, e12857.	6.7	11
1097	Nutrient biomarkers shape individual differences in functional brain connectivity: Evidence from omega-3 PUFAs. Human Brain Mapping, 2019, 40, 1887-1897.	3.6	18



#	ARTICLE	IF	CITATIONS
1098	A Breakdown of Imagined Visuomotor Transformations and Its Neural Correlates in Young Elderly Subjects. <i>Cerebral Cortex</i> , 2019, 29, 1682-1696.	2.9	6
1100	Age-related changes in brain deactivation but not in activation after motor learning. <i>NeuroImage</i> , 2019, 186, 358-368.	4.2	28
1101	Impaired brain plasticity as a potential therapeutic target for treatment and prevention of dementia. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 21-28.	3.4	21
1102	Neurobiological effects of transcranial direct current stimulation in younger adults, older adults and mild cognitive impairment. <i>Neuropsychologia</i> , 2019, 125, 51-61.	1.6	33
1103	Age-related decline in emotional perspective-taking: Its effect on the late positive potential. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 109-122.	2.0	11
1104	Intrinsic neurocognitive network connectivity differences between normal aging and mild cognitive impairment are associated with cognitive status and age. <i>Neurobiology of Aging</i> , 2019, 73, 219-228.	3.1	28
1105	A new scale for assessing wisdom based on common domains and a neurobiological model: The San Diego Wisdom Scale (SD-WISE). <i>Journal of Psychiatric Research</i> , 2019, 108, 40-47.	3.1	65
1106	The impact of physical activity and sex differences on intraindividual variability in inhibitory performance in older adults. <i>Aging, Neuropsychology, and Cognition</i> , 2019, 26, 1-23.	1.3	15
1107	More expertise for a better perspective: Task and strategy-driven adaptive neurofunctional reorganization for word production in high-performing older adults. <i>Aging, Neuropsychology, and Cognition</i> , 2019, 26, 190-221.	1.3	9
1108	Differential Age Effects of Transcranial Direct Current Stimulation on Associative Memory. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2019, 74, 1163-1173.	3.9	61
1109	Do attentional capacities and processing speed mediate the effect of age on executive functioning?. <i>Aging, Neuropsychology, and Cognition</i> , 2019, 26, 282-317.	1.3	4
1110	The control of amplitude and direction in a bimanual coordination task. <i>Human Movement Science</i> , 2019, 65, 111-120.	1.4	6
1111	Manual asymmetry in older adults on a complex coincidence-anticipation task. <i>Laterality</i> , 2019, 24, 26-37.	1.0	0
1112	Mnemonic strategy training increases neocortical activation in healthy older adults and patients with mild cognitive impairment. <i>International Journal of Psychophysiology</i> , 2020, 154, 27-36.	1.0	18
1113	Functional brain changes associated with cognitive training in healthy older adults: A preliminary ALE meta-analysis. <i>Brain Imaging and Behavior</i> , 2020, 14, 1247-1262.	2.1	37
1114	Are age-related deficits in route learning related to control of visual attention?. <i>Psychological Research</i> , 2020, 84, 1473-1484.	1.7	17
1115	Age-related changes in the allocation of spatially directed focal attention. <i>Aging, Neuropsychology, and Cognition</i> , 2020, 27, 748-764.	1.3	4
1116	Age-Related Differences in Functional Asymmetry During Memory Retrieval Revisited: No Evidence for Contralateral Overactivation or Compensation. <i>Cerebral Cortex</i> , 2020, 30, 1129-1147.	2.9	12

#	ARTICLE	IF	CITATIONS
1117	A Framework for Choosing Technology Interventions to Promote Successful Longevity: Prevent, Rehabilitate, Augment, Substitute (PRAS). <i>Gerontology</i> , 2020, 66, 169-175.	2.8	4
1118	Age-related differences in brain activation during working memory updating: An fMRI study. <i>Neuropsychologia</i> , 2020, 138, 107335.	1.6	19
1119	How aging affects the premotor control of lower limb movements in simulated gait. <i>Human Brain Mapping</i> , 2020, 41, 1889-1903.	3.6	9
1120	Competition for limited neural resources in older adults leads to greater asymmetry of bilateral movements than in young adults. <i>Journal of Neurophysiology</i> , 2020, 123, 1295-1304.	1.8	8
1121	Longitudinal evidence that reduced hemispheric encoding/retrieval asymmetry predicts episodic-memory impairment in aging. <i>Neuropsychologia</i> , 2020, 137, 107329.	1.6	12
1122	High-definition transcranial direct current stimulation dissociates fronto-visual theta lateralization during visual selective attention. <i>Journal of Physiology</i> , 2020, 598, 987-998.	2.9	14
1123	Brain compensation during visuospatial working memory in premanifest Huntington's disease. <i>Neuropsychologia</i> , 2020, 136, 107262.	1.6	3
1124	Right-hemispheric Dominance in Self-body Recognition is Altered in Left-handed Individuals. <i>Neuroscience</i> , 2020, 425, 68-89.	2.3	17
1125	Cerebrovascular function during cognition in Parkinson's disease: A functional transcranial Doppler sonography study. <i>Journal of the Neurological Sciences</i> , 2020, 408, 116578.	0.6	9
1126	Resting-State Functional Connectivity: Signal Origins and Analytic Methods. <i>Neuroimaging Clinics of North America</i> , 2020, 30, 15-23.	1.0	32
1127	Which cognitive functions subserve clustering and switching in category fluency? Generalisations from an extended set of semantic categories using linear mixed-effects modelling. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 2132-2147.	1.1	9
1128	Aging-related changes in cortical mechanisms supporting postural control during base of support and optic flow manipulations. <i>European Journal of Neuroscience</i> , 2021, 54, 8139-8157.	2.6	17
1129	Effects of incidental physical activity on morphosyntactic processing in aging. <i>PLoS ONE</i> , 2020, 15, e0239727.	2.5	2
1130	Exaggerated cortical representation of speech in older listeners: mutual information analysis. <i>Journal of Neurophysiology</i> , 2020, 124, 1152-1164.	1.8	18
1131	No Effect of Anodal tDCS on Verbal Episodic Memory Performance and Neurotransmitter Levels in Young and Elderly Participants. <i>Neural Plasticity</i> , 2020, 2020, 1-15.	2.2	9
1132	Biological and environmental predictors of heterogeneity in neurocognitive ageing. <i>Ageing Research Reviews</i> , 2020, 64, 101184.	10.9	78
1133	Stimulating aged brains with transcranial direct current stimulation: Opportunities and challenges. <i>Psychiatry Research - Neuroimaging</i> , 2020, 306, 111179.	1.8	21
1134	Electrophysiological correlates of the Categorization Working Memory Span task in older adults. <i>Behavioural Brain Research</i> , 2020, 393, 112809.	2.2	2

#	ARTICLE	IF	CITATIONS
1135	Shedding Light on the Effects of Moderate Acute Exercise on Working Memory Performance in Healthy Older Adults: An fNIRS Study. <i>Brain Sciences</i> , 2020, 10, 813.	2.3	11
1136	Post-stroke object affordances: An EEG investigation. <i>Brain and Cognition</i> , 2020, 146, 105639.	1.8	3
1137	Neural Generators Underlying Temporal Envelope Processing Show Altered Responses and Hemispheric Asymmetry Across Age. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 596551.	3.4	13
1138	Graph Theory Analysis Reveals Resting-State Compensatory Mechanisms in Healthy Aging and Prodromal Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 576627.	3.4	34
1139	The Aging Brain and Executive Functions Revisited: Implications from Meta-analytic and Functional-Connectivity Evidence. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 1716-1752.	2.3	18
1140	Wearable device adoption among older adults: A mixed-methods study. <i>International Journal of Information Management</i> , 2020, 55, 102209.	17.5	58
1141	Age-related decline in interhemispheric transfer of tactile information: The fingertip cross-localization task. <i>Journal of Clinical Neuroscience</i> , 2020, 77, 75-80.	1.5	1
1142	Maintenance vs. Manipulation in Auditory Verbal Working Memory in the Elderly: New Insights Based on Temporal Dynamics of Information Processing in the Millisecond Time Range. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 194.	3.4	14
1143	Decoding Hearing-Related Changes in Older Adults' Spatiotemporal Neural Processing of Speech Using Machine Learning. <i>Frontiers in Neuroscience</i> , 2020, 14, 748.	2.8	12
1144	Working memory updating training promotes plasticity & behavioural gains: A systematic review & meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 209-235.	6.1	19
1145	Education and Cognitive Functioning Across the Life Span. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2020, 21, 6-41.	10.7	397
1146	Dual Tasks as an Indicator of the Characteristics of Cognitive Deficit in Patients after Craniocerebral Trauma. <i>Neuroscience and Behavioral Physiology</i> , 2020, 50, 546-551.	0.4	2
1147	Interaction between Cognitive Reserve and Biomarkers in Alzheimer Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6279.	4.1	10
1148	Structural Neural Correlates of Double Decision Performance in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 278.	3.4	14
1149	Tau-Mediated Dysregulation of Neuroplasticity and Glial Plasticity. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 151.	2.9	11
1150	Cognitive aging and verbal labeling in continuous visual memory. <i>Memory and Cognition</i> , 2020, 48, 1196-1213.	1.6	8
1151	Shaky scaffolding: Age differences in cerebellar activation revealed through activation likelihood estimation <sc>meta-analysis</sc>. <i>Human Brain Mapping</i> , 2020, 41, 5255-5281.	3.6	18
1152	Hemifield-specific control of spatial attention and working memory: Evidence from hemifield crossover costs. <i>Journal of Vision</i> , 2020, 20, 24.	0.3	6

#	ARTICLE	IF	CITATIONS
1153	Cognitively supernormal older adults maintain a unique structural connectome that is resistant to Alzheimer's pathology. <i>NeuroImage: Clinical</i> , 2020, 28, 102413.	2.7	6
1154	Approximate Entropy of Brain Network in the Study of Hemispheric Differences. <i>Entropy</i> , 2020, 22, 1220.	2.2	20
1155	Optimising Cognitive Enhancement: Systematic Assessment of the Effects of tDCS Duration in Older Adults. <i>Brain Sciences</i> , 2020, 10, 304.	2.3	7
1156	Outcomes of Randomized Clinical Trials of Interventions to Enhance Social, Emotional, and Spiritual Components of Wisdom. <i>JAMA Psychiatry</i> , 2020, 77, 925.	11.0	54
1157	Impaired Multisensory Integration Predisposes the Elderly People to Fall: A Systematic Review. <i>Frontiers in Neuroscience</i> , 2020, 14, 411.	2.8	27
1158	Effects of aging on event-related potentials to single-cycle binaural beats and diotic amplitude modulation of a tone. <i>Brain Research</i> , 2020, 1740, 146849.	2.2	2
1159	Moving from Humanities to Sciences: A New Model of Wisdom Fortified by Sciences of Neurobiology, Medicine, and Evolution. <i>Psychological Inquiry</i> , 2020, 31, 134-143.	0.9	11
1160	Speaking of aging: Changes in gray matter asymmetry in Broca's area in later adulthood. <i>Cortex</i> , 2020, 129, 133-140.	2.4	5
1161	Meta-Analysis of Memory-Focused Training and Multidomain Interventions in Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 399-421.	2.6	8
1162	Disrupted Neural Synchrony Mediates the Relationship between White Matter Integrity and Cognitive Performance in Older Adults. <i>Cerebral Cortex</i> , 2020, 30, 5570-5582.	2.9	23
1163	Age-Related Alterations in Brain Perfusion, Venous Oxygenation, and Oxygen Metabolic Rate of Mice: A 17-Month Longitudinal MRI Study. <i>Frontiers in Neurology</i> , 2020, 11, 559.	2.4	13
1164	Time for a Systems Biological Approach to Cognitive Aging? A Critical Review. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 114.	3.4	16
1165	The Effects of Cognitive Training on Brain Network Activity and Connectivity in Aging and Neurodegenerative Diseases: a Systematic Review. <i>Neuropsychology Review</i> , 2020, 30, 267-286.	4.9	44
1166	Hemispheric asymmetry in the human brain and in Parkinson's disease is linked to divergent epigenetic patterns in neurons. <i>Genome Biology</i> , 2020, 21, 61.	8.8	40
1167	Age-Related Decreases in Interhemispheric Resting-State Functional Connectivity and Their Relationship With Executive Function. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 20.	3.4	22
1168	Laterality of Attentional Networks in Patients With Cerebral Small Vessel Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 21.	3.4	6
1169	Prevention of dementia in an ageing world: Evidence and biological rationale. <i>Ageing Research Reviews</i> , 2020, 64, 101045.	10.9	107
1170	Motor Planning of Vertical Arm Movements in Healthy Older Adults: Does Effort Minimization Persist With Aging?. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 37.	3.4	11

#	ARTICLE	IF	CITATIONS
1171	The Role of Resting-State Network Functional Connectivity in Cognitive Aging. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 177.	3.4	62
1172	Eyes wide shut: How visual cues affect brain patterns of simulated gait. <i>Human Brain Mapping</i> , 2020, 41, 4248-4263.	3.6	3
1173	Ankle control differentiation as a mechanism for mobility limitations. <i>Neuroscience Letters</i> , 2020, 732, 135085.	2.1	1
1174	Functional Connectivity within and beyond the Face Network Is Related to Reduced Discrimination of Degraded Faces in Young and Older Adults. <i>Cerebral Cortex</i> , 2020, 30, 6206-6223.	2.9	2
1175	Neurophysiological basis of manual force asymmetries in young and senior adults. <i>Laterality</i> , 2020, 25, 469-489.	1.0	1
1176	Bilingualism and aging: A focused neuroscientific review. <i>Journal of Neurolinguistics</i> , 2020, 54, 100890.	1.1	20
1177	Antipsychotic effects of sex hormones and atypical hemispheric asymmetries. <i>Cortex</i> , 2020, 127, 313-332.	2.4	5
1178	How Age, Cognitive Function and Gender Affect Bimanual Force Control. <i>Frontiers in Physiology</i> , 2020, 11, 245.	2.8	12
1179	The right visual field advantage for word processing is stronger in older adults. <i>Brain and Language</i> , 2020, 205, 104786.	1.6	5
1180	Task-Induced Functional Connectivity of Picture Naming in Healthy Aging: The Impacts of Age and Task Complexity. <i>Neurobiology of Language (Cambridge, Mass )</i> , 2020, 1, 161-184.	3.1	11
1181	Non-pharmacological treatment changes brain activity in patients with dementia. <i>Scientific Reports</i> , 2020, 10, 6744.	3.3	25
1182	Stronger right hemisphere functional connectivity supports executive aspects of language in older adults. <i>Brain and Language</i> , 2020, 206, 104771.	1.6	11
1183	The influence of contextual constraint on verbal selection mechanisms and its neural correlates in Parkinson's disease. <i>Brain Imaging and Behavior</i> , 2021, 15, 865-881.	2.1	2
1184	The Impact of the BAILAMOS's Dance Program on Brain Functional Connectivity and Cognition in Older Latino Adults: a Pilot Study. <i>Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice</i> , 2021, 5, 1-14.	1.6	10
1185	Asymmetrical Brain Plasticity: Physiology and Pathology. <i>Neuroscience</i> , 2021, 454, 3-14.	2.3	24
1186	Understanding brain resilience in superagers: a systematic review. <i>Neuroradiology</i> , 2021, 63, 663-683.	2.2	23
1187	A systematic review of cognitive event-related potentials in mild cognitive impairment and Alzheimer's disease. <i>Behavioural Brain Research</i> , 2021, 396, 112904.	2.2	38
1188	Neuroprotective Effects of Motherhood on Brain Function in Late Life: A Resting-State fMRI Study. <i>Cerebral Cortex</i> , 2021, 31, 1270-1283.	2.9	24

#	ARTICLE	IF	CITATIONS
1189	Functional Near-infrared Spectroscopy Reveals the Compensatory Potential of Pre-frontal Cortical Activity for Standing Balance in Young and Older Adults. <i>Neuroscience</i> , 2021, 452, 208-218.	2.3	29
1190	Structural complexity is negatively associated with brain activity: a novel multimodal test of compensation theories of aging. <i>Neurobiology of Aging</i> , 2021, 98, 185-196.	3.1	10
1191	Reconfiguration of Directed Functional Connectivity Among Neurocognitive Networks with Aging: Considering the Role of Thalamo-Cortical Interactions. <i>Cerebral Cortex</i> , 2021, 31, 1970-1986.	2.9	14
1192	Total GABA level in human auditory cortex is associated with speech-in-noise understanding in older age. <i>NeuroImage</i> , 2021, 225, 117474.	4.2	23
1193	Does Cue Focality Modulate Age-related Performance in Prospective Memory? An fMRI Investigation. <i>Experimental Aging Research</i> , 2021, 47, 1-20.	1.2	4
1194	Independent Contributions of Dorsolateral Prefrontal Structure and Function to Working Memory in Healthy Older Adults. <i>Cerebral Cortex</i> , 2021, 31, 1732-1743.	2.9	18
1195	Stimulus transformation into motor action: Dynamic graph analysis reveals a posterior-to-anterior shift in brain network communication of older subjects. <i>Human Brain Mapping</i> , 2021, 42, 1547-1563.	3.6	11
1196	Whole-Brain Dynamics in Aging: Disruptions in Functional Connectivity and the Role of the Rich Club. <i>Cerebral Cortex</i> , 2021, 31, 2466-2481.	2.9	29
1197	Interhemispheric differences in P1 and N1 amplitude in EEG and MEG differ across older individuals with a concussion compared with age-matched controls. <i>Psychophysiology</i> , 2021, 58, e13751.	2.4	3
1198	Increased functional connectivity supports language performance in healthy aging despite gray matter loss. <i>Neurobiology of Aging</i> , 2021, 98, 52-62.	3.1	21
1199	A Systematic Review of the Application of Functional Near-Infrared Spectroscopy to the Study of Cerebral Hemodynamics in Healthy Aging. <i>Neuropsychology Review</i> , 2021, 31, 139-166.	4.9	31
1200	Response initiation and inhibition and the relationship with fluid intelligence across the adult lifespan. <i>Archives of Clinical Neuropsychology</i> , 2021, 36, 231-242.	0.5	14
1201	Alterations in Diffusion Measures of White Matter Integrity Associated with Healthy Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 945-954.	3.6	23
1202	Age-related hearing loss associated with altered response efficiency and variability on a visual sustained attention task. <i>Aging, Neuropsychology, and Cognition</i> , 2021, 28, 1-25.	1.3	4
1203	Neuropsychologie altersassoziierter Veränderungen. , 2021, , 11-32.		0
1204	Memory: behavior and neural basis. , 2021, , 53-66.		0
1205	Neural correlates of episodic memory change in increasing age: a longitudinal event-related potential study. <i>NeuroReport</i> , 2021, 32, 268-273.	1.2	0
1206	Brain Asymmetry Detection and Machine Learning Classification for Diagnosis of Early Dementia. <i>Sensors</i> , 2021, 21, 778.	3.8	33

#	ARTICLE	IF	CITATIONS
1208	Acting Before; A Combined Strategy to Counteract the Onset and Progression of Dementia. Current Alzheimer Research, 2021, 17, 790-804.	1.4	5
1210	Executive functions and neurocognitive aging. , 2021, , 67-81.		11
1211	Age Differences of the Hierarchical Cognitive Control and the Frontal Rostroâ€Caudal Functional Brain Activation. Cerebral Cortex, 2022, 32, 2797-2815.	2.9	1
1213	Sex and gender differences in neuropsychological symptoms for clinical diagnosis of Alzheimerâ€™s disease. , 2021, , 163-185.		0
1214	Age-related effects on the neural processing of semantic complexity in a continuous narrative: Modulation by gestures already present in young to middle-aged adults. Neuropsychologia, 2021, 151, 107725.	1.6	4
1215	Disentangling the effects of age and mild traumatic brain injury on brain network connectivity: A resting state fMRI study. NeuroImage: Clinical, 2021, 29, 102534.	2.7	9
1216	Relationship between the Difference in Oxygenated Hemoglobin Concentration Changes in the Left and Right Prefrontal Cortex and Cognitive Function during Moderate-Intensity Aerobic Exercise. Applied Sciences (Switzerland), 2021, 11, 1643.	2.5	2
1217	Resting-state networks in the course of agingâ€”differential insights from studies across the lifespan vs. amongst the old. Pflugers Archiv European Journal of Physiology, 2021, 473, 793-803.	2.8	35
1218	Changes in prefrontal cortical activation during motor imagery of precision gait with age and task difficulty. Behavioural Brain Research, 2021, 399, 113046.	2.2	7
1219	Electroencephalography, Magnetoencephalography, and Cognitive Reserve: A Systematic Review. Archives of Clinical Neuropsychology, 2021, 36, 1374-1391.	0.5	11
1221	Deterioration, Compensation and Motor Control Processes in Healthy Aging, Mild Cognitive Impairment and Alzheimerâ€™s Disease. Geriatrics (Switzerland), 2021, 6, 33.	1.7	17
1222	Effects of acute stress on cognition in older versus younger adults.. Psychology and Aging, 2021, 36, 241-251.	1.6	9
1223	Microgravity effects on the human brain and behavior: Dysfunction and adaptive plasticity. Neuroscience and Biobehavioral Reviews, 2021, 122, 176-189.	6.1	45
1224	Neural Correlates of Motor Skill Learning Are Dependent on Both Age and Task Difficulty. Frontiers in Aging Neuroscience, 2021, 13, 643132.	3.4	11
1225	Cognitive Reserve and language processing demand in healthy older adults. Language, Cognition and Neuroscience, 2021, 36, 758-772.	1.2	5
1226	A Meta-Analysis of Line Bisection and Landmark Task Performance in Older Adults. Neuropsychology Review, 2022, 32, 438-457.	4.9	16
1227	The intensity and connectivity of spontaneous brain activity in a language network relate to aging and language. Neuropsychologia, 2021, 154, 107784.	1.6	7
1228	The Relationship Between Cognition and Cerebrovascular Reactivity: Implications for Task-Based fMRI. Frontiers in Physics, 2021, 9, .	2.1	14



#	ARTICLE	IF	CITATIONS
1229	Accrual of functional redundancy along the lifespan and its effects on cognition. <i>NeuroImage</i> , 2021, 229, 117737.	4.2	17
1230	Effects of Transcranial Direct Current Stimulation (tDCS) on Cognitive Performance and Cerebral Oxygen Hemodynamics: A Systematic Review. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 623315.	2.0	15
1231	Finding New Communities: A Principle of Neuronal Network Reorganization in Alzheimer's Disease. <i>Brain Connectivity</i> , 2021, 11, 225-238.	1.7	6
1232	Cortical Networks Underpinning Compensation of Verbal Fluency in Normal Aging. <i>Cerebral Cortex</i> , 2021, 31, 3832-3845.	2.9	12
1233	Event-Related Potentials, Inhibition, and Risk for Alzheimer's Disease Among Cognitively Intact Elders. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1413-1428.	2.6	8
1234	The Cognition and Flow Study: A Feasibility Randomized Controlled Trial of the Effects of Cognitive Training on Cerebral Blood Flow. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1567-1581.	2.6	4
1235	Functional brain changes associated with cognitive trajectories determine specific tDCS-induced effects among older adults. <i>Journal of Neuroscience Research</i> , 2021, 99, 2188-2200.	2.9	3
1236	GABA levels are differentially associated with bimanual motor performance in older as compared to young adults. <i>NeuroImage</i> , 2021, 231, 117871.	4.2	16
1237	Strategies and cognitive reserve to preserve lexical production in aging. <i>GeroScience</i> , 2021, 43, 1725-1765.	4.6	10
1238	The Effects of Amyloid and Tau on Functional Network Connectivity in Older Populations. <i>Brain Connectivity</i> , 2021, 11, 599-612.	1.7	7
1239	Organizing Variables Affecting fMRI Estimates of Language Dominance in Patients with Brain Tumors. <i>Brain Sciences</i> , 2021, 11, 694.	2.3	3
1241	Aging brain mechanics: Progress and promise of magnetic resonance elastography. <i>NeuroImage</i> , 2021, 232, 117889.	4.2	45
1242	Multimodal measurement approach to identify individuals with mild cognitive impairment: study protocol for a cross-sectional trial. <i>BMJ Open</i> , 2021, 11, e046879.	1.9	11
1243	Changes in theta and alpha oscillatory signatures of attentional control in older and middle age. <i>European Journal of Neuroscience</i> , 2021, 54, 4314-4337.	2.6	6
1244	Effects of White Matter Hyperintensities on Verbal Fluency in Healthy Older Adults and MCI/AD. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 614809.	3.4	3
1245	The organizational principles of de-differentiated topographic maps in somatosensory cortex. <i>ELife</i> , 2021, 10, .	6.0	13
1246	Age-related disintegration in functional connectivity: Evidence from Reference Ability Neural Network (RANN) cohort. <i>Neuropsychologia</i> , 2021, 156, 107856.	1.6	2
1247	Age-preserved semantic memory and the CRUNCH effect manifested as differential semantic control networks: An fMRI study. <i>PLoS ONE</i> , 2021, 16, e0249948.	2.5	4

#	ARTICLE	IF	CITATIONS
1248	Entropy modulation of electroencephalographic signals in physiological aging. <i>Mechanisms of Ageing and Development</i> , 2021, 196, 111472.	4.6	14
1250	Increased Global-Brain Functional Connectivity Is Associated with Dyslipidemia and Cognitive Impairment in First-Episode, Drug-Naive Patients with Bipolar Disorder. <i>Neural Plasticity</i> , 2021, 2021, 1-10.	2.2	4
1252	The neural“vascular basis of age“related processing speed decline. <i>Psychophysiology</i> , 2021, 58, e13845.	2.4	7
1254	Effects of dual-task interference on swallowing in healthy aging adults. <i>PLoS ONE</i> , 2021, 16, e0253550.	2.5	1
1255	Alternative language paradigms for functional magnetic resonance imaging as presurgical tools for inducing crossed cerebro-cerebellar language activations in brain tumor patients. <i>European Radiology</i> , 2022, 32, 300-307.	4.5	4
1256	How Do We Motorically Resonate in Aging? A Compensatory Role of Prefrontal Cortex. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 694676.	3.4	4
1257	Mitostasis, Calcium and Free Radicals in Health, Aging and Neurodegeneration. <i>Biomolecules</i> , 2021, 11, 1012.	4.0	37
1259	Ten-year resistance training background modulates somatosensory P3 cognitive brain resonse in older men: A magnetoencephalograpy study. <i>Experimental Gerontology</i> , 2021, 149, 111312.	2.8	0
1260	Customized Application of tDCS for Clinical Rehabilitation in Alzheimer's Disease. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 687968.	2.0	1
1261	Adaptive functions of neurobehavioral plasticity in language learning and processing. <i>LIA Language, Interaction and Acquisition</i> , 2021, 12, 20-53.	0.5	0
1262	Age-related changes in motor cortex plasticity assessed with non-invasive brain stimulation: an update and new perspectives. <i>Experimental Brain Research</i> , 2021, 239, 2661-2678.	1.5	11
1263	Bilateral age-related atrophy in the planum temporale is associated with vowel discrimination difficulty in healthy older adults. <i>Hearing Research</i> , 2021, 406, 108252.	2.0	3
1265	Age Differences in Multimodal Quantitative Sensory Testing and Associations With Brain Volume. <i>Innovation in Aging</i> , 2021, 5, igab033.	0.1	6
1266	Recognition Memory is Associated with Distinct Patterns of Regional Gray Matter Volumes in Young and Aged Monkeys. <i>Cerebral Cortex</i> , 2022, 32, 933-948.	2.9	4
1267	Age-Dependent Contribution of Domain-General Networks to Semantic Cognition. <i>Cerebral Cortex</i> , 2022, 32, 870-890.	2.9	19
1268	Neural Activation in Risky Decision-Making Tasks in Healthy Older Adults: A Meta-Analysis of fMRI Data. <i>Brain Sciences</i> , 2021, 11, 1043.	2.3	9
1269	The Impact of Context on EEG Motor Imagery Neurofeedback and Related Motor Domains. <i>Current Behavioral Neuroscience Reports</i> , 2021, 8, 90-101.	1.3	3
1270	Ageing and the Ipsilateral M1 BOLD Response: A Connectivity Study. <i>Brain Sciences</i> , 2021, 11, 1130.	2.3	4

#	ARTICLE	IF	CITATIONS
1271	Age-related differences in network structure and dynamic synchrony of cognitive control. <i>NeuroImage</i> , 2021, 236, 118070.	4.2	13
1272	Age-related Reductions in Manual Asymmetry with Increased Visuospatial Demands. <i>International Journal of Motor Control and Learning</i> , 2021, 3, 1-10.	0.0	0
1273	Characteristics of neural network changes in normal aging and early dementia: including the relationship between hearing loss and dementia.. <i>Audiology Japan</i> , 2021, 64, 279-288.	0.1	0
1274	Age- and gender-related differences in verbal semantic processing: the development of normative electrophysiological data in the Flemish population. <i>Language, Cognition and Neuroscience</i> , 0, , 1-27.	1.2	8
1275	Age-dependent modulation of motor network connectivity for skill acquisition, consolidation and interlimb transfer after motor practice. <i>Clinical Neurophysiology</i> , 2021, 132, 1790-1801.	1.5	2
1276	Auditory spatial attention gradients and cognitive control as a function of vigilance. <i>Psychophysiology</i> , 2021, 58, e13903.	2.4	1
1277	Event-related brain potentials reveal strategy selection in younger and older adults. <i>Biological Psychology</i> , 2021, 164, 108163.	2.2	5
1278	Selective auditory attention modulates cortical responses to sound location change in younger and older adults. <i>Journal of Neurophysiology</i> , 2021, 126, 803-815.	1.8	3
1279	Dynamic interplay of frontoparietal cholinergic innervation and cortical reorganization in the regulation of attentional capacities in aging. <i>Neurobiology of Aging</i> , 2021, 105, 186-198.	3.1	2
1280	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. <i>Healthcare (Switzerland)</i> , 2021, 9, 1250.	2.0	5
1281	Does Hemispheric Asymmetry Reduction in Older Adults in Motor Cortex Reflect Compensation?. <i>Journal of Neuroscience</i> , 2021, 41, 9361-9373.	3.6	21
1282	Visual Perceptual Load Attenuates Age-Related Audiovisual Integration in an Audiovisual Discrimination Task. <i>Frontiers in Psychology</i> , 2021, 12, 740221.	2.1	1
1283	Differential effects of estradiol on neural and emotional stress response in postmenopausal women with remitted Major Depressive Disorder. <i>Journal of Affective Disorders</i> , 2021, 293, 355-362.	4.1	5
1284	Right-left asymmetry in corticospinal tract microstructure and dexterity are uncoupled in late adulthood. <i>NeuroImage</i> , 2021, 240, 118405.	4.2	5
1285	History of Magnetic Resonance Imaging: A Trip Down Memory Lane. <i>Neuroscience</i> , 2021, 474, 3-13.	2.3	9
1286	Neurophysiological modulations in the (pre)motor-motor network underlying age-related increases in reaction time and the role of GABA levels â€” a bimodal TMS-MRS study. <i>NeuroImage</i> , 2021, 243, 118500.	4.2	9
1287	Small vessel disease disrupts EEG postural brain networks in â€”unexplained dizziness in the elderlyâ€™. <i>Clinical Neurophysiology</i> , 2021, 132, 2751-2762.	1.5	10
1288	Regularity and randomness in ageing: Differences in resting-state EEG complexity measured by largest Lyapunov exponent. <i>NeuroImage Reports</i> , 2021, 1, 100054.	1.0	6

#	ARTICLE	IF	CITATIONS
1289	Cerebellar Dentate Connectivity across Adulthood: A Large-Scale Resting State Functional Connectivity Investigation. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab050.	1.6	9
1291	Neuronale Plastizität bei gesundem und pathologischem Altern. , 2010, , 41-65.		4
1292	Gonadal steroid hormones™ influence on reward and decision-making processes. , 2009, , 307-334.		2
1293	Effects of Age and Gender. , 2001, , 167-174.		6
1294	Supine posture affects cortical plasticity in elderly but not young women during a word learning-recognition task. <i>Biological Psychology</i> , 2017, 127, 180-190.	2.2	6
1295	Older adults benefit from more widespread brain network integration during working memory. <i>NeuroImage</i> , 2020, 218, 116959.	4.2	20
1296	Unmasking the relevance of hemispheric asymmetriesâ€”Break on through (to the other side). <i>Progress in Neurobiology</i> , 2020, 192, 101823.	5.7	29
1298	The Montreal Cognitive Assessment (MoCA) and Brain Structure. <i>GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry</i> , 2020, 33, 101-114.	0.5	4
1299	Inefficient Encoding as an Explanation for Age-Related Deficits in Recollection-Based Processing. <i>Journal of Psychophysiology</i> , 2014, 28, 148-161.	0.7	25
1300	EEG Frequency Characteristics in Healthy Advanced Elderly. <i>Journal of Psychophysiology</i> , 2018, 32, 131-139.	0.7	9
1301	Memory Processes, Aging, Cognitive Decline, and Neurodegenerative Diseases. <i>European Psychologist</i> , 2006, 11, 304-311.	3.1	7
1302	Aging and attentional guidance during visual search: Functional neuroanatomy by positron emission tomography.. <i>Psychology and Aging</i> , 2002, 17, 24-43.	1.6	44
1303	Differences in the functional neuroanatomy of inhibitory control across the adult life span.. <i>Psychology and Aging</i> , 2002, 17, 56-71.	1.6	167
1304	The effects of encoding task on age-related differences in the functional neuroanatomy of face memory.. <i>Psychology and Aging</i> , 2002, 17, 7-23.	1.6	73
1305	Default mode network and later-life emotion regulation: Linking functional connectivity patterns and emotional outcomes.. , 2016, , 9-29.		9
1306	Developmental trajectory of pseudoneglect in adults using the greyscales task.. <i>Developmental Psychology</i> , 2016, 52, 1937-1943.	1.6	12
1307	Lexical frequency affects functional activation and accuracy in picture naming among older and younger adults.. <i>Psychology and Aging</i> , 2020, 35, 536-552.	1.6	13
1308	Intraindividual variability in neural activity in the prefrontal cortex during active walking in older adults.. <i>Psychology and Aging</i> , 2020, 35, 1201-1214.	1.6	9

#	ARTICLE	IF	CITATIONS
1309	Cognitive reserve moderates older adults' memory errors in an autobiographical reality monitoring task.. Psychology and Neuroscience, 2019, 12, 247-256.	0.8	4
1310	Effects of Auditory and Cognitive Aging on Communication. Perspectives on Hearing and Hearing Disorders Research and Research Diagnostics, 2006, 10, 10.	0.4	1
1311	Audition and Cognition: Where Lab Meets Clinic. ASHA Leader, 2008, 13, 14-17.	0.1	3
1312	How aging and bilingualism influence language processing. Linguistic Approaches To Bilingualism, 2016, 6, 9-42.	0.9	25
1313	Emotion lateralisation: developments throughout the lifespan. Laterality, 2012, 17, 389-411.	1.0	13
1314	The Relationship Between Brain Activity, Cognitive Performance, and Aging. , 2004, , 132-154.		13
1315	Age-Related Changes in Hemispheric Organization. , 2004, , 325-353.		19
1316	2 Methodological and Conceptual Issues in the Study of the Aging Brain. , 2009, , 11-26.		3
1317	Neural Dedifferentiation across the Lifespan in the Motor and Somatosensory Systems. Cerebral Cortex, 2020, 30, 3704-3716.	2.9	38
1318	Following Instructions in Working Memory: Do Older Adults Show the Enactment Advantage?. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, 703-710.	3.9	4
1319	Intentional and Incidental Self-Control in Ventrolateral Prefrontal Cortex. , 2013, , 417-440.		20
1320	Transcranial stimulation over the left inferior frontal gyrus increases false alarms in an associative memory task in older adults. Healthy Aging Research, 2016, 5, 1-10.	0.3	1
1331	The adaptive aging brain: evidence from the preservation of communication abilities with age. European Journal of Neuroscience, 2013, 37, 1887-1895.	2.6	34
1332	Priming and sentence context support listening to noise-vocoded speech by younger and older adults. , 0, .		1
1333	The Contribution of Functional Brain Imaging to Our Understanding of Cognitive Aging. Science of Aging Knowledge Environment: SAGE KE, 2003, 2003, 2pe-2.	0.8	10
1334	All in Your Mind. Science of Aging Knowledge Environment: SAGE KE, 2003, 2003, 3ns-3.	0.8	1
1335	White Matter Changes Compromise Prefrontal Cortex Function in Healthy Elderly Individuals. Journal of Cognitive Neuroscience, 2006, 18, 418-429.	2.3	108
1337	Effects of Different Cognitive Trainings on Amnesic Mild Cognitive Impairment in the Elderly: A One-Year Longitudinal Functional Magnetic Resonance Imaging (MRI) Study. Medical Science Monitor, 2018, 24, 5517-5527.	1.1	12

#	ARTICLE	IF	CITATIONS
1338	White Matter Changes and Word Finding Failures with Increasing Age. PLoS ONE, 2011, 6, e14496.	2.5	47
1339	Visual Personal Familiarity in Amnesic Mild Cognitive Impairment. PLoS ONE, 2011, 6, e20030.	2.5	6
1340	Same Modulation but Different Starting Points: Performance Modulates Age Differences in Inferior Frontal Cortex Activity during Word-Retrieval. PLoS ONE, 2012, 7, e33631.	2.5	45
1341	White Matter Differences between Healthy Young ApoE4 Carriers and Non-Carriers Identified with Tractography and Support Vector Machines. PLoS ONE, 2012, 7, e36024.	2.5	19
1342	Sexual Dimorphism in Healthy Aging and Mild Cognitive Impairment: A DTI Study. PLoS ONE, 2012, 7, e37021.	2.5	26
1343	Effects of Aging on Cerebral Oxygenation during Working-Memory Performance: A Functional Near-Infrared Spectroscopy Study. PLoS ONE, 2012, 7, e46210.	2.5	79
1344	A Longitudinal Study of Atrophy in Amnesic Mild Cognitive Impairment and Normal Aging Revealed by Cortical Thickness. PLoS ONE, 2012, 7, e48973.	2.5	51
1345	Age Differences in Neural Activity during Slot Machine Gambling: An fMRI Study. PLoS ONE, 2012, 7, e49787.	2.5	14
1346	The Relationship between Cerebral Glucose Metabolism and Age: Report of a Large Brain PET Data Set. PLoS ONE, 2012, 7, e51517.	2.5	47
1347	The Cognitive Control of Memory: Age Differences in the Neural Correlates of Successful Remembering and Intentional Forgetting. PLoS ONE, 2014, 9, e87010.	2.5	26
1348	Differences between Patterns of Brain Activity Associated with Semantics and Those Linked with Phonological Processing Diminish with Age. PLoS ONE, 2014, 9, e99710.	2.5	12
1349	Selective Vulnerability Related to Aging in Large-Scale Resting Brain Networks. PLoS ONE, 2014, 9, e108807.	2.5	42
1350	Neuropsychological and Brain Volume Differences in Patients with Left- and Right-Beginning Corticobasal Syndrome. PLoS ONE, 2014, 9, e110326.	2.5	10
1351	Age and Vascular Burden Determinants of Cortical Hemodynamics Underlying Verbal Fluency. PLoS ONE, 2015, 10, e0138863.	2.5	21
1352	Age-Related Changes in Electroencephalographic Signal Complexity. PLoS ONE, 2015, 10, e0141995.	2.5	74
1353	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.	2.5	6
1354	Age-related changes in hand dominance and functional asymmetry in older adults. PLoS ONE, 2017, 12, e0177845.	2.5	26
1355	Processing Metaphors in the Elderly: Does Valence Matter?. Psychology of Language and Communication, 2017, 21, 352-379.	0.6	1

#	ARTICLE	IF	CITATIONS
1359	Cognitive compensatory mechanisms in normal aging: a study on verbal fluency and the contribution of other cognitive functions. <i>Aging</i> , 2019, 11, 4090-4106.	3.1	26
1360	Righteousness (and lefteousness) of the old brain. <i>Aging</i> , 2019, 11, 4779-4780.	3.1	4
1361	Decreased inter-hemispheric interactions but increased intra-hemispheric integration during typical aging. <i>Aging</i> , 2019, 11, 10100-10115.	3.1	12
1362	Alterations of hand sensorimotor function and cortical motor representations over the adult lifespan. <i>Aging</i> , 2020, 12, 4617-4640.	3.1	8
1363	Cognitive reserve and network efficiency as compensatory mechanisms of the effect of aging on phonemic fluency. <i>Aging</i> , 2020, 12, 23351-23378.	3.1	8
1364	NEURAL CORRELATES MEDIATING AGE DIFFERENCES IN EPISODIC MEMORIES: EVIDENCE FROM BOLD CONTRASTS AND CONNECTIVITY ANALYSES. <i>Psychologia</i> , 2012, 55, 112-130.	0.3	7
1365	Functional correlates of brain aging: beta and gamma components of event-related band responses. <i>Acta Neurobiologiae Experimentalis</i> , 2016, 76, 98-109.	0.7	10
1366	Memory Impairments and Rehabilitation: Evidence-Based Effects of Approaches and Training Programs. <i>The Open Rehabilitation Journal</i> , 2015, 8, .	0.8	5
1367	Impacts of normal aging on different working memory tasks: implications from an fMRI study. <i>Behavioural Neurology</i> , 2013, 27, 235-44.	2.1	4
1368	Age-related frontal hyperactivation observed across different working memory tasks: an fMRI study. <i>Behavioural Neurology</i> , 2012, 25, 351-61.	2.1	12
1370	Développement intellectuel au cours du cycle de vie : sources de variabilité et niveaux d'analyse. <i>Année Psychologique</i> , 2008, 108, 757.	0.3	5
1371	Effects of noise and mental task performance upon changes in cerebral blood flow parameters. <i>Noise and Health</i> , 2015, 17, 422.	0.5	2
1372	Pragmatic Language Changes During Normal Aging: Implications for Health Care. <i>Healthy Aging &amp; Clinical Care in the Elderly</i> , 0, 7, 1-7.	0.7	15
1373	Task-related brain oscillations in normal aging. <i>Health</i> , 2012, 04, 762-768.	0.3	4
1374	Motivation, Emotion, and Cognition. , 0, , .		135
1375	Neural regions associated with gain-loss frequency and average reward in older and younger adults. <i>Neurobiology of Aging</i> , 2021, 109, 247-258.	3.1	0
1376	Functional (un-)Coupling: Impairment, Compensation, and Future Progression in Alzheimer's Disease. <i>Clinical EEG and Neuroscience</i> , 2021, , 155005942110522.	1.7	0
1377	Level of processing's effect on episodic retrieval following traumatic brain injury in the elderly: An event-related potential study. <i>Brain and Cognition</i> , 2021, 154, 105805.	1.8	0



#	ARTICLE	IF	CITATIONS
1378	Dem Geist auf der Spur: Neurokognitive Methoden zur Messung von Lern- und Gedächtnisprozessen. , 2006, , 71-86.		2
1381	fMRI of Memory in Aging and Dementia. , 2010, , 161-182.		0
1383	Functional MRI Studies of Memory in Aging, Mild Cognitive Impairment, and Alzheimer's Disease. , 2011, , 419-453.		0
1384	Neuropsicología del envejecimiento y las demencias. , 2011, , 257-e50.		0
1385	Intervención comunicativa y lingüística en el envejecimiento. , 2011, , 333-e56.		0
1386	Decision-Making Strategies and Performance Among Seniors. SSRN Electronic Journal, 0, , .	0.4	1
1388	La stimolazione cerebrale come strumento di intervento per i problemi mnestici dell'anziano: stato dell'arte e prospettive future. Ricerche Di Psicologia, 2013, , 257-273.	0.1	0
1389	Neuroimaging of Attention. , 2014, , 829-889.		0
1390	A CONFLICT/CONTROL-LOOP HYPOTHESIS OF HEMISPHERIC BRAIN RESERVE CAPACITY. , 2014, , .		0
1391	Estimulación cerebral no invasiva, redes neuronales y diferencias individuales moduladoras. , 2014, , 41-54.		0
1392	PROCESAMIENTO DE CLÁUSULAS RELATIVAS ANIDADAS, MEMORIA OPERATIVA Y ENVEJECIMIENTO. RLA Revista De Lingüística Teórica Y Aplicada, 2014, 52, 155-179.	0.3	3
1393	Age-Related Glucose Metabolism Changes in Brain. Lecture Notes in Computational Vision and Biomechanics, 2015, , 157-196.	0.5	0
1394	Left-Handers and the Right Mind. , 2016, , 51-69.		0
1395	Exploring the effect of embodied aging and time horizon perspective on persuasion: Focusing on goal pursuit and message type. The Korean Journal of Consumer and Advertising Psychology, 2016, 17, 331-355.	0.2	0
1400	White matter asymmetries in patients with cerebral small vessel disease. Journal of Integrative Neuroscience, 2018, 17, 159-167.	1.7	2
1404	Age Related Changes in Attentional Bias Triggered by Gaze Cues. Journal of Behavioral and Brain Science, 2019, 09, 395-405.	0.5	0
1407	Factors Affecting Quality of Communication Life in Older Adults: Focused on the Relationship with Quality of Life, Cognition, and Psychoemotional Aspects. Audiology and Speech Research, 2019, 15, 232-240.	0.3	4
1412	Neuroscience of Aging. , 2020, , 1-7.		0

#	ARTICLE	IF	CITATIONS
1414	Cognitive Compensatory Mechanisms. , 2020, , 1-4.		0
1416	Neurophysiological markers of prospective memory and working memory in typical ageing and mild cognitive impairment. Clinical Neurophysiology, 2021, 133, 111-125.	1.5	6
1418	Cognitive fatigue in young, middle-aged, and older: Breaks as a way to recover. Applied Psychology, 2022, 71, 1565-1597.	7.1	7
1419	Bilingualism contributes to reserve and working memory efficiency: Evidence from structural and functional neuroimaging. Neuropsychologia, 2021, 163, 108071.	1.6	13
1420	tES in Dementia: From Pathophysiology to Treatment. , 2020, , 319-338.		0
1421	White matter pathways underlying Chinese semantic and phonological fluency in mild cognitive impairment. Neuropsychologia, 2020, 149, 107671.	1.6	6
1422	Centenarians as Models of Resistance and Resilience to Alzheimer's Disease and Related Dementias. Advances in Geriatric Medicine and Research, 2020, 2, .	0.6	8
1423	Aging, Hearing Loss, and Listening Effort: Imaging Studies of the Aging Listener. Springer Handbook of Auditory Research, 2020, , 231-256.	0.7	5
1425	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
1427	Digit Force Controls and Corresponding Brain Activities in Finger Pressing Performance: A Comparison Between Older Adults and Young Individuals. Journal of Aging and Physical Activity, 2020, 28, 94-103.	1.0	0
1428	Resting State Networks Related to the Maintenance of Good Cognitive Performance During Healthy Aging. Frontiers in Human Neuroscience, 2021, 15, 753836.	2.0	1
1429	MEG activity of the dorsolateral prefrontal cortex during optic flow stimulations detects mild cognitive impairment due to Alzheimer's disease. PLoS ONE, 2021, 16, e0259677.	2.5	3
1430	Chapitre 15. Stratégies cognitives de structuration spatiale et processus compensatoires chez le travailleur vieillissant. , 0, , 289-307.		0
1431	Was ist das Alter(n) der Persönlichkeit? Eine Antwort aus verhaltenswissenschaftlicher Sicht. , 2008, , 83-94.		5
1432	Imaging Aging: Present and Future. , 0, , 308-326.		3
1437	Functional Dedifferentiation and Altered Connectivity in Older Adults: Neural Accounts of Cognitive Aging. , 2011, 2, 30-48.		91
1438	Validating age-related functional imaging changes in verbal working memory with acute stroke. Behavioural Neurology, 2011, 24, 187-99.	2.1	0
1439	Auditory event-related brain potentials for an early discrimination between normal and pathological brain aging. Neural Regeneration Research, 2013, 8, 1390-9.	3.0	11

#	ARTICLE	IF	CITATIONS
1440	Age-related increase in brain activity during task-related and -negative networks and numerical inductive reasoning. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 5960-7.	0.5	0
1441	Atrophy and lower regional perfusion of temporo-parietal brain areas are correlated with impairment in memory performances and increase of EEG upper alpha power in prodromal Alzheimer's disease. <i>American Journal of Neurodegenerative Disease</i> , 2015, 4, 13-27.	0.1	2
1444	<i>Neuroscience of Aging</i> , 2021, , 3465-3471.		0
1445	How the healthy ageing brain supports semantic binding during language comprehension. <i>European Journal of Neuroscience</i> , 2021, 54, 7899-7917.	2.6	4
1446	Differences in Diffusion Tensor Imaging White Matter Integrity Related to Verbal Fluency Between Young and Old Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 750621.	3.4	3
1447	Bimanual digit training improves right-hand dexterity in older adults by reactivating declined ipsilateral motor-cortical inhibition. <i>Scientific Reports</i> , 2021, 11, 22696.	3.3	8
1448	Neural mechanisms mediating cross education: With additional considerations for the ageing brain. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 260-288.	6.1	10
1449	Effect of Cognitive Control on Age-Related Positivity Effects in Attentional Processing “Evidence From an Event-Related Brain Potential Study. <i>Frontiers in Psychology</i> , 2021, 12, 755635.	2.1	1
1450	<i>Cognitive Compensatory Mechanisms</i> , 2021, , 1057-1061.		0
1451	The role of education in cognitive functions among middle-age and older patients with untreated obstructive sleep apnea. <i>Sleep Science</i> , 2021, 14, 319-329.	1.0	2
1452	<i>Working Memory</i> , 2021, , 5457-5463.		0
1453	Lexico-semantic access and audiovisual integration in the aging brain: Insights from mixed-effects regression analyses of event-related potentials. <i>Neuropsychologia</i> , 2022, 165, 108107.	1.6	0
1454	Dorsolateral prefrontal cortex mediates working memory processes in motor skill learning. <i>Psychology of Sport and Exercise</i> , 2022, 59, 102129.	2.1	3
1455	Exploration Électrophysiologique de la mémoire épisodique dans le vieillissement normal. <i>Annee Psychologique</i> , 2010, Vol. 110, 595-628.	0.3	0
1456	Brain-Predicted Age Difference Moderates the Association Between Muscle Strength and Mobility. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 808022.	3.4	4
1457	Reduced Interference and Serial Dependency Effects for Naming in Older but not Younger Adults after 1 Hz rTMS of Right Pars Triangularis. <i>Neurobiology of Language (Cambridge, Mass)</i> , 0, , 1-16.	3.1	0
1458	Functional near infrared spectroscopy activation during an executive function task differs between healthy older and younger adults. <i>Aging Brain</i> , 2022, 2, 100029.	1.3	1
1459	OUP accepted manuscript. <i>Cerebral Cortex</i> , 2022, , .	2.9	4

#	ARTICLE	IF	CITATIONS
1460	Inter- and Intra-Hemispheric Age-Related Remodeling in Visuo-Spatial Working Memory. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 807907.	3.4	3
1461	How the motor system copes with aging: a quantitative meta-analysis of the effect of aging on motor function control. <i>Communications Biology</i> , 2022, 5, 79.	4.4	17
1462	Does modified mobile government satisfy elders' needs? An empirical study of China's Zhejiang and Jiangxi provinces. <i>Government Information Quarterly</i> , 2022, 39, 101676.	6.8	14
1463	Functional near-infrared spectroscopy in the neuropsychological assessment of spatial memory: A systematic review. <i>Acta Psychologica</i> , 2022, 224, 103525.	1.5	11
1464	Increased prefrontal activity during usual walking in aging. <i>International Journal of Psychophysiology</i> , 2022, 174, 9-16.	1.0	6
1467	Influence of Physical Fitness on Age-Related Differences in Varieties of Cognitive Control: BOLD Modulations During Predictability, Switching, and Updating. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1468	The Contribution of Working Memory Areas to Verbal Learning and Recall in Primary Progressive Aphasia. <i>Frontiers in Neurology</i> , 2022, 13, 698200.	2.4	2
1469	Anodal Transcranial Direct Current Stimulation Over Prefrontal Cortex Slows Sequence Learning in Older Adults. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 814204.	2.0	6
1471	Motor reserve: How to build neuronal resilience against ageing and neurodegeneration?. <i>Revue Neurologique</i> , 2022, , .	1.5	6
1472	Altered Brain Functional Asymmetry in Patients With Major Depressive Disorder Related to Gastrointestinal Symptoms. <i>Frontiers in Neuroscience</i> , 2021, 15, 797598.	2.8	3
1474	Ear Asymmetry and Contextual Influences on Speech Perception in Hearing-Impaired Patients. <i>Frontiers in Neuroscience</i> , 2022, 16, 801699.	2.8	0
1475	Age-related reduction of hemispheric asymmetry by pigeons: A behavioral and FDG-PET imaging investigation of visual discrimination. <i>Learning and Behavior</i> , 2022, 50, 125-139.	1.0	2
1476	Overview of (f)MRI Studies of Cognitive Aging for Non-Experts: Looking through the Lens of Neuroimaging. <i>Life</i> , 2022, 12, 416.	2.4	2
1477	Differential effects of anodal and dual tDCS on sensorimotor functions in chronic hemiparetic stroke patients. <i>Brain Stimulation</i> , 2022, 15, 509-522.	1.6	7
1478	Musicianship-Related Structural and Functional Cortical Features Are Preserved in Elderly Musicians. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 807971.	3.4	7
1479	Effects of Cardiorespiratory Fitness on Cerebral Oxygenation in Healthy Adults: A Systematic Review. <i>Frontiers in Physiology</i> , 2022, 13, 838450.	2.8	5
1481	Bridging patterns of neurocognitive aging across the older adult lifespan. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104594.	6.1	6
1482	Impact of age, VR, immersion, and spatial resolution on classifier performance for a MI-based BCI. <i>Brain-Computer Interfaces</i> , 2022, 9, 169-178.	1.8	6

#	ARTICLE	IF	CITATIONS
1483	Editorial: Hemispheric Asymmetries in the Auditory Domain. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 892786.	2.0	0
1484	Neural sensitivity to semantic neighbors is stable across the adult lifespan. <i>Neuropsychologia</i> , 2022, 171, 108237.	1.6	4
1485	Changes in thumb tapping rates and central motor conduction times are associated in persons with multiple sclerosis. <i>Neurological Sciences</i> , 2022, 43, 4945-4951.	1.9	3
1486	The Effects of Total Sleep Deprivation on Attention Capture Processes in Young and Older Adults: An ERP Study. <i>Experimental Aging Research</i> , 2023, 49, 130-151.	1.2	1
1487	The flexibility of cognitive reserve in regulating the frontoparietal control network and cognitive function in subjects with white matter hyperintensities. <i>Behavioural Brain Research</i> , 2022, 425, 113831.	2.2	7
1488	Don't forget the little brain: A framework for incorporating the cerebellum into the understanding of cognitive aging. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104639.	6.1	15
1489	Task-domain and hemisphere-asymmetry effects in cisgender and transmale individuals. <i>PLoS ONE</i> , 2021, 16, e0260542.	2.5	1
1490	Effect of Heart Rate Reserve on Prefrontal Cortical Activation While Dual-Task Walking in Older Adults. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 47.	2.6	1
1491	Explainable Convolutional Neural Network to Investigate Age-Related Changes in Multi-Order Functional Connectivity. <i>Electronics (Switzerland)</i> , 2021, 10, 3020.	3.1	2
1492	Temporal Dynamics of Event-Related Potentials during Inhibitory Control Characterize Age-Related Neural Compensation. <i>Symmetry</i> , 2021, 13, 2323.	2.2	11
1493	Prediction in the Aging Brain: Merging Cognitive, Neurological, and Evolutionary Perspectives. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2022, 77, 1580-1591.	3.9	3
1501	Introduction to the special section on aging, cognition, and neuroimaging.. <i>Psychology and Aging</i> , 2002, 17, 3-6.	1.6	4
1502	Neural Mechanisms of Perceiving and Subsequently Recollecting Emotional Facial Expressions in Young and Older Adults. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1183-1204.	2.3	3
1504	Effect of Electro-Acupuncture on Lateralization of the Human Swallowing Motor Cortex Excitability by Navigation-Transcranial Magnetic Stimulation-Electromyography. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, 808789.	2.0	2
1506	Functional Brain Asymmetry and Menopausal Treatments: Is There a Link?. <i>Medicina (Lithuania)</i> , 2022, 58, 616.	2.0	0
1507	Profiling the Research Landscape on Cognitive Aging: A Bibliometric Analysis and Network Visualization. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 876159.	3.4	7
1508	The interaction between endogenous GABA, functional connectivity, and behavioral flexibility is critically altered with advanced age. <i>Communications Biology</i> , 2022, 5, 426.	4.4	3
1509	The Role of Cognitive Reserve in Executive Functioning and Its Relationship to Cognitive Decline and Dementia. , 0, , .		1

#	ARTICLE	IF	CITATIONS
1510	The multifaceted nature of language across adulthood. <i>Brain and Language</i> , 2022, 230, 105125.	1.6	0
1511	Abnormal EEG signal energy in the elderly: A wavelet analysis of event-related potentials during a stroop task. <i>Journal of Neuroscience Methods</i> , 2022, 376, 109608.	2.5	2
1512	Power shift and connectivity changes in healthy aging during resting-state EEG. <i>NeuroImage</i> , 2022, 256, 119247.	4.2	9
1513	Functional activation features of memory in successful agers across the adult lifespan. <i>NeuroImage</i> , 2022, 257, 119276.	4.2	8
1514	Association between responsiveness to transcranial magnetic stimulation and interhemispheric functional connectivity of sensorimotor cortex in older adults. <i>Brain Connectivity</i> , 0, , .	1.7	0
1515	Still Wanting to Win: Reward System Stability in Healthy Aging. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	1
1516	Examining Interhemispheric PFC Connectivity during AUD Abstinence with Multilevel Modeling. <i>Alcoholism Treatment Quarterly</i> , 2022, 40, 420-442.	0.8	0
1518	Aging-Related Dissociation of Spatial and Temporal N400 in Sentence-Level Semantic Processing: Evidence From Source Analyses. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	0
1519	Functional Connectivity Dynamics Altered of the Resting Brain in Subjective Cognitive Decline. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	6
1520	Virtual navigation in healthy aging: Activation during learning and deactivation during retrieval predicts successful memory for spatial locations. <i>Neuropsychologia</i> , 2022, 173, 108298.	1.6	0
1521	Neural correlates of working memory and compensation at different stages of cognitive impairment in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2022, 35, 103100.	2.7	6
1522	Comparing neural activity during autobiographical memory retrieval between younger and older adults: An ALE meta-analysis. <i>Neurobiology of Aging</i> , 2022, 119, 8-21.	3.1	4
1523	Horizons in Human Aging Neuroscience: From Normal Neural Aging to Mental (Fr)Agility. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	2.0	4
1524	Insights from auditory cortex for GABA+ magnetic resonance spectroscopy studies of aging. <i>European Journal of Neuroscience</i> , 2022, 56, 4425-4444.	2.6	2
1525	Effects of aging on functional connectivity in a neurodegenerative risk cohort: resting state versus task measurement using near-infrared spectroscopy. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
1526	Age-related no-go P300 amplitudes are moderated by exposure to early-life stress. <i>International Journal of Psychophysiology</i> , 2022, , .	1.0	1
1527	Architecture of normal cognitive aging. <i>Ageing Research Reviews</i> , 2022, 80, 101678.	10.9	1
1529	Inhibitory Control in Aging: The Compensation-Related Utilization of Neural Circuits Hypothesis. <i>Frontiers in Aging Neuroscience</i> , 0, 13, .	3.4	13

#	ARTICLE	IF	CITATIONS
1530	Task-based functional connectivity of the Useful Field of View (UFOV) fMRI task. <i>GeroScience</i> , 2023, 45, 293-309.	4.6	2
1531	Cortical neuroanatomical changes related to specific language impairments in primary progressive aphasia. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	0
1532	Age-related hearing loss is associated with alterations in temporal envelope processing in different neural generators along the auditory pathway. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	1
1533	Age-Related Differences of Cortical Topology Across the Adult Lifespan: Evidence From a Multisite <scp>MRI</scp> Study With 1427 Individuals. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 434-443.	3.4	5
1534	Motion, Relation, and Passion in Brain Physiological and Cognitive Aging. <i>Brain Sciences</i> , 2022, 12, 1122.	2.3	6
1537	Frontal Alpha Asymmetry and Negative Mood: A Cross-Sectional Study in Older and Younger Adults. <i>Symmetry</i> , 2022, 14, 1579.	2.2	0
1538	Aging effects on neural processing of rhythm and meter. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	2
1539	Are Mentalizing Systems Necessary? An Alternative Through Self-Other Distinction. <i>Review of Philosophy and Psychology</i> , 2024, 15, 29-49.	1.8	1
1540	The effect of ambiguous and unambiguous stimuli on target processing in less creative and more creative groups. <i>Neuropsychologia</i> , 2022, 175, 108355.	1.6	1
1541	Neuroplasticity and Adult Learning. <i>Springer International Handbooks of Education</i> , 2022, , 1-19.	0.1	2
1542	Prior knowledge shapes older adults' perception and memory for everyday events. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 2022, , .	1.1	0
1543	Hemispheric dissociations in regions supporting auditory sentence comprehension in older adults. <i>Aging Brain</i> , 2022, 2, 100051.	1.3	1
1544	Training Based on Multitasking - With a Specific Focus on Motor-Cognitive Multitasking. , 2022, , 347-397.		1
1545	The effect of co-dependent (thinking in motion [TIM]) versus single-modality (CogniFit) interventions on cognition and gait among community-dwelling older adults with cognitive impairment: a randomized controlled study. <i>BMC Geriatrics</i> , 2022, 22, .	2.7	4
1546	The effects of aging and musicianship on the use of auditory streaming cues. <i>PLoS ONE</i> , 2022, 17, e0274631.	2.5	0
1547	Theta activity in semantic priming under visual crowding as revealed by magnetoencephalography. <i>Neuroscience Research</i> , 2022, , .	1.9	0
1548	25 years of neurocognitive aging theories: What have we learned?. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	11
1549	Neural compensation in manifest neurodegeneration: systems neuroscience evidence from social cognition in frontotemporal dementia. <i>Journal of Neurology</i> , 0, , .	3.6	2



#	ARTICLE	IF	CITATIONS
1550	Age-related differences in the transient and steady state responses to different visual stimuli. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	3
1551	The functional connectivity of language network across the life span: Disentangling the effects of typical aging from Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	5
1552	tDCS over the primary motor cortex contralateral to the trained hand enhances cross-limb transfer in older adults. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	3
1553	The impact of aging on human brain network target controllability. <i>Brain Structure and Function</i> , 2022, 227, 3001-3015.	2.3	4
1554	Inter-hemispheric synchronicity and symmetry: The functional connectivity consequences of stroke and neurodegenerative disease. <i>NeuroImage: Clinical</i> , 2022, 36, 103263.	2.7	4
1555	Relationship of prefrontal brain lateralization to optimal cognitive function differs with age. <i>NeuroImage</i> , 2022, 264, 119736.	4.2	5
1556	Cognitive Performance following Single- or Multi-Session Exercise Intervention in Middle Age: A Systematic Review. <i>Experimental Aging Research</i> , 0, , 1-37.	1.2	0
1557	Speech silence character as a diagnostic biomarker of early cognitive decline and its functional mechanism: a multicenter cross-sectional cohort study. <i>BMC Medicine</i> , 2022, 20, .	5.5	5
1558	Hemispheric Asymmetries of Individual Differences in Functional Connectivity. <i>Journal of Cognitive Neuroscience</i> , 2023, 35, 200-225.	2.3	6
1559	Effects of age, sex, frailty and falls on cognitive and motor performance during dual-task walking in older adults. <i>Experimental Gerontology</i> , 2023, 171, 112022.	2.8	6
1560	Effects of age on the neural correlates of encoding source and item information: An fMRI study. <i>Neuropsychologia</i> , 2022, 177, 108415.	1.6	1
1561	Tai Chi practice enables prefrontal cortex bilateral activation and gait performance prioritization during dual-task negotiating obstacle in older adults. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	7
1562	The development of hand, foot, trunk, hearing, and visual lateral preference throughout the lifespan. <i>Neuropsychologia</i> , 2023, 178, 108444.	1.6	4
1563	Age- and sex-related differences in cortical morphology and their relationships with cognitive performance in healthy middle-aged and older adults. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, .	2.0	3
1564	Age Reduces Motor Asymmetry in a Graphic Task. <i>Lecture Notes in Computer Science</i> , 2022, , 227-239.	1.3	0
1565	Crossword Puzzles for Brain Training in Mild Cognitive Impairment. , 2022, 1, .		0
1566	Chronic effects of different exercise types on brain activity in healthy older adults and those with Parkinson's disease: A systematic review. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	1
1567	Neural Contributions to Reduced Fluid Intelligence across the Adult Lifespan. <i>Journal of Neuroscience</i> , 2023, 43, 293-307.	3.6	5

#	ARTICLE	IF	CITATIONS
1568	Audiovisual integration of the dynamic hand-held tool at different stimulus intensities in aging. <i>Frontiers in Human Neuroscience</i> , 0, 16, .	2.0	1
1569	Antioxidant Intervention to Improve Cognition in the Aging Brain: The Example of Hydroxytyrosol and Resveratrol. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15674.	4.1	11
1570	Toward an Understanding of Healthy Cognitive Aging: The Importance of Lifestyle in Cognitive Reserve and the Scaffolding Theory of Aging and Cognition. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2023, 78, 777-788.	3.9	11
1571	Age-related changes in midfrontal theta activity during steering control: A driving simulator study. <i>Neurobiology of Aging</i> , 2022, , .	3.1	2
1572	Aging alters across-hemisphere cortical dynamics during binaural temporal processing. <i>Frontiers in Neuroscience</i> , 0, 16, .	2.8	2
1573	The effect of age on delay performance and associative learning tasks in pigeons. <i>Learning and Behavior</i> , 2023, 51, 281-294.	1.0	1
1574	Cognitive function in older patients and their stress challenge using different anesthesia regimes: a single center observational study. <i>BMC Anesthesiology</i> , 2023, 23, .	1.8	3
1575	Anatomically interpretable deep learning of brain age captures domain-specific cognitive impairment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	21
1577	Neurocognition and Movement. , 2023, , 71-92.		0
1578	Task difficulty modulates age-related differences in functional connectivity during word production. <i>Brain and Language</i> , 2023, 240, 105263.	1.6	0
1579	Semantic cognition in healthy ageing: Neural signatures of representation and control mechanisms in naming typical and atypical objects. <i>Neuropsychologia</i> , 2023, 184, 108545.	1.6	0
1581	Left and Right Cortical Activity Arising from Preferred Walking Speed in Older Adults. <i>Sensors</i> , 2023, 23, 3986.	3.8	0
1582	Early- to late-life environmental factors and late-life global cognition in septuagenarian and octogenarians: The SONIC study. <i>Acta Psychologica</i> , 2023, 233, 103844.	1.5	1
1583	Aging effects on electrical and hemodynamic responses in the sensorimotor network during unilateral proximal upper limb functional tasks. <i>Behavioural Brain Research</i> , 2023, 443, 114322.	2.2	1
1584	The knowledge domain of cognitive neuroscience of aging: A Scientometric and bibliometric analysis. <i>Frontiers in Aging Neuroscience</i> , 0, 15, .	3.4	4
1585	Laterality in the Damaraland Mole-Rat: Insights from a Eusocial Mammal. <i>Animals</i> , 2023, 13, 627.	2.3	2
1586	Effects of aging on face processing: An ERP study of the own-age bias with neutral and emotional faces. <i>Cortex</i> , 2023, 161, 13-25.	2.4	1
1588	Widespread fMRI BOLD Signal Overactivations during Cognitive Control in Older Adults Are Not Matched by Corresponding Increases in fPET Glucose Metabolism. <i>Journal of Neuroscience</i> , 2023, 43, 2527-2536.	3.6	4

#	ARTICLE	IF	CITATIONS
1589	Age differences in the neural basis of decision-making under uncertainty. Cognitive, Affective and Behavioral Neuroscience, 2023, 23, 788-808.	2.0	1
1590	Using Cognitive Models to Understand and Counteract the Effect of Self-Induced Bias on Recommendation Algorithms. Journal of Artificial Intelligence and Soft Computing Research, 2023, 13, 73-94.	4.3	4
1591	Early motor skill acquisition in healthy older adults: brain correlates of the learning process. Cerebral Cortex, 2023, 33, 7356-7368.	2.9	1
1592	Investigating Compensatory Brain Activity in Older Adults with Subjective Cognitive Decline. Journal of Alzheimer's Disease, 2023, , 1-18.	2.6	1
1593	What do we know about the mechanisms of response planning in dialog?. Psychology of Learning and Motivation - Advances in Research and Theory, 2023, , 41-81.	1.1	0
1594	Neuroplasticity and Adult Learning. Springer International Handbooks of Education, 2023, , 763-781.	0.1	1
1595	Measuring Touch Sensitivity in an Aging Population. Neuromethods, 2023, , 251-265.	0.3	0
1596	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.	2.3	1
1597	Older adults compensate for switch, but not mixing costs, relative to younger adults on an intrinsically cued task switching experiment. Frontiers in Aging Neuroscience, 0, 15, .	3.4	0
1598	Substrats cÃ©rÃ©braux du dÃ©clin de l'activitÃ© cognitive Ã©pisodique: contrastes entre l'vieillesse normale et la maladie d'Alzheimer. , 2010, Volume 2, 114-123.	0.1	1
1599	SORL1 rs1699102 Moderates the Effect of Sex on Language Network. Journal of Alzheimer's Disease, 2023, , 1-13.	2.6	0
1601	Education differentiates cognitive performance and resting state fMRI connectivity in healthy aging. Frontiers in Aging Neuroscience, 0, 15, .	3.4	2
1602	Identifying biomarkers for tDCS treatment response in Alzheimer's disease patients: a machine learning approach using resting-state EEG classification. Frontiers in Human Neuroscience, 0, 17, .	2.0	1
1603	The influence of bilingualism on gray matter volume in the course of aging: a longitudinal study. Frontiers in Aging Neuroscience, 0, 15, .	3.4	0
1604	The differential effect of age on upper limb sensory processing, proprioception and motor function. Journal of Neurophysiology, 0, , .	1.8	0
1605	A distributed theta network of error generation and processing in aging. Cognitive Neurodynamics, 0, , .	4.0	1
1606	Lateralized brunt of sleep deprivation on white matter injury in a rat model of Alzheimer's disease. GeroScience, 2024, 46, 2295-2315.	4.6	0
1607	Structural brain morphometry differences and similarities between young patients with Crohn's disease in remission and healthy young and old controls. Frontiers in Neuroscience, 0, 18, .	2.8	0

#	ARTICLE	IF	CITATIONS
1608	Aging effects on dual-route speech processing networks during speech perception in noise. Human Brain Mapping, 2024, 45, .	3.6	1
1609	The aging trajectories of brain functional hierarchy and its impact on cognition across the adult lifespan. Frontiers in Aging Neuroscience, 0, 16, .	3.4	0
1610	Impaired motor inhibition during perceptual inhibition in older, but not younger adults: a psychophysiological study. Scientific Reports, 2024, 14, .	3.3	0
1611	Association of structural connectivity with functional brain network segregation in a middle-aged to elderly population. Frontiers in Aging Neuroscience, 0, 16, .	3.4	0
1612	Functional neuroplasticity of facilitation and interference effects on inhibitory control following 3-month physical exercise in aging. Scientific Reports, 2024, 14, .	3.3	0