## Effects of age on tissues and regions of the cerebrum an

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Citation Report

#	Article	IF	CITATIONS
2	Brain Volume Changes in First-Episode Schizophrenia. Archives of General Psychiatry, 2002, 59, 1002.	13.8	378
3	Smaller Frontal Gray Matter Volume in Postmortem Schizophrenic Brains. American Journal of Psychiatry, 2002, 159, 1983-1991.	4.0	82
4	Prevalence of Olfactory Impairment in Older Adults. JAMA - Journal of the American Medical Association, 2002, 288, 2307.	3.8	878
5	Subpopulation Brain Atlases. , 2002, , 757-796.		7
7	Psychophysiology: Event-Related Potentials and Psychophysics in Dementia. , 0, , 295-308.		0
8	Reduced hippocampal volume and total white matter volume in posttraumatic stress disorder. Biological Psychiatry, 2002, 52, 119-125.	0.7	333
9	Brain morphometry in female victims of intimate partner violence with and without posttraumatic stress disorder. Biological Psychiatry, 2002, 52, 1089-1101.	0.7	239
10	Regional Frontal Cortical Volumes Decrease Differentially in Aging: An MRI Study to Compare Volumetric Approaches and Voxel-Based Morphometry. NeuroImage, 2002, 17, 657-669.	2.1	345
11	The effects of normal aging on sleep spindle and K-complex production. Clinical Neurophysiology, 2002, 113, 1615-1622.	0.7	214
12	Ageing of the brain. Mechanisms of Ageing and Development, 2002, 123, 811-817.	2.2	156
13	The relationship of SMN to amyotrophic lateral sclerosis. Annals of Neurology, 2002, 52, 857-858.	2.8	7
16	Seizure-associated hippocampal volume loss: A longitudinal magnetic resonance study of temporal lobe epilepsy. Annals of Neurology, 2002, 52, 861-861.	2.8	107
18	Old age impairs the use of arbitrary visual cues for predictive control of fingertip forces during grasp. Experimental Brain Research, 2002, 143, 35-41.	0.7	75
19	The effects of alcoholism on auditory evoked potentials during sleep. Journal of Sleep Research, 2002, 11, 247-253.	1.7	28
20	FMRI brain activation in response to odors is reduced in primary olfactory areas of elderly subjects. Brain Research, 2003, 986, 39-53.	1.1	131
21	Marked loss of myelinated nerve fibers in the human brain with age. Journal of Comparative Neurology, 2003, 462, 144-152.	0.9	494
22	Increased brain white matter diffusivity in normal adult aging: Relationship to anisotropy and partial voluming. Magnetic Resonance in Medicine, 2003, 49, 953-961.	1.9	247
23	BOLD and Perfusion Response to Finger-Thumb Apposition after Acetazolamide Administration: Differential Relationship to Global Perfusion. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 829-837.	2.4	123

ATION RE

	CHATION	REPORT	
#	Article	IF	Citations
24	Mapping cortical change across the human life span. Nature Neuroscience, 2003, 6, 309-315.	7.1	2,037
25	Sexual dimorphism and asymmetries in the gray–white composition of the human cerebrum. NeuroImage, 2003, 18, 880-894.	2.1	364
26	A longitudinal study of brain morphometrics using quantitative magnetic resonance imaging and difference image analysis. NeuroImage, 2003, 20, 22-33.	2.1	154
27	The cerebellum and olfaction in the aging brain: a functional magnetic resonance imaging study. NeuroImage, 2003, 20, 12-21.	2.1	89
28	On the Involvement of Prefrontal Networks in Cognitive Ageing. Cortex, 2003, 39, 1107-1128.	1.1	228
29	Differential age-related changes in the regional metencephalic volumes in humans: a 5-year follow-up. Neuroscience Letters, 2003, 349, 163-166.	1.0	43
30	Diffusion tensor imaging in normal aging and neuropsychiatric disorders. European Journal of Radiology, 2003, 45, 244-255.	1.2	139
31	Aerobic Fitness Reduces Brain Tissue Loss in Aging Humans. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2003, 58, M176-M180.	1.7	777
32	Volume and Atrophy. , 0, , 533-558.		2
33	Dementia and ageing. British Medical Bulletin, 2003, 65, 159-168.	2.7	13
34	Reduced Writing and Reading Speed and Age-related Changes in Verbal Fluency Tasks. Clinical Neuropsychologist, 2003, 17, 203-215.	1.5	44
35	Temporal Dynamics of Brain Anatomy. Annual Review of Biomedical Engineering, 2003, 5, 119-145.	5.7	54
36	Regional Brain Atrophy Rate Predicts Future Cognitive Decline: 6-year Longitudinal MR Imaging Study of Normal Aging. Radiology, 2003, 229, 691-696.	3.6	253
37	Left hippocampal volume loss in Alzheimer's disease is reflected in performance on odor identification: A structural MRI study. Journal of the International Neuropsychological Society, 2003, 9, 459-471.	1.2	112
38	Neuropsychological deficits associated with Alzheimer's disease in the very-old: Discrepancies in raw vs. standardized scores. Journal of the International Neuropsychological Society, 2003, 9, 783-795.	1.2	36
39	Evidence for preserved emotional memory in normal older persons Emotion, 2003, 3, 239-253.	1.5	197
40	Accurate Template-Based Correction of Brain MRI Intensity Distortion With Application to Dementia and Aging. IEEE Transactions on Medical Imaging, 2004, 23, 99-110.	5.4	55
41	Timed Executive Functions and White Matter in Aging With and Without Cardiovascular Risk Factors. Reviews in the Neurosciences, 2004, 15, 439-62.	1.4	40

	CITATION	Report	
#	Article	IF	CITATIONS
42	Thinning of the Cerebral Cortex in Aging. Cerebral Cortex, 2004, 14, 721-730.	1.6	1,556
43	Mapping Changes in the Human Cortex throughout the Span of Life. Neuroscientist, 2004, 10, 372-392.	2.6	490
44	Predicting rtPA Associated ICH in Acute Stroke. Stroke, 2004, 35, 2762-2763.	1.0	1
45	ls Perimesencephalic Nonaneurysmal Hemorrhage of Venous Origin?. Stroke, 2004, 35, 2753-2754.	1.0	8
46	Aspirin for Stroke Prevention Taken in the Evening?. Stroke, 2004, 35, 2760-2762.	1.0	11
47	Frontal Lobe Volume, Function, and Â-Amyloid Pathology in a Canine Model of Aging. Journal of Neuroscience, 2004, 24, 8205-8213.	1.7	135
48	A Voxel-based Morphometric Study to Determine Individual Differences in Gray Matter Density Associated with Age and Cognitive Change Over Time. Cerebral Cortex, 2004, 14, 966-973.	1.6	235
49	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.	1.6	561
50	Surgery Versus Stenting: How Medical Device Makers Influence Patient Care. Stroke, 2004, 35, 2759-2760.	1.0	0
51	Differential aging of the medial temporal lobe. Neurology, 2004, 62, 433-438.	1.5	370
52	Size does matter in the long run. Neurology, 2004, 63, 1193-1197.	1.5	56
53	Memory and executive function in older adults: relationships with temporal and prefrontal gray matter volumes and white matter hyperintensities. Neuropsychologia, 2004, 42, 1313-1335.	0.7	185
54	Relationship between hippocampal volume and memory ability in healthy individuals across the lifespan: review and meta-analysis. Neuropsychologia, 2004, 42, 1394-1413.	0.7	523
55	Quantitative MR analyses of the hippocampus: Unspecific metabolic changes in aging. Journal of Neurology, 2004, 251, 1345-1353.	1.8	47
56	Imaging of dopamine transporters and D2 receptors in patients with Parkinson?s disease and multiple system atrophy. European Journal of Nuclear Medicine and Molecular Imaging, 2004, 31, 1631-1638.	3.3	81
57	Age-related changes in head and eye coordination. Neurobiology of Aging, 2004, 25, 1377-1377.	1.5	0
59	Smaller hippocampal volume in Dutch police officers with posttraumatic stress disorder. Biological Psychiatry, 2004, 56, 356-363.	0.7	176
60	Age-related changes in head and eye coordination. Neurobiology of Aging, 2004, 25, 1377-1385.	1.5	24

#	ARTICLE White matter mapping is needed. Neurobiology of Aging, 2004, 25, 37-39.	IF 1.5	Citations
62	The role of salience in localized attentional interference. Vision Research, 2004, 44, 1575-1588.	0.7	41
63	Putting our heads together: a consensus approach to brain/non-brain segmentation in T1-weighted MR volumes. NeuroImage, 2004, 22, 1262-1270.	2.1	59
64	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. NeuroImage, 2004, 23, S2-S18.	2.1	356
65	Differences between smokers and nonsmokers in regional gray matter volumes and densities. Biological Psychiatry, 2004, 55, 77-84.	0.7	351
66	Effects of age and sex on volumes of the thalamus, pons, and cortex. Neurobiology of Aging, 2004, 25, 185-192.	1.5	184
67	Aging, sexual dimorphism, and hemispheric asymmetry of the cerebral cortex: replicability of regional differences in volume. Neurobiology of Aging, 2004, 25, 377-396.	1.5	617
68	Hippocampal Volume Measurement in Older Adults With Bipolar Disorder. American Journal of Geriatric Psychiatry, 2004, 12, 613-620.	0.6	67
69	Nicotinamide Attenuates Focal Ischemic Brain Injury: Meta-Analysis or Mechanism of Protection. Stroke, 2004, 35, 2757-2758.	1.0	1
70	Contrast Ultrasound Techniques in the Detection and Quantification of Patent Foramen Ovale: Myth Versus Reality. Stroke, 2004, 35, 2755-2756.	1.0	7
71	ACE and Subarachnoid Hemorrhage: Strategies for Genetics of Stroke. Stroke, 2004, 35, 2752-2753.	1.0	3
72	Intravenous Magnesium for Neuroprotection in Acute Stroke: Clinical Hope Versus Basic Neuropharmacology. Stroke, 2004, 35, 2758-2759.	1.0	10
73	White Matter Hyperintensities: Pearls and Pitfalls in Interpretation of MRI Abnormalities. Stroke, 2004, 35, 2756-2757.	1.0	9
74	In vivo evidence of cerebellar atrophy and cerebral white matter loss in Huntington disease. Neurology, 2004, 63, 989-995.	1.5	152
75	Inhomogeneity Correction for Brain Magnetic Resonance Images by Rank Leveling. Journal of Computer Assisted Tomography, 2005, 29, 668-676.	0.5	2
76	The impact of irrelevant dimensional variation on rule-based category learning in patients with Parkinson's disease. Journal of the International Neuropsychological Society, 2005, 11, 503-13.	1.2	36
77	HIF-1alpha cytoplasmic accumulation is associated with cell death in old rat cerebral cortex exposed to intermittent hypoxia. Aging Cell, 2005, 4, 177-185.	3.0	59
78	Cerebral Damage in Epilepsy: A Population-based Longitudinal Quantitative MRI Study. Epilepsia, 2005, 46, 1482-1494.	2.6	114

#	Article	IF	CITATIONS
79	MR-based in vivo hippocampal volumetrics: 2. Findings in neuropsychiatric disorders. Molecular Psychiatry, 2005, 10, 160-184.	4.1	380
80	Quantitative Brain MRI in Alcohol Dependence: Preliminary Evidence for Effects of Concurrent Chronic Cigarette Smoking on Regional Brain Volumes. Alcoholism: Clinical and Experimental Research, 2005, 29, 1484-1495.	1.4	143
81	Effects of age, gender, and weight on the cerebellar volume of Korean people. Brain Research, 2005, 1042, 233-235.	1.1	33
82	Cortical volume and speed-of-processing are complementary in prediction of performance intelligence. Neuropsychologia, 2005, 43, 704-713.	0.7	58
83	The ability to decide advantageously declines prematurely in some normal older persons. Neuropsychologia, 2005, 43, 1099-1106.	0.7	268
84	Preservation of limbic and paralimbic structures in aging. Human Brain Mapping, 2005, 25, 391-401.	1.9	253
85	Age-related morphology trends of cortical sulci. Human Brain Mapping, 2005, 26, 210-220.	1.9	188
86	The aging brain: The cognitive reserve hypothesis and hominid evolution. American Journal of Human Biology, 2005, 17, 673-689.	0.8	54
87	Assessment of nutritional interventions for modification of age-associated cognitive decline using a canine model of human aging. Age, 2005, 27, 27-37.	3.0	33
88	Effects of Habitual Moderate Exercise on Response Processing and Cognitive Processing in Older Adults. The Japanese Journal of Physiology, 2005, 55, 29-36.	0.9	42
89	Frontal-Hippocampal Double Dissociation Between Normal Aging and Alzheimer's Disease. Cerebral Cortex, 2005, 15, 732-739.	1.6	140
90	Normative estimates of cross-sectional and longitudinal brain volume decline in aging and AD. Neurology, 2005, 64, 1032-1039.	1.5	469
91	Abnormal Cortical Complexity and Thickness Profiles Mapped in Williams Syndrome. Journal of Neuroscience, 2005, 25, 4146-4158.	1.7	265
92	Age does not increase rate of forgetting over weeks—Neuroanatomical volumes and visual memory across the adult life-span. Journal of the International Neuropsychological Society, 2005, 11, 2-15.	1.2	30
93	Effects of Methamphetamine Dependence and HIV Infection on Cerebral Morphology. American Journal of Psychiatry, 2005, 162, 1461-1472.	4.0	249
94	Neural Mechanisms Underlying Probabilistic Category Learning in Normal Aging. Journal of Neuroscience, 2005, 25, 11340-11348.	1.7	95
95	Hippocampal damage in newly diagnosed focal epilepsy. Neurology, 2005, 64, 62-68.	1.5	66
96	Mapping cortical gray matter in the young adult brain: Effects of gender. Neurolmage, 2005, 26, 493-501.	2.1	189

	CHAID	N REPORT	
#	Article	IF	CITATIONS
97	Age- and sex-related effects on the neuroanatomy of healthy elderly. NeuroImage, 2005, 26, 900-911.	2.1	257
98	Structural MRI and Brain Development. International Review of Neurobiology, 2005, 67, 285-323.	0.9	86
99	Brain volumes in healthy adults aged 40 years and over: a voxel-based morphometry study. Aging Clinical and Experimental Research, 2005, 17, 329-336.	1.4	54
100	Measures of brain morphology and infarction in the framingham heart study: establishing what is normal. Neurobiology of Aging, 2005, 26, 491-510.	1.5	588
101	Age-related metabolic changes in the upper brainstem tegmentum by MR spectroscopy. Neurobiology of Aging, 2005, 26, 1051-1059.	1.5	27
102	Preservation of hippocampal volume throughout adulthood in healthy men and women. Neurobiology of Aging, 2005, 26, 1093-1098.	1.5	97
103	Age-related alterations in white matter microstructure measured by diffusion tensor imaging. Neurobiology of Aging, 2005, 26, 1215-1227.	1.5	751
104	Changes in volume with age—consistency and interpretation of observed effects. Neurobiology of Aging, 2005, 26, 1271-1274.	1.5	104
105	Methods for studying the aging brain: Volumetric analyses versus VBM. Neurobiology of Aging, 2005, 26, 1275-1278.	1.5	157
106	Neuroanatomical aging: Universal but not uniform. Neurobiology of Aging, 2005, 26, 1279-1282.	1.5	93
107	Effects of age on volumes of cortex, white matter and subcortical structures. Neurobiology of Aging, 2005, 26, 1261-1270.	1.5	552
108	Normal neuroanatomical variation due to age: The major lobes and a parcellation of the temporal region. Neurobiology of Aging, 2005, 26, 1245-1260.	1.5	463
109	Aging, stress and the hippocampus. Ageing Research Reviews, 2005, 4, 123-140.	5.0	182
110	Regional Brain Changes in Aging Healthy Adults: General Trends, Individual Differences and Modifiers. Cerebral Cortex, 2005, 15, 1676-1689.	1.6	2,331
111	Increased intracranial volume in Parkinson's disease. Journal of the Neurological Sciences, 2005, 239, 45-52.	0.3	45
112	Deformation-based mapping of volume change from serial brain MRI in the presence of local tissue contrast change. IEEE Transactions on Medical Imaging, 2006, 25, 626-639.	5.4	142
113	Structure–Function Correlates of Cognitive Decline in Aging. Cerebral Cortex, 2006, 16, 907-915.	1.6	404
114	MRI-based volumetry of head compartments: Normative values of healthy adults. NeuroImage, 2006, 30, 1-11.	2.1	113

#	Article	IF	CITATIONS
115	Skull-stripping magnetic resonance brain images using a model-based level set. NeuroImage, 2006, 32, 79-92.	2.1	134
116	The Relationship Between Frontal Gray Matter Volume and Cognition Varies Across the Healthy Adult Lifespan. American Journal of Geriatric Psychiatry, 2006, 14, 823-833.	0.6	170
117	Regional White Matter and Neuropsychological Functioning across the Adult Lifespan. Biological Psychiatry, 2006, 60, 444-453.	0.7	147
118	Expression of D2 dopamine receptor in the mouse brain. Biochemical and Biophysical Research Communications, 2006, 344, 981-986.	1.0	12
119	Effects of gender, age, and body parameters on the ventricular volume of Korean people. Neuroscience Letters, 2006, 395, 155-158.	1.0	19
120	Cerebral cortex: An MRI-based study of volume and variance with age and sex. Journal of Clinical Neuroscience, 2006, 13, 60-72.	0.8	99
121	Age effects on atrophy rates of entorhinal cortex and hippocampus. Neurobiology of Aging, 2006, 27, 733-740.	1.5	191
122	Medial temporal lobe volume of nondemented elderly individuals with poor cognitive functions. Neurobiology of Aging, 2006, 27, 1269-1279.	1.5	22
123	The Rhesus Macaque as a Model of Human Aging and Age-Related Disease. , 2006, , 457-468.		4
125	Olfactory Impairment in Neuropsychiatric Disorders. , 2006, , 259-278.		1
125 126	Olfactory Impairment in Neuropsychiatric Disorders. , 2006, , 259-278. Neuropsychological and neuroimaging changes in preclinical Alzheimer's disease. Journal of the International Neuropsychological Society, 2006, 12, 707-735.	1,2	1 210
	Neuropsychological and neuroimaging changes in preclinical Alzheimer's disease. Journal of the	1.2 0.6	
126	Neuropsychological and neuroimaging changes in preclinical Alzheimer's disease. Journal of the International Neuropsychological Society, 2006, 12, 707-735. Regional network of magnetic resonance imaging gray matter volume in healthy aging. NeuroReport,		210
126 127	Neuropsychological and neuroimaging changes in preclinical Alzheimer's disease. Journal of the International Neuropsychological Society, 2006, 12, 707-735. Regional network of magnetic resonance imaging gray matter volume in healthy aging. NeuroReport, 2006, 17, 951-956. Longitudinal Brain Magnetic Resonance Imaging Study of the Alcohol-Preferring Rat. Part I: Adult	0.6	210 74
126 127 128	<ul> <li>Neuropsychological and neuroimaging changes in preclinical Alzheimer's disease. Journal of the International Neuropsychological Society, 2006, 12, 707-735.</li> <li>Regional network of magnetic resonance imaging gray matter volume in healthy aging. NeuroReport, 2006, 17, 951-956.</li> <li>Longitudinal Brain Magnetic Resonance Imaging Study of the Alcohol-Preferring Rat. Part I: Adult Brain Growth. Alcoholism: Clinical and Experimental Research, 2006, 30, 1234-1247.</li> <li>Longitudinal Brain Magnetic Resonance Imaging Study of the Alcohol-Preferring Rat. Part II: Effects of Voluntary Chronic Alcohol Consumption. Alcoholism: Clinical and Experimental Research, 2006, 30,</li> </ul>	0.6 1.4	210 74 43
126 127 128 129	Neuropsychological and neuroimaging changes in preclinical Alzheimer's disease. Journal of the International Neuropsychological Society, 2006, 12, 707-735.         Regional network of magnetic resonance imaging gray matter volume in healthy aging. NeuroReport, 2006, 17, 951-956.         Longitudinal Brain Magnetic Resonance Imaging Study of the Alcohol-Preferring Rat. Part I: Adult Brain Growth. Alcoholism: Clinical and Experimental Research, 2006, 30, 1234-1247.         Longitudinal Brain Magnetic Resonance Imaging Study of the Alcohol-Preferring Rat. Part I: Effects of Voluntary Chronic Alcohol Consumption. Alcoholism: Clinical and Experimental Research, 2006, 30, 1234-1247.         Improving Cognition and Function Through Exercise Intervention in Alzheimer's Disease. Journal of	0.6 1.4 1.4	210 74 43 24
126 127 128 129 130	Neuropsychological and neuroimaging changes in preclinical Alzheimer's disease. Journal of the International Neuropsychological Society, 2006, 12, 707-735.         Regional network of magnetic resonance imaging gray matter volume in healthy aging. NeuroReport, 2006, 17, 951-956.         Longitudinal Brain Magnetic Resonance Imaging Study of the Alcohol-Preferring Rat. Part I: Adult Brain Growth. Alcoholism: Clinical and Experimental Research, 2006, 30, 1234-1247.         Longitudinal Brain Magnetic Resonance Imaging Study of the Alcohol-Preferring Rat. Part I: Effects of Voluntary Chronic Alcohol Consumption. Alcoholism: Clinical and Experimental Research, 2006, 30, 1234-1247.         Improving Cognition and Function Through Exercise Intervention in Alzheimer's Disease. Journal of Nursing Scholarship, 2006, 38, 358-365.	0.6 1.4 1.4 1.1	<ul> <li>210</li> <li>74</li> <li>43</li> <li>24</li> <li>93</li> </ul>

#	Article	IF	CITATIONS
134	Topographic correspondence between white matter hyperintensities and brain atrophy. Journal of Neurology, 2006, 253, 919-927.	1.8	28
136	Age-related changes of structures in cerebellar cortex of cat. Journal of Biosciences, 2006, 31, 55-60.	0.5	52
137	Hippocampal volume in chronic posttraumatic stress disorder (PTSD): MRI study using two different evaluation methods. Journal of Affective Disorders, 2006, 94, 121-126.	2.0	84
138	The impact of normal aging and Parkinson's disease on response preparation in task-switching behavior. Brain Research, 2006, 1114, 173-182.	1.1	27
139	Does amygdalar perfusion correlate with antidepressant response to partial sleep deprivation in major depression?. Psychiatry Research - Neuroimaging, 2006, 146, 43-51.	0.9	56
140	Effects of cerebrovascular risk factors on gray matter volume in adults aged 60–64 years: A voxel-based morphometric study. Psychiatry Research - Neuroimaging, 2006, 147, 105-114.	0.9	35
141	Reduced hippocampal activation during episodic encoding in middle-aged individuals at genetic risk of Alzheimer's Disease: a cross-sectional study. BMC Medicine, 2006, 4, 1.	2.3	152
142	Dynamic mapping of normal human hippocampal development. Hippocampus, 2006, 16, 664-672.	0.9	377
143	Hippocampal Volume, PTSD, and Alcoholism in Combat Veterans. American Journal of Psychiatry, 2006, 163, 674-681.	4.0	65
145	Hippocampal atrophy in Alzheimer disease: Age matters. Neurology, 2006, 66, 236-238.	1.5	127
146	The Development of Visual P3a and P3b. Developmental Neuropsychology, 2007, 32, 563-584.	1.0	51
147	Differential Course of Executive Control Changes During Normal Aging. Aging, Neuropsychology, and Cognition, 2007, 14, 370-393.	0.7	96
148	Neuroradiological characterization of normal adult ageing. British Journal of Radiology, 2007, 80, S99-S108.	1.0	85
149	Age-Related Differences in Upper Limb Proprioceptive Acuity. Perceptual and Motor Skills, 2007, 104, 1297-1309.	0.6	115
150	Neuroimaging of White Matter in Aging and Dementia. Clinical Neuropsychologist, 2007, 21, 73-109.	1.5	60
151	Brain Structure in Prenatal Stroke: Quantitative Magnetic Resonance Imaging (MRI) Analysis. Journal of Child Neurology, 2007, 22, 841-847.	0.7	20
152	Differential Cross-Sectional and Longitudinal Impact of APOE Genotype on Hippocampal Volumes in Nondemented Older Adults. Dementia and Geriatric Cognitive Disorders, 2007, 23, 382-389.	0.7	98
153	Brain aging research. Reviews in Clinical Gerontology, 2007, 17, 225.	0.5	1

		CITATION REPORT	
#	Article	IF	CITATIONS
154	Functional plasticity in cognitive aging: Review and hypothesis Neuropsychology, 2007, 21, 657	7-673. 1.0	276
155	Vascular health and longitudinal changes in brain and cognition in middle-aged and older adults. Neuropsychology, 2007, 21, 149-157.	. 1.0	225
156	Alcoholism and judgments of affective stimuli Neuropsychology, 2007, 21, 346-362.	1.0	53
157	Cognitive rehabilitation in the elderly: A randomized trial to evaluate a new protocol. Journal of the International Neuropsychological Society, 2007, 13, 120-31.	he 1.2	76
158	Structural MRI covariance patterns associated with normal aging and neuropsychological functioning. Neurobiology of Aging, 2007, 28, 284-295.	1.5	134
159	Age-related differences in glucocorticoid receptor mRNA levels in the human brain. Neurobiology Aging, 2007, 28, 447-458.	of 1.5	121
160	Measurement of hippocampal subfields and age-related changes with high resolution MRI at 4T. Neurobiology of Aging, 2007, 28, 719-726.	1.5	248
161	Quantifying degeneration of white matter in normal aging using fractal dimension. Neurobiology Aging, 2007, 28, 1543-1555.	v of 1.5	88
162	Effect of aging on cerebral A1 adenosine receptors: A [18F]CPFPX PET study in humans. Neurobi Aging, 2007, 28, 1914-1924.	ology of 1.5	63
163	Non-treatment-seeking heavy drinkers: Effects of chronic cigarette smoking on brain structure. D and Alcohol Dependence, 2007, 87, 76-82.	Drug 1.6	69
164	The effects of stress and stress hormones on human cognition: Implications for the field of brain cognition. Brain and Cognition, 2007, 65, 209-237.	and 0.8	1,077
165	Effects of ageing on cognitive task preparation as reflected by event-related potentials. Clinical Neurophysiology, 2007, 118, 558-569.	0.7	57
166	Hippocampal volume is as variable in young as in older adults: Implications for the notion of hippocampal atrophy in humans. NeuroImage, 2007, 34, 479-485.	2.1	136
167	Diffusion tensor imaging-based tissue segmentation: Validation and application to the developin child and adolescent brain. NeuroImage, 2007, 34, 1497-1505.	g 2.1	57
168	Relationship between white matter fractional anisotropy and other indices of cerebral health in normal aging: Tract-based spatial statistics study of aging. NeuroImage, 2007, 35, 478-487.	2.1	228
169	Evidence for cervical cord tissue disorganisation with aging by diffusion tensor MRI. NeuroImage 2007, 36, 728-735.	,	51
170	Sex differences in regional gray matter in healthy individuals aged 44–48Âyears: A voxel-based morphometric study. Neurolmage, 2007, 36, 691-699.	2.1	214
171	Structural and Functional Imaging Correlates for Age-Related Changes in the Brain. Seminars in Nuclear Medicine, 2007, 37, 69-87.	2.5	34

#	Article	IF	CITATIONS
172	Interobserver andÂwithin-subject variances ofÂT2-relaxation time andÂ1H-metabolite ratios inÂtheÂnormal hippocampus. Journal of Neuroradiology, 2007, 34, 198-204.	0.6	1
173	Chronic cigarette smoking and heavy drinking in human immunodeficiency virus: consequences for neurocognition and brain morphology. Alcohol, 2007, 41, 489-501.	0.8	48
174	Spatial distribution of human neocortical neurons and glial cells according to sex and age measured by the saucer method. Journal of Neuroscience Methods, 2007, 164, 19-26.	1.3	10
175	Neural correlates of movement preparation in healthy ageing. European Journal of Neuroscience, 2008, 27, 254-260.	1.2	56
176	The importance of being subtle: small changes in calcium homeostasis control cognitive decline in normal aging. Aging Cell, 2007, 6, 267-273.	3.0	170
177	Canine cognitive dysfunction and the cerebellum: Acetylcholinesterase reduction, neuronal and glial changes. Brain Research, 2007, 1139, 85-94.	1.1	34
178	Feedback-based versus observational classification learning in healthy aging and Parkinson's disease. Brain Research, 2007, 1142, 178-188.	1.1	34
179	Increases in size and myelination of the rat corpus callosum during adulthood are maintained into old age. Brain Research, 2007, 1142, 13-18.	1.1	33
180	Brain Aging and Its Modifiers: Insights from in Vivo Neuromorphometry and Susceptibility Weighted Imaging. Annals of the New York Academy of Sciences, 2007, 1097, 84-93.	1.8	149
181	The Orbitofrontal Cortex, Realâ€World Decision Making, and Normal Aging. Annals of the New York Academy of Sciences, 2007, 1121, 480-498.	1.8	155
182	Feasibility of Multi-site Clinical Structural Neuroimaging Studies of Aging Using Legacy Data. Neuroinformatics, 2007, 5, 235-245.	1.5	103
183	Neuropsychological Contributions to the Early Identification of Alzheimer's Disease. Neuropsychology Review, 2008, 18, 73-90.	2.5	166
184	Aging. Neurological Sciences, 2008, 29, 296-300.	0.9	35
185	Relationship among neuroimaging indices of cerebral health during normal aging. Human Brain Mapping, 2008, 29, 36-45.	1.9	94
186	A forward application of age associated gray and white matter networks. Human Brain Mapping, 2008, 29, 1139-1146.	1.9	26
187	Dense feature deformation morphometry: Incorporating DTI data into conventional MRI morphometry. Medical Image Analysis, 2008, 12, 742-751.	7.0	21
188	Region-specific changes of cerebral white matter during normal aging: A diffusion-tensor analysis. Archives of Gerontology and Geriatrics, 2008, 47, 129-138.	1.4	70
189	A meta-analytic review of emotion recognition and aging: Implications for neuropsychological models of aging. Neuroscience and Biobehavioral Reviews, 2008, 32, 863-881.	2.9	719

#	Article	IF	CITATIONS
190	Regional variability in age-related loss of neurons from the primary visual cortex and medial prefrontal cortex of male and female rats. Brain Research, 2008, 1218, 1-12.	1.1	41
191	Altered prefrontal function with aging: Insights into age-associated performance decline. Brain Research, 2008, 1232, 30-47.	1.1	44
192	Aging in the CNS: Comparison of gray/white matter volume and diffusion tensor data. Neurobiology of Aging, 2008, 29, 102-116.	1.5	219
193	Aging, gender, and the elderly adult brain: An examination of analytical strategies. Neurobiology of Aging, 2008, 29, 290-302.	1.5	95
194	Brain tissue volumes in the general elderly population. Neurobiology of Aging, 2008, 29, 882-890.	1.5	171
195	Age-related changes in conditioned flavor preference in rats. Behavioural Brain Research, 2008, 188, 56-61.	1.2	13
196	Gender differences and age-related white matter changes of the human brain: A diffusion tensor imaging study. NeuroImage, 2008, 39, 566-577.	2.1	274
197	Age effects on hippocampal structural changes in old men: The HAAS. NeuroImage, 2008, 40, 1003-1015.	2.1	37
198	Selection of the control group for VBM analysis: Influence of covariates, matching and sample size. NeuroImage, 2008, 41, 1324-1335.	2.1	115
199	Voxel-based analysis derived from fractional anisotropy images of white matter volume changes with aging. NeuroImage, 2008, 41, 657-667.	2.1	113
200	Quantitative tractography metrics of white matter integrity in diffusion-tensor MRI. NeuroImage, 2008, 42, 568-581.	2.1	76
201	Differential Effects of Normal Aging on Memory for Odor-Place and Object-Place Associations. Experimental Aging Research, 2008, 34, 437-452.	0.6	18
202	Low Striatal Glutamate Levels Underlie Cognitive Decline in the Elderly: Evidence from In Vivo Molecular Spectroscopy. Cerebral Cortex, 2008, 18, 2241-2250.	1.6	68
203	Age-Related Regional Network of Magnetic Resonance Imaging Gray Matter in the Rhesus Macaque. Journal of Neuroscience, 2008, 28, 2710-2718.	1.7	78
204	Deformation Field Morphometry Reveals Age-Related Structural Differences between the Brains of Adults up to 51 Years. Journal of Neuroscience, 2008, 28, 828-842.	1.7	61
205	Drugs of Abuse and the Aging Brain. Neuropsychopharmacology, 2008, 33, 209-218.	2.8	133
206	Age-related Degradation in the Central Nervous System: Assessment with Diffusion-Tensor Imaging and Quantitative Fiber Tracking. Radiology, 2008, 247, 179-188.	3.6	85
207	Motor EP physiology, risks and specific anesthetic effects. Handbook of Clinical Neurophysiology, 2008, 8, 218-234.	0.0	2

ARTICLE IF CITATIONS # Brain Morphology in Older African Americans, Caribbean Hispanics, and Whites From Northern 208 4.9 225 Manhattan. Archives of Neurology, 2008, 65, 1053-61. Neuroanatomical and cognitive mediators of age-related differences in episodic memory.. 209 1.0 139 Neuropsychology, 2008, 22, 491-507. Chapter 5.3 Structureâ€"function correlates of episodic memory in aging. Handbook of Behavioral 210 0.7 0 Neuroscience, 2008, 18, 521-634. Diffusion tensor imaging in mild cognitive impairment and Alzheimer's disease: a review. Current 1.8 251 Opinion in Neurology, 2008, 21, 83-92. Diffusion MR imaging in neuropsychiatry and aging., 0, , 593-617. 214 2 One-Year Brain Atrophy Evident in Healthy Aging. Journal of Neuroscience, 2009, 29, 15223-15231. 1.7 561 216 Neuropsychological Assessment of Dementia. Annual Review of Psychology, 2009, 60, 257-282. 9.9 331 Age-related Alterations in Simple Declarative Memory and the Effect of Negative Stimulus Valence. 1.1 84 Journal of Cognitive Neuroscience, 2009, 21, 1920-1933. Age- and sex-associated changes in cerebral glucose metabolism in normal healthy subjects: statistical 218 parametric mapping analysis of f-18 fluorodeoxyglucose brain positron emission tomography. Acta 0.5 44 Radiologica, 2009, 50, 1169-1174. Distinct Genetic Influences on Cortical Surface Area and Cortical Thickness. Cerebral Cortex, 2009, 1.6 1,109 19, 2728-2735. High Consistency of Regional Cortical Thinning in Aging across Multiple Samples. Cerebral Cortex, 220 580 1.6 2009, 19, 2001-2012. Minute Effects of Sex on the Aging Brain: A Multisample Magnetic Resonance Imaging Study of Healthy 221 111 Aging and Alzheimer's Disease. Journal of Neuroscience, 2009, 29, 8774-8783. Regional fMRI brain activation does correlate with global brain volume. Brain Research, 2009, 1259, 222 1.1 21 17-25. No volume difference of medulla oblongata between young and old Korean people. Brain Research, 1.1 23 2009, 1276, 77-82. Age-related differences in the neural substrates of cross-modal olfactory recognition memory: An 224 1.1 29 fMRI investigation. Brain Research, 2009, 1285, 88-98. Pattern of normal age-related regional differences in white matter microstructure is modified by vascular risk. Brain Řesearch, 2009, 1297, 41-56. Facilitating Aerobic Exercise Training in Older Adults with Alzheimer's Disease. Geriatric Nursing, 226 0.9 37 2009, 30, 250-259. Aging of cerebral white matter: a review of MRI findings. International Journal of Geriatric 1.3 439 Psychiatry, 2009, 24, 109-117.

#	Article	IF	CITATIONS
228	Gray and white matter brain volumes in older adults with bipolar disorder. International Journal of Geriatric Psychiatry, 2009, 24, 1445-1452.	1.3	19
229	Aging and the interaction of sensory cortical function and structure. Human Brain Mapping, 2009, 30, 228-240.	1.9	62
230	Can structural MRI indices of cerebral integrity track cognitive trends in executive control function during normal maturation and adulthood?. Human Brain Mapping, 2009, 30, 2581-2594.	1.9	60
231	Neuron and glia numbers in the basolateral nucleus of the amygdala from preweaning through old age in male and female rats: A stereological study. Journal of Comparative Neurology, 2009, 512, 717-725.	0.9	96
232	Improved cerebellar tissue classification on magnetic resonance images of brain. Journal of Magnetic Resonance Imaging, 2009, 29, 1035-1042.	1.9	15
233	The myelinated fiber changes in the white matter of aged female Longâ€Evans rats. Journal of Neuroscience Research, 2009, 87, 1582-1590.	1.3	22
234	Stereological investigation of ageâ€related changes of myelinated fibers in the rat cortex. Journal of Neuroscience Research, 2009, 87, 2872-2880.	1.3	2
235	Demyelination Induces the Decline of the Myelinated Fiber Length in Aged Rat White Matter. Anatomical Record, 2009, 292, 528-535.	0.8	13
236	Relaxo-volumetric multispectral quantitative magnetic resonance imaging of the brain over the human lifespan: global and regional aging patterns. Magnetic Resonance Imaging, 2009, 27, 895-906.	1.0	65
237	Cerebral White Matter Integrity and Cognitive Aging: Contributions from Diffusion Tensor Imaging. Neuropsychology Review, 2009, 19, 415-435.	2.5	383
238	Poor Decision Making Among Older Adults Is Related to Elevated Levels of Neuroticism. Annals of Behavioral Medicine, 2009, 37, 164-172.	1.7	69
239	Relevance of Iron Deposition in Deep Gray Matter Brain Structures to Cognitive and Motor Performance in Healthy Elderly Men and Women: Exploratory Findings. Brain Imaging and Behavior, 2009, 3, 167-175.	1.1	67
240	No differential effect of age on brain matter volume and cognition in bipolar patients and healthy individuals. Bipolar Disorders, 2009, 11, 316-322.	1.1	27
241	Chapter 1 Normal Brain Aging. International Review of Neurobiology, 2009, 84, 1-19.	0.9	57
242	Age-related dendritic hypertrophy and sexual dimorphism in rat basolateral amygdala. Neurobiology of Aging, 2009, 30, 137-146.	1.5	49
243	Accelerated aging of the putamen in men but not in women. Neurobiology of Aging, 2009, 30, 147-151.	1.5	35
244	Voxel-based mapping of brain gray matter volume and glucose metabolism profiles in normal aging. Neurobiology of Aging, 2009, 30, 112-124.	1.5	344
245	Relative contributions of the cerebellar vermis and prefrontal lobe volumes on cognitive function across the adult lifespan. Neurobiology of Aging, 2009, 30, 457-465.	1.5	56

#	Article	IF	Citations
247	Changes in the Developmental Trajectories of Striatum in Autism. Biological Psychiatry, 2009, 66, 327-333.	0.7	225
248	Differential relationship of frontal pole and whole brain volumetric measures with age in neuroleptic-naà ve schizophrenia and healthy subjects. Schizophrenia Research, 2009, 109, 148-158.	1.1	16
249	Correlations between measures of executive attention and cortical thickness of left posterior middle frontal gyrus - a dichotic listening study. Behavioral and Brain Functions, 2009, 5, 41.	1.4	55
250	Effects of estrogen therapy on age-related differences in gray matter concentration. Climacteric, 2009, 12, 301-309.	1.1	35
251	Loss of cerebral white matter structural integrity tracks the gray matter metabolic decline in normal agingâ~†. Neurolmage, 2009, 45, 17-28.	2.1	78
252	Cognitive function and brain structure correlations in healthy elderly East Asians. NeuroImage, 2009, 46, 257-269.	2.1	95
253	Patterns of fractional anisotropy changes in white matter of cerebellar peduncles distinguish spinocerebellar ataxia-1 from multiple system atrophy and other ataxia syndromes. NeuroImage, 2009, 47, T72-T81.	2.1	62
254	Increased sensitivity to effects of normal aging and Alzheimer's disease on cortical thickness by adjustment for local variability in gray/white contrast: A multi-sample MRI study. NeuroImage, 2009, 47, 1545-1557.	2.1	103
255	Age-associated alterations in cortical gray and white matter signal intensity and gray to white matter contrast. Neurolmage, 2009, 48, 21-28.	2.1	245
256	Is there a common underlying mechanism for age-related decline in cortical thickness?. NeuroReport, 2009, 20, 1155-1160.	0.6	16
257	Complexity of force output during static exercise in individuals with Down syndrome. Journal of Applied Physiology, 2009, 106, 1227-1233.	1.2	31
258	Neuroanatomical and cognitive mediators of age-related differences in perceptual priming and learning Neuropsychology, 2009, 23, 475-491.	1.0	28
259	The effects of aging on memory for sequentially presented objects in rats Behavioral Neuroscience, 2009, 123, 1339-1345.	0.6	14
260	4 A Systems Approach to the Aging Brain: Neuroanatomic Changes, Their Modifiers, and Cognitive Correlates. , 2009, , 43-70.		34
261	Hemispheric differences in use-dependent corticomotor plasticity in young and old adults. Experimental Brain Research, 2010, 205, 57-68.	0.7	73
262	With time on our side? Task-dependent compensatory processes in graceful aging. Experimental Brain Research, 2010, 205, 307-324.	0.7	38
263	Age-related changes in regional brain volume evaluated by atlas-based method. Neuroradiology, 2010, 52, 865-873.	1.1	31
264	Motor control and aging: Links to age-related brain structural, functional, and biochemical effects. Neuroscience and Biobehavioral Reviews, 2010, 34, 721-733.	2.9	1,251

#	Article	IF	CITATIONS
265	Cardiovascular function and the veteran athlete. European Journal of Applied Physiology, 2010, 110, 459-478.	1.2	25
266	MR Diffusion Tensor Imaging: A Window into White Matter Integrity of the Working Brain. Neuropsychology Review, 2010, 20, 209-225.	2.5	197
267	Volumetry of the human amygdala — An anatomical study. Psychiatry Research - Neuroimaging, 2010, 182, 67-72.	0.9	59
268	Caloric restriction and aging but not overexpression of SOD1 affect hippocampal volumes in mice. Mechanisms of Ageing and Development, 2010, 131, 574-579.	2.2	19
269	Sexual dimorphism and asymmetry in human cerebellum: An MRI-based morphometric study. Brain Research, 2010, 1353, 60-73.	1.1	62
270	Sex dimorphism in gray/white matter volume and diffusion tensor during normal aging. NMR in Biomedicine, 2010, 23, 446-458.	1.6	37
271	Transcranial brain sonography in Parkinson's disease with restless legs syndrome. Movement Disorders, 2010, 25, 1373-1378.	2.2	35
272	Quantitative and Qualitative Measures of Hippocampal Atrophy Are Not Correlated in Healthy Older Men. Journal of Neuroimaging, 2010, 20, 157-162.	1.0	10
273	BMI and Neuronal Integrity in Healthy, Cognitively Normal Elderly: A Proton Magnetic Resonance Spectroscopy Study. Obesity, 2010, 18, 743-748.	1.5	70
274	Models of developmental neuropsychology: adult and geriatric. , 2010, , 41-54.		0
276	Morphometric brain changes during aging: Results from a Brazilian necropsy sample. Dementia E Neuropsychologia, 2010, 4, 332-337.	0.3	2
277	The Elderly as a Sensitive Population in Environmental Exposures: Making the Case. Reviews of Environmental Contamination and Toxicology, 2010, 207, 95-157.	0.7	29
278	Medial Temporal Lobe Correlates of Memory Screening Measures in Normal Aging, MCI, and AD. Journal of Geriatric Psychiatry and Neurology, 2010, 23, 100-108.	1.2	24
279	Everyday memory: Self-perception and structural brain correlates in a healthy elderly population. Journal of the International Neuropsychological Society, 2010, 16, 1115-1126.	1.2	12
280	White Matter in Aging and Cognition: A Cross-Sectional Study of Microstructure in Adults Aged Eighteen to Eighty-Three. Developmental Neuropsychology, 2010, 35, 257-277.	1.0	142
281	Cerebral restorative plasticity from normal ageing to brain diseases: A "never ending story". Restorative Neurology and Neuroscience, 2010, 28, 349-366.	0.4	23
282	Normal Aging in the Basal Ganglia Evaluated by Eigenvalues of Diffusion Tensor Imaging. American Journal of Neuroradiology, 2010, 31, 516-520.	1.2	43
283	Estrogen therapy and Alzheimer's dementia. Annals of the New York Academy of Sciences, 2010, 1205, 245-253.	1.8	56

#	Article	IF	CITATIONS
284	Cortical Thickness Is Influenced by Regionally Specific Genetic Factors. Biological Psychiatry, 2010, 67, 493-499.	0.7	124
285	Progressive volume reduction and its relation to the different stages of schizophrenia. Schizophrenia Research, 2010, 117, 99-100.	1.1	1
286	Salivary cortisol and prefrontal cortical thickness in middle-aged men: A twin study. NeuroImage, 2010, 53, 1093-1102.	2.1	88
287	Age-related changes in grey and white matter structure throughout adulthood. NeuroImage, 2010, 51, 943-951.	2.1	428
288	Age-related changes in neural volume and microstructure associated with interleukin-6 are ameliorated by a calorie-restricted diet in old rhesus monkeys. NeuroImage, 2010, 51, 987-994.	2.1	54
289	Trajectories of brain aging in middle-aged and older adults: Regional and individual differences. NeuroImage, 2010, 51, 501-511.	2.1	504
290	Differentiating maturational and aging-related changes of the cerebral cortex by use of thickness and signal intensity. Neurolmage, 2010, 52, 172-185.	2.1	155
291	Selective effects of aging on brain white matter microstructure: A diffusion tensor imaging tractography study. Neurolmage, 2010, 52, 1190-1201.	2.1	134
292	Effects of memory training on cortical thickness in the elderly. NeuroImage, 2010, 52, 1667-1676.	2.1	307
293	Angiogenesis in old-aged subjects after ischemic stroke: a cautionary note for investigators. Journal of Angiogenesis Research, 2010, 2, 26.	2.9	43
294	Life-Span Changes of the Human Brain White Matter: Diffusion Tensor Imaging (DTI) and Volumetry. Cerebral Cortex, 2010, 20, 2055-2068.	1.6	664
295	The effects of healthy aging on auditory processing in humans as indexed by transient brain responses. Clinical Neurophysiology, 2010, 121, 902-911.	0.7	19
296	A study of remote spatial memory in aged rats. Neurobiology of Aging, 2010, 31, 143-150.	1.5	14
297	Evidence of neurodegeneration in brains of older adults who do not yet fulfill MCI criteria. Neurobiology of Aging, 2010, 31, 368-377.	1.5	46
298	Stroke risk modifies regional white matter differences in mild cognitive impairment. Neurobiology of Aging, 2010, 31, 1721-1731.	1.5	24
299	Cognition in healthy aging is related to regional white matter integrity, but not cortical thickness. Neurobiology of Aging, 2010, 31, 1912-1926.	1.5	149
300	3D maps localize caudate nucleus atrophy in 400 Alzheimer's disease, mild cognitive impairment, and healthy elderly subjects. Neurobiology of Aging, 2010, 31, 1312-1325.	1.5	103
301	Fractal dimension analysis for quantifying cerebellar morphological change of multiple system atrophy of the cerebellar type (MSA-C). NeuroImage, 2010, 49, 539-551.	2.1	69

#	Article	IF	CITATIONS
302	Age-related networks of regional covariance in MRI gray matter: Reproducible multivariate patterns in healthy aging. NeuroImage, 2010, 49, 1750-1759.	2.1	113
303	Processing speed is correlated with cerebral health markers in the frontal lobes as quantified by neuroimaging. NeuroImage, 2010, 49, 1190-1199.	2.1	125
304	Hippocampal volume deficits and shape deformities in young biological relatives of schizophrenia probands. NeuroImage, 2010, 49, 3385-3393.	2.1	51
305	Structural Brain Changes in Aging: Courses, Causes and Cognitive Consequences. Reviews in the Neurosciences, 2010, 21, 187-221.	1.4	728
307	Longitudinal Study of Callosal Microstructure in the Normal Adult Aging Brain Using Quantitative DTI Fiber Tracking. Developmental Neuropsychology, 2010, 35, 233-256.	1.0	140
308	Regional Volume Analysis of the Parkinson Disease Brain in Early Disease Stage: Gray Matter, White Matter, Striatum, and Thalamus. American Journal of Neuroradiology, 2011, 32, 682-687.	1.2	67
309	Regional heterogeneity in limbic maturational changes: Evidence from integrating cortical thickness, volumetric and diffusion tensor imaging measures. NeuroImage, 2011, 55, 868-879.	2.1	55
310	Locally Linear Diffeomorphic Metric Embedding (LLDME) for surface-based anatomical shape modeling. NeuroImage, 2011, 56, 149-161.	2.1	11
311	Sex differences in grey matter atrophy patterns among AD and aMCI patients: Results from ADNI. NeuroImage, 2011, 56, 890-906.	2.1	86
312	Developmental change in regional brain structure over 7 months in early adolescence: Comparison of approaches for longitudinal atlas-based parcellation. NeuroImage, 2011, 57, 214-224.	2.1	57
313	Letter to the Editor. Schizophrenia Research, 2011, 127, 268-269.	1.1	2
314	Age-related changes of the functional architecture of the cortico-basal ganglia circuitry during motor task execution. NeuroImage, 2011, 55, 194-203.	2.1	55
315	Synaptic Loss in the Inferior Temporal Gyrus in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 24, 547-557.	1.2	231
316	Regional differences in brain volume predict the acquisition of skill in a complex real-time strategy videogame. Brain and Cognition, 2011, 76, 407-414.	0.8	76
317	Age-related gray matter volume changes in the brain during non-elderly adulthood. Neurobiology of Aging, 2011, 32, 354-368.	1.5	158
318	Physical activity and memory functions: An interventional study. Neurobiology of Aging, 2011, 32, 1304-1319.	1.5	387
319	Effects of aging and calorie restriction on white matter in rhesus macaques. Neurobiology of Aging, 2011, 32, 2319.e1-2319.e11.	1.5	39
320	Consistent neuroanatomical age-related volume differences across multiple samples. Neurobiology of Aging, 2011, 32, 916-932.	1.5	437

#	Article	IF	CITATIONS
321	Brain volumetric measures in alcoholics: a comparison of two segmentation methods. Neuropsychiatric Disease and Treatment, 2011, 7, 65.	1.0	17
322	Slowing Down: Age-Related Neurobiological Predictors of Processing Speed. Frontiers in Neuroscience, 2011, 5, 25.	1.4	115
323	Correlations among Brain Gray Matter Volumes, Age, Gender, and Hemisphere in Healthy Individuals. PLoS ONE, 2011, 6, e22734.	1.1	127
324	Neuropathologic Correlates of Hippocampal Atrophy in the Elderly: A Clinical, Pathologic, Postmortem MRI Study. PLoS ONE, 2011, 6, e26286.	1.1	89
325	Presence of ApoE ε4 Allele Associated with Thinner Frontal Cortex in Middle Age. Journal of Alzheimer's Disease, 2011, 26, 49-60.	1.2	68
326	Corticomotor excitability and plasticity following complex visuomotor training in young and old adults. European Journal of Neuroscience, 2011, 34, 1847-1856.	1.2	99
327	Physical activity and risk of cognitive decline: a meta-analysis of prospective studies. Journal of Internal Medicine, 2011, 269, 107-117.	2.7	840
328	Age differences in callosal contributions to cognitive processes. Neuropsychologia, 2011, 49, 2564-2569.	0.7	38
329	Anterior and posterior cingulate cortex volume in healthy adults: Effects of aging and gender differences. Brain Research, 2011, 1401, 18-29.	1.1	60
330	The Rotterdam Scan Study: design and update up to 2012. European Journal of Epidemiology, 2011, 26, 811-824.	2.5	115
331	Age-Related Changes in the Thickness of Cortical Zones in Humans. Brain Topography, 2011, 24, 279-291.	0.8	132
332	Sleep and Sleep Disorders in Older Adults. Neuropsychology Review, 2011, 21, 41-53.	2.5	438
333	Structural organization of the prefrontal white matter pathways in the adult and aging brain measured by diffusion tensor imaging. Brain Structure and Function, 2011, 216, 417-431.	1.2	30
334	Clinical factors related to brain structure in HIV: the CHARTER study. Journal of NeuroVirology, 2011, 17, 248-57.	1.0	158
335	Hippocampal blood flow in normal aging measured with arterial spin labeling at 3T. Magnetic Resonance in Medicine, 2011, 65, 128-137.	1.9	26
336	Ageâ€dependent brain temperature decline assessed by diffusionâ€weighted imaging thermometry. NMR in Biomedicine, 2011, 24, 1063-1067.	1.6	38
337	Age Differences in Implicit Learning of Probabilistic Unstructured Sequences. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2011, 66B, 32-38.	2.4	30
338	Effect of Exercise Training on Hippocampal Volume in Humans. Research Quarterly for Exercise and Sport, 2011, 82, 585-591.	0.8	12

#	Article	IF	CITATIONS
339	Distinct profiles of brain and cognitive changes in the very old with Alzheimer disease. Neurology, 2011, 77, 713-721.	1.5	28
340	Preservation of motor skill learning in patients with multiple sclerosis. Multiple Sclerosis Journal, 2011, 17, 103-115.	1.4	69
341	Preserved Emotional Modulation of Motor Response Time Despite Psychomotor Slowing in Young-Old Adults. International Journal of Neuroscience, 2011, 121, 430-436.	0.8	1
342	Age-Related Changes in Right Middle Frontal Gyrus Volume Correlate with Altered Episodic Retrieval Activity. Journal of Neuroscience, 2011, 31, 17941-17954.	1.7	68
343	Sulcal morphology differences between mild cognitive impairment patients and normal elderly subjects. , 2011, , .		0
344	Aging of the cerebral cortex differs between humans and chimpanzees. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13029-13034.	3.3	96
345	Associations between Regional Cortical Thickness and Attentional Networks as Measured by the Attention Network Test. Cerebral Cortex, 2011, 21, 345-356.	1.6	140
346	Biophysical Modulations of Functional Connectivity. Brain Connectivity, 2011, 1, 267-277.	0.8	4
347	Genetic architecture of context processing in late middle age: More than one underlying mechanism Psychology and Aging, 2011, 26, 852-863.	1.4	20
348	Neuroanatomical substrates of age-related cognitive decline Psychological Bulletin, 2011, 137, 753-784.	5.5	327
349	Association of Social Engagement with Brain Volumes Assessed by Structural MRI. Journal of Aging Research, 2012, 2012, 1-9.	0.4	27
350	Longitudinal Structure-Function Correlates in Elderly Reveal MTL Dysfunction with Cognitive Decline. Cerebral Cortex, 2012, 22, 2297-2304.	1.6	138
351	Furthering the understanding of olfaction, prevalence of loss of smell and risk factors: a population-based survey (OLFACAT study). BMJ Open, 2012, 2, e001256.	0.8	162
352	Three dimensional multi-scale visual words for texture-based cerebellum segmentation. , 2012, , .		0
353	Brain tissue volumes in familial longevity: the Leiden Longevity Study. Aging Cell, 2012, 11, 933-939.	3.0	11
354	Age-related changes in human and non-human primate white matter: from myelination disturbances to cognitive decline. Age, 2012, 34, 1093-1110.	3.0	102
355	Lifespan age differences in working memory: A two-component framework. Neuroscience and Biobehavioral Reviews, 2012, 36, 2007-2033.	2.9	120
356	Age effect on subcortical structures in healthy adults. Psychiatry Research - Neuroimaging, 2012, 203, 38-45.	0.9	68

ARTICLE IF CITATIONS Loss of entorhinal cortex and hippocampal volumes compared to whole brain volume in normal aging: 357 0.9 24 The SMART-Medea study. Psychiatry Research - Neuroimaging, 2012, 203, 31-37. Healthy Aging. Academic Radiology, 2012, 19, 785-793. 1.3 101 Apolipoprotein E  $\hat{I}\mu4$  -related thickening of the cerebral cortex modulates selective attention. 359 26 1.5 Neurobiology of Aging, 2012, 33, 304-322.e1. Microstructural changes and atrophy in brain white matter tracts with aging. Neurobiology of Aging, 360 2012, 33, 488-498.eŽ. Mitochondrial base excision repair in mouse synaptosomes during normal aging and in a model of 361 1.5 32 Alzheimer's disease. Neurobiology of Aging, 2012, 33, 694-707. Age-related effects on cortical thickness patterns of the Rhesus monkey brain. Neurobiology of Aging, 1.5 2012, 33, 200.e23-200.e31. Normal age-related brain morphometric changes: nonuniformity across cortical thickness, surface 363 1.5 406 area and gray matter volume? Neurobiology of Aging, 2012, 33, 617.e1-617.e9. Age-related changes in the mesial temporal lobe: the parahippocampal white matter region. 364 1.5 21 Neurobiology of Aging, 2012, 33, 1168-1176. Determinants of cerebellar and cerebral volume in the general elderly population. Neurobiology of 365 1.5 55 Aging, 2012, 33, 2774-2781. Sex differences in brain volume are related to specific skills, not to general intelligence. Intelligence, 1.6 2012, 40, 60-68. The association between aerobic fitness and executive function is mediated by prefrontal cortex 367 276 2.0 volume. Brain, Behavior, and Immunity, 2012, 26, 811-819. Cortical thickness changes following spatial navigation training in adulthood and aging. NeuroImage, 2.1 2012, 59, 3389-3397. Brain tissue volumes in the general population of the elderly. NeuroImage, 2012, 59, 3862-3870. 369 2.1 88 Cognitive training-related changes in hippocampal activity associated with recollection in older 370 2.1 adults. NeuroImage, 2012, 62, 1956-1964. 371 Regional changes in thalamic shape and volume with increasing age. NeuroImage, 2012, 63, 1134-1142. 2.1 100 Differential characteristics of the aging process and the vascular cognitive impairment in the organization of memory retrieval. Journal of the Neurological Sciences, 2012, 322, 148-151. 373 Human prefrontal cortex. Progress in Brain Research, 2012, 195, 191-218. 0.9 274 Structural Neuroimaging in Aging and Alzheimer's Disease. Neuroimaging Clinics of North America, 374 2012, 22, 33-55.

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#	Article	IF	CITATIONS
375	Physical Activity, Cognitive Function, and Brain Health: What Is the Role of Exercise Training in the Prevention of Dementia?. Brain Sciences, 2012, 2, 684-708.	1.1	43
376	Differential effects of aging on spatial learning through exploratory navigation and map reading. Frontiers in Aging Neuroscience, 2012, 4, 14.	1.7	50
377	Remote spatial memory in aging: all is not lost. Frontiers in Aging Neuroscience, 2012, 4, 25.	1.7	48
378	Virtual navigation strategies from childhood to senescence: evidence for changes across the life span. Frontiers in Aging Neuroscience, 2012, 4, 28.	1.7	130
379	Physical Activity and Cognitive Function: Theoretical Bases, Mechanisms, and Moderators. , 2012, , .		0
380	Longitudinal brain volumetric changes during one year in non-elderly healthy adults: a voxel-based morphometry study. Brazilian Journal of Medical and Biological Research, 2012, 45, 516-523.	0.7	4
381	Human brain changes across the life span: A review of 56 longitudinal magnetic resonance imaging studies. Human Brain Mapping, 2012, 33, 1987-2002.	1.9	346
382	Human brain mass: Similar body composition associations as observed across mammals. American Journal of Human Biology, 2012, 24, 479-485.	0.8	19
383	Enriched Environment and White Matter in Aging Brain. Anatomical Record, 2012, 295, 1406-1414.	0.8	21
384	Do brain image databanks support understanding of normal ageing brain structure? A systematic review. European Radiology, 2012, 22, 1385-1394.	2.3	11
385	Age-related loss in attention-based modulation of tactile stimuli at early stages of somatosensory processing. Neuropsychologia, 2012, 50, 1502-1513.	0.7	34
386	Aging-Associated Modulation in the Expression of Pax6 in Mouse Brain. Cellular and Molecular Neurobiology, 2012, 32, 209-218.	1.7	15
387	A longitudinal study of age- and gender-related annual rate of volume changes in regional gray matter in healthy adults. Human Brain Mapping, 2013, 34, 2292-2301.	1.9	46
388	The influence of aerobic fitness on cerebral white matter integrity and cognitive function in older adults: Results of a oneâ€year exercise intervention. Human Brain Mapping, 2013, 34, 2972-2985.	1.9	435
389	Noninvasive quantification of intracellular sodium in human brain using ultrahigh–field MRI. NMR in Biomedicine, 2013, 26, 9-19.	1.6	55
390	Cognitive aging affects motor performance and learning. Geriatrics and Gerontology International, 2013, 13, 19-27.	0.7	71
391	Sex differences in cortical thickness in middle aged and early old-aged adults: Personality and Total Health Through Life study. Neuroradiology, 2013, 55, 697-707.	1.1	12
392	MRI 3D lateral cerebral ventricles in living humans: morphological and morphometrical age-, gender-related preliminary study. Anatomical Science International, 2013, 88, 61-69.	0.5	16

#	Article	IF	Citations
#	AKTICLE Neurotoxic Saboteurs: Straws that Break the Hippo's (Hippocampus) Back Drive Cognitive Impairment	IF	CHATIONS
393	and Alzheimer's Disease. Neurotoxicity Research, 2013, 24, 407-459.	1.3	47
394	Brain aging in humans, chimpanzees (Pan troglodytes), and rhesus macaques (Macaca mulatta): magnetic resonance imaging studies of macro- and microstructural changes. Neurobiology of Aging, 2013, 34, 2248-2260.	1.5	92
395	Age- and gender-related metabonomic alterations in striatum and cerebellar cortex in rats. Brain Research, 2013, 1507, 28-34.	1.1	5
396	Physical Exercise Habits Correlate with Gray Matter Volume of the Hippocampus in Healthy Adult Humans. Scientific Reports, 2013, 3, 3457.	1.6	84
397	Nerve growth factor retrieves neuropeptide Y and cholinergic immunoreactivity inÂthe nucleus accumbens of old rats. Neurobiology of Aging, 2013, 34, 1988-1995.	1.5	11
398	Structural and functional brain changes related to different types of physical activity across the life span. Neuroscience and Biobehavioral Reviews, 2013, 37, 2268-2295.	2.9	312
399	Topography of age-related changes in sleep spindles. Neurobiology of Aging, 2013, 34, 468-476.	1.5	197
400	Cognitive reserve moderates the association between hippocampal volume and episodic memory in middle age. Neuropsychologia, 2013, 51, 1124-1131.	0.7	38
401	Hippocampal and entorhinal cortex volume decline in cognitively intact elderly. Psychiatry Research - Neuroimaging, 2013, 211, 31-36.	0.9	23
402	The effects of aging and Alzheimer's disease on cerebral cortical anatomy: Specificity and differential relationships with cognition. NeuroImage, 2013, 76, 332-344.	2.1	201
403	Critical ages in the life course of the adult brain: nonlinear subcortical aging. Neurobiology of Aging, 2013, 34, 2239-2247.	1.5	319
404	Relationships Between Regional Cerebellar Volume and Sensorimotor and Cognitive Function in Young and Older Adults. Cerebellum, 2013, 12, 721-737.	1.4	114
405	Curcumin and piperine abrogate lipid and protein oxidation induced by d-galactose in rat brain. Brain Research, 2013, 1515, 1-11.	1.1	52
406	Differential brain shrinkage over 6months shows limited association with cognitive practice. Brain and Cognition, 2013, 82, 171-180.	0.8	42
407	Variation in longitudinal trajectories of regional brain volumes of healthy men and women (ages 10) Tj ETQq0 0 C	) rgBT /Ove	erlock 10 Tf 5
408	Adult age differences in learning and generalization of feedback-based associations Psychology and Aging, 2013, 28, 937-947.	1.4	15
409	Cognitive Dysfunction in ICU Patients. Critical Care Medicine, 2013, 41, S81-S98.	0.4	176

410	Early and Late Shift of Brain Laterality in STG, HG, and Cerebellum with Normal Aging during a Short-Term Memory Task. ISRN Neurology, 2013, 2013, 1-13.	1	5	2	
-----	--	---	---	---	--

#	Article	IF	CITATIONS
411	Age-related differences in discounting future gains and losses Journal of Neuroscience, Psychology, and Economics, 2013, 6, 42-54.	0.4	33
412	Perimetric Evaluation of Saccadic Latency, Saccadic Accuracy, and Visual Threshold for Peripheral Visual Stimuli in Young Compared With Older Adults. , 2013, 54, 5778.		28
413	Visual search and the aging brain: Discerning the effects of age-related brain volume shrinkage on alertness, feature binding, and attentional control Neuropsychology, 2013, 27, 48-59.	1.0	41
414	Characterizing Aging in the Human Brainstem Using Quantitative Multimodal MRI Analysis. Frontiers in Human Neuroscience, 2013, 7, 462.	1.0	50
415	Effect of Bcl-2 rs956572 Polymorphism on Age-Related Gray Matter Volume Changes. PLoS ONE, 2013, 8, e56663.	1.1	9
416	Variance in Brain Volume with Advancing Age: Implications for Defining the Limits of Normality. PLoS ONE, 2013, 8, e84093.	1.1	36
417	Physical exercise and cognitive performance in the elderly: current perspectives. Clinical Interventions in Aging, 2014, 9, 51.	1.3	287
418	A Study of Changes of Inversion Time Effect on Brain Volume of Normal Volunteers. Journal of the Korean Society of Magnetic Resonance in Medicine, 2013, 17, 286.	0.1	2
419	Age-related Changes of White Matter in the Elderly Population Measured by Diffusion Tensor Imaging. OMICS Journal of Radiology, 2013, 01, .	0.0	0
420	Longitudinal Assessment of Global and Regional Rate of Grey Matter Atrophy in 1,172 Healthy Older Adults: Modulation by Sex and Age. PLoS ONE, 2014, 9, e114478.	1.1	82
421	Startle evoked movement is delayed in older adults: implications for brainstem processing in the elderly. Physiological Reports, 2014, 2, e12025.	0.7	21
423	Midlife measurements of white matter microstructure predict subsequent regional white matter atrophy in healthy adults. Human Brain Mapping, 2014, 35, 2044-2054.	1.9	35
424	A Therapeutic Approach for Senile Dementias: Neuroangiogenesis. Journal of Alzheimer's Disease, 2014, 43, 1-17.	1.2	13
426	Decline of fiber tract integrity over the adult age range: A diffusion spectrum imaging study. Journal of Magnetic Resonance Imaging, 2014, 40, 348-359.	1.9	9
427	Long-Chain Omega-3 Fatty Acids Improve Brain Function and Structure in Older Adults. Cerebral Cortex, 2014, 24, 3059-3068.	1.6	249
428	Effect of Cognitive Aging on Working Memory Consolidation. Psychological Studies, 2014, 59, 383-393.	0.5	3
429	The Dentate Nucleus and Its Projection System in the Human Cerebellum. Neurosurgery, 2014, 74, 401-425.	0.6	62
430	Fatty Acids and the Aging Brain. , 2014, , 201-219.		1

#	Article	IF	CITATIONS
431	White Matter and Cognitive Decline in Aging: A Focus on Processing Speed and Variability. Journal of the International Neuropsychological Society, 2014, 20, 262-267.	1.2	48
432	Interactive Effects of Apolipoprotein E4 and Diabetes Risk on Later Myelinating White Matter Regions in Neurologically Healthy Older Aged Adults. American Journal of Alzheimer's Disease and Other Dementias, 2014, 29, 222-235.	0.9	12
433	Associations between age and gray matter volume in anatomical brain networks in middleâ€aged to older adults. Aging Cell, 2014, 13, 1068-1074.	3.0	106
434	Regional specificity of sex effects on subcortical volumes across the lifespan in healthy aging. Human Brain Mapping, 2014, 35, 238-247.	1.9	71
435	<i>APOE</i> interacts with age to modify rate of decline in cognitive and brain changes in Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, 336-348.	0.4	35
436	Praxis and writing in a right-hander with crossed aphasia. Neurocase, 2014, 20, 317-327.	0.2	4
437	Heritability of brain volumes in older adults: the Older Australian Twins Study. Neurobiology of Aging, 2014, 35, 937.e5-937.e18.	1.5	27
438	Medullo-ponto-cerebellar white matter degeneration altered brain network organization and cortical morphology in multiple system atrophy. Brain Structure and Function, 2014, 219, 947-958.	1.2	11
439	Neuroinflammation in healthy aging: A PET study using a novel Translocator Protein 18kDa (TSPO) radioligand, [18F]-FEPPA. NeuroImage, 2014, 84, 868-875.	2.1	56
440	Database of normal japanese gray matter volumes in the default mode network. Journal of Magnetic Resonance Imaging, 2014, 39, 132-142.	1.9	4
441	The theory of bipolar disorder as an illness of accelerated aging: Implications for clinical care and research. Neuroscience and Biobehavioral Reviews, 2014, 42, 157-169.	2.9	146
442	A review of physical and cognitive interventions in aging. Neuroscience and Biobehavioral Reviews, 2014, 44, 206-220.	2.9	295
443	Aberrant Functional Networks Connectivity and Structural Atrophy in Silent Lacunar Infarcts: Relationship with Cognitive Impairments. Journal of Alzheimer's Disease, 2014, 42, 841-850.	1.2	24
444	Role of Stress, Depression, and Aging in Cognitive Decline and Alzheimer's Disease. Current Topics in Behavioral Neurosciences, 2014, 18, 265-296.	0.8	42
445	Relationship of age with the size of the interventricular foramina and aqueductus sylvii: a morphometric evaluation. Neurological Research, 2014, 36, 878-881.	0.6	5
446	Structural Imaging Measures of Brain Aging. Neuropsychology Review, 2014, 24, 271-289.	2.5	199
447	Gray-matter macrostructure in cognitively healthy older persons: associations with age and cognition. Brain Structure and Function, 2014, 219, 2029-2049.	1.2	37
448	Microglia in Health and Disease. , 2014, , .		19

#	Article	IF	CITATIONS
449	Superior longitudinal fasciculus and language functioning in healthy aging. Brain Research, 2014, 1562, 11-22.	1.1	72
450	Moving forward: Age effects on the cerebellum underlie cognitive and motor declines. Neuroscience and Biobehavioral Reviews, 2014, 42, 193-207.	2.9	162
451	Prefrontal gray matter volume mediates age effects on memory strategies. NeuroImage, 2014, 90, 326-334.	2.1	50
452	The apolipoprotein E epsilon 4 allele is associated with ventricular expansion rate and surface morphology in dementia and normal aging. Neurobiology of Aging, 2014, 35, 1309-1317.	1.5	26
453	No evidence that â€~fast-mapping' benefits novel learning in healthy Older adults. Neuropsychologia, 2014, 60, 52-59.	0.7	42
454	Assessing age-related gray matter decline with voxel-based morphometry depends significantly on segmentation and normalization procedures. Frontiers in Aging Neuroscience, 2014, 6, 124.	1.7	52
455	Age Effects on Cortical Thickness in Cognitively Normal Elderly Individuals. Dementia and Geriatric Cognitive Disorders Extra, 2014, 4, 221-227.	0.6	38
457	TORC2: a novel target for treating age-associated memory impairment. Scientific Reports, 2015, 5, 15193.	1.6	27
458	Exercise and fitness modulate cognitive function in older adults Psychology and Aging, 2015, 30, 842-848.	1.4	39
459	Daily physical activity and life satisfaction across adulthood Developmental Psychology, 2015, 51, 1407-1419.	1.2	94
460	Stability of CART peptide expression in the nucleus accumbens in aging. Acta Biologica Hungarica, 2015, 66, 1-13.	0.7	4
461	Sensitivity of Neuropsychological Tests to Identify Cognitive Decline in Highly Educated Elderly Individuals: 12 Months Follow up. Journal of Alzheimer's Disease, 2015, 49, 607-616.	1.2	21
462	Female migraineurs show lack of insular thinning with age. Pain, 2015, 156, 1232-1239.	2.0	38
463	Cerebellar gray and white matter volume and their relation with age and manual motor performance in healthy older adults. Human Brain Mapping, 2015, 36, 2352-2363.	1.9	40
464	Effects of Aging on Frontal White Matter Microstructure in Alcohol Use Disorder and Associations With Processing Speed. Journal of Studies on Alcohol and Drugs, 2015, 76, 296-306.	0.6	17
465	Factors associated with morphometric brain changes in cognitively normal aging. Dementia E Neuropsychologia, 2015, 9, 103-109.	0.3	9
466	The effects of long-term resistance exercise on the relationship between neurocognitive performance and GH, IGF-1, and homocysteine levels in the elderly. Frontiers in Behavioral Neuroscience, 2015, 9, 23.	1.0	114
467	Memory and mood in the menopause. , 0, , 91-101.		0

#	Article	IF	CITATIONS
468	Smartphone Text Input Method Performance, Usability, and Preference With Younger and Older Adults. Human Factors, 2015, 57, 1015-1028.	2.1	80
469	An age estimation method using brain local features for T1-weighted images. , 2015, 2015, 666-9.		27
470	Brain size, sex, and the aging brain. Human Brain Mapping, 2015, 36, 150-169.	1.9	173
471	Bilingualism provides a neural reserve for aging populations. Neuropsychologia, 2015, 69, 201-210.	0.7	155
472	Subcortical volumetric changes across the adult lifespan: Subregional thalamic atrophy accounts for age-related sensorimotor performance declines. Cortex, 2015, 65, 128-138.	1.1	33
473	Age-related changes in the central auditory system. Cell and Tissue Research, 2015, 361, 337-358.	1.5	118
474	BrainPrint: A discriminative characterization of brain morphology. NeuroImage, 2015, 109, 232-248.	2.1	128
475	Mapping ventricular expansion onto cortical gray matter in older adults. Neurobiology of Aging, 2015, 36, S32-S41.	1.5	32
476	Age-Associated Executive Dysfunction, the Prefrontal Cortex, and Complex Decision Making. , 2015, , 79-101.		11
477	Genetic and Environmental Contributions to the Relationships Between Brain Structure and Average Lifetime Cigarette Use. Behavior Genetics, 2015, 45, 157-170.	1.4	19
478	Fiber bundle length and cognition: a length-based tractography MRI study. Brain Imaging and Behavior, 2015, 9, 765-775.	1.1	20
479	Ageing shows a pattern of cerebellar degeneration analogous, but not equal, to that in patients suffering from cerebellar degenerative disease. NeuroImage, 2015, 116, 196-206.	2.1	32
480	Acupuncture modulates cortical thickness and functional connectivity in knee osteoarthritis patients. Scientific Reports, 2014, 4, 6482.	1.6	60
481	Older adults catch up to younger adults on a learning and memory task that involves collaborative social interaction. Memory, 2015, 23, 612-624.	0.9	21
482	Hippocampal (subfield) volume and shape in relation to cognitive performance across the adult lifespan. Human Brain Mapping, 2015, 36, 3020-3037.	1.9	101
483	Thalamic structures and associated cognitive functions: Relations with age and aging. Neuroscience and Biobehavioral Reviews, 2015, 54, 29-37.	2.9	205
484	Permutation and parametric tests for effect sizes in voxel-based morphometry of gray matter volume in brain structural MRI. Magnetic Resonance Imaging, 2015, 33, 1299-1305.	1.0	28
485	Asymmetries of the central sulcus in young adults: Effects of gender, age and sulcal pattern. International Journal of Developmental Neuroscience, 2015, 44, 65-74.	0.7	2

#	Article	IF	Citations
486	Cross-sectional versus longitudinal estimates of age-related changes in the adult brain: overlaps and discrepancies. Neurobiology of Aging, 2015, 36, 2563-2567.	1.5	62
487	Differential age-dependent associations of gray matter volume and white matter integrity with processing speed in healthy older adults. NeuroImage, 2015, 123, 42-50.	2.1	56
488	Reduced dorsal premotor cortex and primary motor cortex connectivity in older adults. Neurobiology of Aging, 2015, 36, 301-303.	1.5	24
489	Energy Metabolism of Synaptosomes from Different Neuronal Systems of Rat Cerebellum During Aging: A Functional Proteomic Characterization. Neurochemical Research, 2015, 40, 172-185.	1.6	7
490	Age-related decrease of functional connectivity additional to gray matter atrophy in a network for movement initiation. Brain Structure and Function, 2015, 220, 999-1012.	1.2	42
491	Imaging of the Normal Aging Brain. , 2016, , .		0
492	A voxel-based morphometric study of age- and sex-related changes in white matter volume in the normal aging brain. Neuropsychiatric Disease and Treatment, 2016, 12, 453.	1.0	40
494	Effects of Omega-3 Fatty Acid Supplementation on Cognitive Functions and Neural Substrates: A Voxel-Based Morphometry Study in Aged Mice. Frontiers in Aging Neuroscience, 2016, 8, 38.	1.7	48
495	Age effects on the nucleus of the lateral olfactory tract of the rat. Journal of Comparative Neurology, 2016, 524, 759-771.	0.9	10
496	Gait speed in older people: an easy test for detecting cognitive impairment, functional independence, and health state. Psychogeriatrics, 2016, 16, 165-171.	0.6	40
497	Negative and interactive effects of sex, aging, and alcohol abuse on gray matter morphometry. Human Brain Mapping, 2016, 37, 2276-2292.	1.9	52
498	Development and aging of superficial white matter myelin from young adulthood to old age: Mapping by vertexâ€based surface statistics (VBSS). Human Brain Mapping, 2016, 37, 1759-1769.	1.9	35
499	Modulative effects of COMT haplotype on age-related associations with brain morphology. Human Brain Mapping, 2016, 37, 2068-2082.	1.9	10
500	Auditory Temporal Processing Deficits in Chronic Stroke: A Comparison of Brain Damage Lateralization Effect. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 1403-1410.	0.7	7
501	Relationship of metabolic and endocrine parameters to brain glucose metabolism in older adults: do cognitively-normal older adults have a particular metabolic phenotype?. Biogerontology, 2016, 17, 241-255.	2.0	20
502	White matter disease in midlife is heritable, related to hypertension, and shares some genetic influence with systolic blood pressure. NeuroImage: Clinical, 2016, 12, 737-745.	1.4	23
503	Computational exploration of wave propagation and heating from transcranial focused ultrasound for neuromodulation. Journal of Neural Engineering, 2016, 13, 056002.	1.8	50
504	On the interplay between chronic pain and age with regard to neurocognitive integrity: Two interacting conditions?. Neuroscience and Biobehavioral Reviews, 2016, 69, 174-192.	2.9	5

#	Article	IF	CITATIONS
505	Adult age differences in subcortical myelin content are consistent with protracted myelination and unrelated to diffusion tensor imaging indices. NeuroImage, 2016, 143, 26-39.	2.1	93
506	Executive Functions and Neurocognitive Aging. , 2016, , 245-262.		39
507	The effect of aging on the brain network for exception word reading. Cortex, 2016, 84, 90-100.	1.1	9
508	Motor and mental training in older people: Transfer, interference, and associated functional neural responses. Neuropsychologia, 2016, 89, 371-377.	0.7	8
509	Alzheimer's Disease: An Overview. , 2016, , 58-63.		1
510	Age estimation using effective brain local features from T1-weighted images. , 2016, 2016, 5941-5944.		4
511	Listening and Learning: Cognitive Contributions to the Rehabilitation of Older Adults With and Without Audiometrically Defined Hearing Loss. Ear and Hearing, 2016, 37, 155S-162S.	1.0	15
513	The Role of ADCâ€Based Thermometry in Measuring Brain Intraventricular Temperature in Children. Journal of Neuroimaging, 2016, 26, 315-323.	1.0	3
514	Mitochondrial Dysfunction in Neurodegenerative Disorders. , 2016, , .		3
515	The Ageing Brain, Mitochondria and Neurodegeneration. , 2016, , 59-80.		4
518	Relationship between grey matter integrity and executive abilities in aging. Brain Research, 2016, 1642, 562-580.	1.1	34
519	Prediction of Malignant Middle Cerebral Artery Infarction in Elderly Patients. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 1389-1395.	0.7	17
520	Harmonizing DTI measurements across scanners to examine the development of white matter microstructure in 803 adolescents of the NCANDA study. NeuroImage, 2016, 130, 194-213.	2.1	85
521	Fitness, insulin sensitivity, and frontal lobe integrity in adults with overweight and obesity. Obesity, 2016, 24, 1283-1289.	1.5	15
522	Age-associated differences on structural brain MRI in nondemented individuals from 71 to 103 years. Neurobiology of Aging, 2016, 40, 86-97.	1.5	35
523	Clucose Dysregulation Interacts With APOE-â´Š4 to Potentiate Temporoparietal Cortical Thinning. American Journal of Alzheimer's Disease and Other Dementias, 2016, 31, 76-86.	0.9	11
524	Mild cognitive impairment affects motor control and skill learning. Reviews in the Neurosciences, 2016, 27, 197-217.	1.4	18
525	Brain atrophy in Alzheimer's Disease and aging. Ageing Research Reviews, 2016, 30, 25-48.	5.0	507

		CITATION REPORT		
#	Article		IF	CITATIONS
526	The Affective Neuroscience of Aging. Annual Review of Psychology, 2016, 67, 213-238.		9.9	200
527	Association of change in brain structure to objectively measured physical activity and se behavior in older adults: Age, Gene/Environment Susceptibility-Reykjavik Study. Behavio Research, 2016, 296, 118-124.		1.2	56
528	Working memory binding of visual object features in older adults. Aging, Neuropsycholo Cognition, 2016, 23, 263-281.	ogy, and	0.7	21
529	The effect of aging on gait parameters in able-bodied older subjects: a literature review. and Experimental Research, 2016, 28, 393-405.	Aging Clinical	1.4	115
530	Cortical grey matter content is associated with both age and bimanual performance, bu observed to mediate age-related behavioural decline. Brain Structure and Function, 201		1.2	9
531	Gray Matter Atrophy in the Cerebellum—Evidence of Increased Vulnerability of the Cru with Advancing Age. Cerebellum, 2017, 16, 388-397.	is and Vermis	1.4	11
532	Longitudinal brain structure and cognitive changes over 8 years in an East Asian cohort. 2017, 147, 852-860.	. Neurolmage,	2.1	53
533	A Study of volumetric variations of basal nuclei in the normal human brain by magnetic imaging. Clinical Anatomy, 2017, 30, 175-182.	resonance	1.5	7
535	Effects of aging on \$\$T_{1}\$\$ T 1 , \$\$T_{2}^{*}\$\$ T 2. Brain Structure and Function, 2	2017, 222, 2487-2505.	1.2	97
536	Ageâ€related changes of gustatory function depend on alteration of neuronal circuits. J Neuroscience Research, 2017, 95, 1927-1936.	ournal of	1.3	30
537	Multiregional Age-Associated Reduction of Brain Neuronal Reserve Without Association Neurofibrillary Degeneration or Î <sup>2</sup> -Amyloidosis. Journal of Neuropathology and Experime Neurology, 2017, 76, 439-457.		0.9	14
538	Stereological quantification of age-related changes in myelinated fibers of rat white ma NeuroReport, 2017, 28, 42-49.	tter.	0.6	10
539	Regional cerebral cortical thickness correlates with autonomic outflow. Autonomic Neu Basic and Clinical, 2017, 207, 28-36.	roscience:	1.4	15
540	Evolution of deep gray matter volume across the human lifespan. Human Brain Mapping 3771-3790.	g, 2017, 38,	1.9	115
541	Reâ€imagining Alzheimer's disease – the diminishing importance of amyloid and a gli ahead. Journal of Neurochemistry, 2017, 143, 432-444.	mpse of what lies	2.1	83
542	Multi-scale radiomic analysis of sub-cortical regions in MRI related to autism, gender an Scientific Reports, 2017, 7, 45639.	d age.	1.6	46
543	Concordance among indices of intrinsic brain function: Insights from inter-individual van temporal dynamics. Science Bulletin, 2017, 62, 1572-1584.	riation and	4.3	92
544	Volumetric changes in the aging rat brain and its impact on cognitive and locomotor fu Experimental Gerontology, 2017, 99, 69-79.	nctions.	1.2	63

#	Article	IF	CITATIONS
545	Use of near-infrared spectroscopy in the investigation of brain activation during cognitive aging: A systematic review of an emerging area of research. Ageing Research Reviews, 2017, 38, 52-66.	5.0	58
546	Left caudal middle frontal gray matter volume mediates the effect of age on self-initiated elaborative encoding strategies. Neuropsychologia, 2017, 106, 341-349.	0.7	9
547	Cortical gray and subcortical white matter associations in Parkinson's disease. Neurobiology of Aging, 2017, 49, 100-108.	1.5	18
548	The effects of HIV and aging on subcortical shape alterations: A 3D morphometric study. Human Brain Mapping, 2017, 38, 1025-1037.	1.9	32
549	Age-related differences in the structural complexity of subcortical and ventricular structures. Neurobiology of Aging, 2017, 50, 87-95.	1.5	35
550	Regional cerebellar volumetric correlates of manual motor and cognitive function. Brain Structure and Function, 2017, 222, 1929-1944.	1.2	49
551	Executive and Language Subjective Cognitive Decline Complaints Discriminate Preclinical Alzheimer's Disease from Normal Aging. Journal of Alzheimer's Disease, 2017, 61, 689-703.	1.2	33
552	Brain age estimation from T1-weighted images using effective local features. , 2017, 2017, 3028-3031.		5
554	Don't Lose Your Brain at Work – The Role of Recurrent Novelty at Work in Cognitive and Brain Aging. Frontiers in Psychology, 2017, 8, 117.	1.1	45
555	MRI Visual Ratings of Brain Atrophy and White Matter Hyperintensities across the Spectrum of Cognitive Decline Are Differently Affected by Age and Diagnosis. Frontiers in Aging Neuroscience, 2017, 9, 117.	1.7	71
556	Linking Inter-Individual Variability in Functional Brain Connectivity to Cognitive Ability in Elderly Individuals. Frontiers in Aging Neuroscience, 2017, 9, 385.	1.7	40
557	Lifestyle Modulators of Neuroplasticity: How Physical Activity, Mental Engagement, and Diet Promote Cognitive Health during Aging. Neural Plasticity, 2017, 2017, 1-22.	1.0	168
558	Altered Microstructural Caudate Integrity in Posttraumatic Stress Disorder but Not Traumatic Brain Injury. PLoS ONE, 2017, 12, e0170564.	1.1	18
559	Age effects on saccadic adaptation: Evidence from different paradigms reveals specific vulnerabilities. Journal of Vision, 2017, 17, 9.	0.1	12
561	MicroRNA-132 is associated with the cognition improvement following voluntary exercise in SAMP8 mice. Brain Research Bulletin, 2018, 140, 80-87.	1.4	28
562	Bilingualism and healthy aging: Aging effects and neural maintenance. Neuropsychologia, 2018, 111, 51-61.	0.7	48
563	Alcohol intake and brain white matter in middle aged men: Microscopic and macroscopic differences. NeuroImage: Clinical, 2018, 18, 390-398.	1.4	30
564	Predicting age from cortical structure across the lifespan. European Journal of Neuroscience, 2018, 47, 399-416.	1.2	79

#	Article	IF	CITATIONS
565	Supplementary motor area—primary motor cortex facilitation in younger but not older adults. Neurobiology of Aging, 2018, 64, 85-91.	1.5	28
566	Sleep-related brain atrophy and disrupted functional connectivity in older adults. Behavioural Brain Research, 2018, 347, 292-299.	1.2	27
567	Corpus callosum volumes in the 5â€ <sup>-</sup> years following the first-episode of schizophrenia: Effects of antipsychotics, chronicity and maturation. NeuroImage: Clinical, 2018, 18, 932-942.	1.4	14
568	Impact of immunoablation and autologous hematopoietic stem cell transplantation on gray and white matter atrophy in multiple sclerosis. Multiple Sclerosis Journal, 2018, 24, 1055-1066.	1.4	14
569	The cerebellum in Alzheimer's disease: evaluating its role in cognitive decline. Brain, 2018, 141, 37-47.	3.7	222
570	Variation in longitudinal trajectories of cortical sulci in normal elderly. NeuroImage, 2018, 166, 1-9.	2.1	17
571	Motivational Modulation of Age-Related Effects on Reaching Adaptation. Frontiers in Psychology, 2018, 9, 2285.	1.1	9
572	Brain parenchymal changes during normal aging in domestic cats. Pesquisa Veterinaria Brasileira, 2018, 38, 1196-1202.	0.5	1
573	42. Brain and language in healthy aging. , 2018, , 863-880.		2
574	The Role of Cognitive Reserve in Alzheimer's Disease and Aging: A Multi-Modal Imaging Review. Journal of Alzheimer's Disease, 2018, 66, 1341-1362.	1.2	32
575	Performance Evaluation of Age Estimation from T1-Weighted Images Using Brain Local Features and CNN. , 2018, 2018, 694-697.		6
576	Functional Connectivity During Handgrip Motor Fatigue in Older Adults Is Obesity and Sex-Specific. Frontiers in Human Neuroscience, 2018, 12, 455.	1.0	36
577	Prediabetes Is Associated With Structural Brain Abnormalities: The Maastricht Study. Diabetes Care, 2018, 41, 2535-2543.	4.3	68
578	Healthy Aging and Dementia: Two Roads Diverging in Midlife?. Frontiers in Aging Neuroscience, 2018, 10, 275.	1.7	78
579	The Effects of Normal Aging on Regional Accumulation of Hyaluronan and Chondroitin Sulfate Proteoglycans in the Mouse Brain. Journal of Histochemistry and Cytochemistry, 2018, 66, 697-707.	1.3	27
580	Effects of low-level sarin and cyclosarin exposure on hippocampal microstructure in Gulf War Veterans. Neurotoxicology and Teratology, 2018, 68, 36-46.	1.2	18
581	Is music a memory booster in normal aging? The influence of emotion. Memory, 2018, 26, 1344-1354.	0.9	12
582	Neuroplasticity across the lifespan and aging effects in bilinguals and monolinguals. Brain and Cognition, 2018, 125, 118-126.	0.8	53

#	Article	IF	CITATIONS
583	Microglia changes associated to Alzheimer's disease pathology in aged chimpanzees. Journal of Comparative Neurology, 2018, 526, 2921-2936.	0.9	30
584	Age Related Changes in Topological Properties of Brain Functional Network and Structural Connectivity. Frontiers in Neuroscience, 2018, 12, 318.	1.4	17
585	Disentangling the Contribution of Spatial Reference Frames to Executive Functioning in Healthy and Pathological Aging: An Experimental Study with Virtual Reality. Sensors, 2018, 18, 1783.	2.1	9
586	Structure–function multiâ€scale connectomics reveals a major role of the frontoâ€striatoâ€thalamic circuit in brain aging. Human Brain Mapping, 2018, 39, 4663-4677.	1.9	45
587	Multimodal cortical and hippocampal prediction of episodicâ€memory plasticity in young and older adults. Human Brain Mapping, 2018, 39, 4480-4492.	1.9	11
588	Conventional MRI. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 154, 219-234.	1.0	4
589	The effects of exercise on the structure of cognitive related brain regions: a meta-analysis of functional neuroimaging data. International Journal of Neuroscience, 2019, 129, 406-415.	0.8	20
590	Aging―and vascularâ€related pathologies. Microcirculation, 2019, 26, e12463.	1.0	22
591	An Age Estimation Method Using 3D-CNN From Brain MRI Images. , 2019, , .		31
592	Medial temporal lobe atrophy and posterior atrophy scales normative values. NeuroImage: Clinical, 2019, 24, 101936.	1.4	12
593	Active body, healthy brain: Exercise for healthy cognitive aging. International Review of Neurobiology, 2019, 147, 95-120.	0.9	13
594	Emotion regulation across the life span. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 163, 257-280.	1.0	30
595	Aging of the frontal lobe. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 163, 369-389.	1.0	57
596	MRâ€based ageâ€related effects on the striatum, globus pallidus, and thalamus in healthy individuals across the adult lifespan. Human Brain Mapping, 2019, 40, 5269-5288.	1.9	55
597	Episodic simulation and empathy in older adults and patients with unilateral medial temporal lobe excisions. Neuropsychologia, 2019, 135, 107243.	0.7	19
598	Associations Between the Subjective Cognitive Decline-Questionnaire's Scores, Gray Matter Volume, and Amyloid-β Levels. Journal of Alzheimer's Disease, 2019, 72, 1287-1302.	1.2	6
599	Joint contributions of cortical morphometry and white matter microstructure in healthy brain aging: A partial least squares correlation analysis. Human Brain Mapping, 2019, 40, 5315-5329.	1.9	35
600	Microglial Phagocytosis of Neurons: Diminishing Neuronal Loss in Traumatic, Infectious, Inflammatory, and Autoimmune CNS Disorders. Frontiers in Psychiatry, 2019, 10, 712.	1.3	54

#	Article	IF	CITATIONS
601	Unusual olfactory perception during radiation sessions for primary brain tumors: a retrospective study. Journal of Radiation Research, 2019, 60, 812-817.	0.8	13
602	Neuroimaging Biomarkers for Alzheimer's Disease. Molecular Neurodegeneration, 2019, 14, 21.	4.4	161
603	Arterial stiffness and brain integrity: A review of MRI findings. Ageing Research Reviews, 2019, 53, 100907.	5.0	42
604	The Effectiveness of Exercise on Cognitive Performance in Individuals with Known Vascular Disease: A Systematic Review. Journal of Clinical Medicine, 2019, 8, 294.	1.0	18
605	Effects of orientation change during environmental learning on age-related difference in spatial memory. Behavioural Brain Research, 2019, 365, 125-132.	1.2	10
606	Neural Scaffolding as the Foundation for Stable Performance of Aging Cerebellum. Cerebellum, 2019, 18, 500-510.	1.4	18
607	Regional cortical thickness and neuroticism across the lifespan. Psychiatry Research - Neuroimaging, 2019, 286, 39-44.	0.9	6
608	Identifying brain changes related to cognitive aging using VBM and visual rating scales. NeuroImage: Clinical, 2019, 22, 101697.	1.4	10
609	Debunking rumors on social media: The use of denials. Computers in Human Behavior, 2019, 96, 110-122.	5.1	40
610	Linear magnetic resonance imaging measurements of the hippocampal formation differ in young versus old dogs. Veterinary Record, 2019, 185, 306-306.	0.2	12
611	Visualizing the neuroanatomical changes in Han Chinese adulthood: A pseudo-longitudinal study based on age-related large-scale statistical Chinese brain atlases. Brain Science Advances, 2019, 5, 106-116.	0.3	0
612	Caudate Volume Mediates the Interaction between Total Sleep Time and Executive Function after Acute Exercise in Healthy Older Adults. Brain Plasticity, 2019, 5, 69-82.	1.9	20
613	Preservation of Memory Despite Unresected Contralateral Hippocampal Volume Loss After Resection of Hippocampal Sclerosis in Seizure-Free Patients. World Neurosurgery, 2019, 132, e759-e765.	0.7	2
614	The Effects of Lutein and Zeaxanthin Supplementation on Brain Morphology in Older Adults: A Randomized, Controlled Trial. Journal of Aging Research, 2019, 2019, 1-11.	0.4	9
615	Biological Sex: A Potential Moderator of Physical Activity Efficacy on Brain Health. Frontiers in Aging Neuroscience, 2019, 11, 329.	1.7	41
616	Effects of comorbidity burden and age on brain integrity in HIV. Aids, 2019, 33, 1175-1185.	1.0	35
617	Neuroimaging of the Aging Brain. , 2019, , 28-53.		0
618	Quantification of Cerebellar Crowding in Type I Chiari Malformation. Annals of Biomedical Engineering, 2019, 47, 731-743.	1.3	26

		CITATION	Report	
#	Article		IF	CITATIONS
619	Age but no sex effects on subareas of the amygdala. Human Brain Mapping, 2019, 40, 16	97-1704.	1.9	17
620	Examining the relationship between nutrition and cerebral structural integrity in older add without dementia. Nutrition Research Reviews, 2019, 32, 79-98.	ults	2.1	8
621	Amygdala subnuclei and healthy cognitive aging. Human Brain Mapping, 2019, 40, 34-52		1.9	12
622	Beneficial effects of dietary restriction in aging brain. Journal of Chemical Neuroanatomy, 123-133.	2019, 95,	1.0	35
623	Sex-Specific Relationship Between Long-Term Maintenance of Physical Activity and Cogni Health ABC Study: Potential Role of Hippocampal and Dorsolateral Prefrontal Cortex Volu Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 76	ime.	1.7	28
624	Oxidative stress differentially induces tau dissociation from neuronal microtubules in neu neurons cultured from different regions of the embryonic <i>Gallus domesticus</i> brain. Neuroscience Research, 2020, 98, 734-747.	rites of Journal of	1.3	5
625	Influence of Age on Global and Regional Brain Stiffness in Young and Middleâ€Aged Adul Magnetic Resonance Imaging, 2020, 51, 727-733.	s. Journal of	1.9	34
626	Cortical Brain Age from Pre-treatment to Post-chemotherapy in Patients with Breast Cano Neurotoxicity Research, 2020, 37, 788-799.	er.	1.3	22
627	Prediabetes and structural brain abnormalities: Evidence from observational studies. Diabetes/Metabolism Research and Reviews, 2020, 36, e3261.		1.7	8
628	Linear vs volume measures of ventricle size. Neurology, 2020, 94, e549-e556.		1.5	19
629	Effects of Ving Tsun sticking-hand training on upper-limb sensorimotor performance in community-dwelling middle-aged and older adults: A randomized controlled trial. Internat Journal of Nursing Sciences, 2020, 7, 29-34.	ional	0.5	2
630	Epigenome-wide association study of Alzheimer's disease replicates 22 differentially r positions and 30 differentially methylated regions. Clinical Epigenetics, 2020, 12, 149.	nethylated	1.8	43
631	Apathy is not associated with reduced ventral striatal volume in patients with schizophrei Schizophrenia Research, 2020, 223, 279-288.	nia.	1.1	5
632	Long-Term Running Exercise Delays Age-Related Changes in White Matter in Rats. Frontie Neuroscience, 2020, 12, 590530.	rs in Aging	1.7	6
633	Age-related prefrontal cortex activation in associative memory: An fNIRS pilot study. Neur 2020, 222, 117223.	olmage,	2.1	7
634	Cerebellar network organization across the human menstrual cycle. Scientific Reports, 20 20732.	20, 10,	1.6	21
635	Time-Varying Gene Network Analysis of Human Prefrontal Cortex Development. Frontiers 2020, 11, 574543.	in Genetics,	1.1	2
636	Machine Learning Classification Identifies Cerebellar Contributions to Early and Moderate Decline in Alzheimer's Disease. Frontiers in Aging Neuroscience, 2020, 12, 524024.	Cognitive	1.7	7

	CITATION	Report	
#	Article	IF	CITATIONS
637	The Effect of a Multicomponent Dual-Task Exercise on Cortical Thickness in Older Adults with Cognitive Decline: A Randomized Controlled Trial. Journal of Clinical Medicine, 2020, 9, 1312.	1.0	14
638	Morphometrical study of the cat cerebellum using unbiased designâ€based stereology. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2020, 49, 788-797.	0.3	6
639	Implication of JAK1/STAT3/SOCS3 Pathway in Aging of Cerebellum of Male Rat: Histological and Molecular study. Scientific Reports, 2020, 10, 8840.	1.6	5
640	Neuroprotective Role of Dietary Supplementation with Omega-3 Fatty Acids in the Presence of Basal Forebrain Cholinergic Neurons Degeneration in Aged Mice. International Journal of Molecular Sciences, 2020, 21, 1741.	1.8	14
641	Physical Activity, Ability to Walk, Weight Status, and Multimorbidity Levels in Older Spanish People: The National Health Survey (2009–2017). International Journal of Environmental Research and Public Health, 2020, 17, 4333.	1.2	9
642	Association of Markers of Microvascular Dysfunction With Prevalent and Incident Depressive Symptoms. Hypertension, 2020, 76, 342-349.	1.3	18
643	The brains of aged mice are characterized by altered tissue diffusion properties and cerebral microbleeds. Journal of Translational Medicine, 2020, 18, 277.	1.8	14
644	Memory and Mood in the Menopause. , 2020, , 86-97.		0
645	Complex Gait Is Related to Cognitive Functioning in Older People: A Cross-Sectional Study Providing an Innovative Test. Gerontology, 2020, 66, 401-408.	1.4	10
646	Volumetric reduction of cerebellar lobules associated with memory decline across the adult lifespan. Quantitative Imaging in Medicine and Surgery, 2020, 10, 148-159.	1.1	9
647	Changes in white matter fiber density and morphology across the adult lifespan: A crossâ€sectional fixelâ€based analysis. Human Brain Mapping, 2020, 41, 3198-3211.	1.9	34
648	The frontal pole and cognitive insight in schizophrenia. Psychiatry Research - Neuroimaging, 2021, 308, 111236.	0.9	10
649	Effects of genomic copy number variants penetrant for schizophrenia on cortical thickness and surface area in healthy individuals: analysis of the UK Biobank. British Journal of Psychiatry, 2021, 218, 104-111.	1.7	8
650	Cross-Sectional Volumes and Trajectories of the Human Brain, Gray Matter, White Matter and Cerebrospinal Fluid in 9473 Typically Aging Adults. Neuroinformatics, 2021, 19, 347-366.	1.5	13
651	Cerebellum—aging of the neuronal machine. , 2021, , 281-288.		4
652	Executive functions and neurocognitive aging. , 2021, , 67-81.		11
653	Influence of regional white matter hyperintensity volume and apolipoprotein E ε4 status on hippocampal volume in healthy older adults. Hippocampus, 2021, 31, 469-480.	0.9	13
654	Differential Patterns of Gyral and Sulcal Morphological Changes During Normal Aging Process. Frontiers in Aging Neuroscience, 2021, 13, 625931.	1.7	13

#	Article	IF	CITATIONS
655	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3–90 years. Human Brain Mapping, 2022, 43, 452-469.	1.9	72
656	The relation of depression with structural brain abnormalities and cognitive functioning: the Maastricht study. Psychological Medicine, 2022, 52, 3521-3530.	2.7	7
657	Carotenoids and Cognitive Outcomes: A Meta-Analysis of Randomized Intervention Trials. Antioxidants, 2021, 10, 223.	2.2	37
658	Designâ€based stereological study of the guineaâ€pig ( Cavia porcellus ) cerebellum. Journal of Anatomy, 2021, 239, 517-528.	0.9	4
659	Understanding the Neurophysiological and Molecular Mechanisms of Exercise-Induced Neuroplasticity in Cortical and Descending Motor Pathways: Where Do We Stand?. Neuroscience, 2021, 457, 259-282.	1.1	25
660	Periventricular and deep abnormal white matter differ in associations with cognitive performance at midlife Neuropsychology, 2021, 35, 252-264.	1.0	3
661	Association Between Olfactory Function and Asthma in Adults. Journal of Asthma and Allergy, 2021, Volume 14, 309-316.	1.5	4
662	The Relationship between Physical Fitness and Reasoning in Community-Dwelling Older Adults. Activities, Adaptation and Aging, 0, , 1-11.	1.7	4
663	Region-specific vulnerability in neurodegeneration: lessons from normal ageing. Ageing Research Reviews, 2021, 67, 101311.	5.0	27
664	Differentially expressed genes in Alzheimer's disease highlighting the roles of microglia genes including OLR1 and astrocyte gene CDK2AP1. Brain, Behavior, & Immunity - Health, 2021, 13, 100227.	1.3	28
665	Differential Age Trajectories of White Matter Changes Between Sexes Correlate with Cognitive Performances. Brain Connectivity, 2021, 11, 759-771.	0.8	2
666	Voxel-based correlation of 18F-THK5351 accumulation with gray matter structural networks in cognitively normal older adults. ENeurologicalSci, 2021, 23, 100343.	0.5	0
667	Dissecting the midlife crisis: disentangling social, personality and demographic determinants in social brain anatomy. Communications Biology, 2021, 4, 728.	2.0	18
668	MRI of healthy brain aging: A review. NMR in Biomedicine, 2021, 34, e4564.	1.6	59
669	How Do We Motorically Resonate in Aging? A Compensatory Role of Prefrontal Cortex. Frontiers in Aging Neuroscience, 2021, 13, 694676.	1.7	4
670	The Impact of Common Epidemiological Factors on Gray and White Matter Volumes in Magnetic Resonance Imaging–Is Prevention of Brain Degeneration Possible?. Frontiers in Neurology, 2021, 12, 633619.	1.1	6
671	Volumetric data of normal nucleus accumbens from magnetic resonance imaging scans. Medicine and Pharmacy Reports, 0, , .	0.2	0
672	Do glia provide the link between lowâ€grade systemic inflammation and normal cognitive ageing? A <sup>1</sup> H magnetic resonance spectroscopy study at 7 tesla. Journal of Neurochemistry, 2021, 159, 185-196	2.1	11

#	Article	IF	CITATIONS
673	A human craniofacial life ourse: Crossâ€sectional morphological covariations during postnatal growth, adolescence, and aging. Anatomical Record, 2022, 305, 81-99.	0.8	3
674	Effects of aging on conditional visuomotor learning for grasping and lifting eccentrically weighted objects. Journal of Applied Physiology, 2021, 131, 937-948.	1.2	4
675	Global hippocampal and selective thalamic nuclei atrophy differentiate chronic TBI from Non-TBI. Cortex, 2021, 145, 37-56.	1.1	8
676	Brain volume change after high-dose immunosuppression and autologous hematopoietic cell transplantation for relapsing-remitting multiple sclerosis. Multiple Sclerosis and Related Disorders, 2021, 54, 103149.	0.9	3
678	Differential vulnerability of the cerebellum in healthy ageing and Alzheimer's disease. NeuroImage: Clinical, 2021, 30, 102605.	1.4	31
679	Toward a unified analysis of cerebellum maturation and aging across the entire lifespan: A <scp>MRI</scp> analysis. Human Brain Mapping, 2021, 42, 1287-1303.	1.9	19
680	Discriminative Analysis for Image-Based Studies. Lecture Notes in Computer Science, 2002, , 508-515.	1.0	18
681	Incorporating DTI Data as a Constraint in Deformation Tensor Morphometry Between T1 MR Images. Lecture Notes in Computer Science, 2007, 20, 223-232.	1.0	9
682	Approximations of the Diffeomorphic Metric and Their Applications in Shape Learning. Lecture Notes in Computer Science, 2011, 22, 257-270.	1.0	8
684	Age-Related Effects on Interoceptive Accuracy, General Interoceptive Sensibility, and Specific Interoceptive Sensibility. European Journal of Health Psychology, 2020, 27, 154-170.	0.3	8
685	Age-Related Differences in Localized Attentional Interference Psychology and Aging, 2004, 19, 203-210.	1.4	33
686	Mapping cortical change across the human life span. , 0, .		1
687	Age-Related Changes in Relaxation Times, Proton Density, Myelin, and Tissue Volumes in Adult Brain Analyzed by 2-Dimensional Quantitative Synthetic Magnetic Resonance Imaging. Investigative Radiology, 2021, 56, 163-172.	3.5	30
695	Lobule-Specific Dosage Considerations for Cerebellar Transcranial Direct Current Stimulation During Healthy Aging: A Computational Modeling Study Using Age-Specific Magnetic Resonance Imaging Templates. Neuromodulation, 2020, 23, 341-365.	0.4	26
696	Hippocampal volume measurement in older adults with bipolar disorder. American Journal of Geriatric Psychiatry, 2004, 12, 613-20.	0.6	36
697	Hippocampal volume, PTSD, and alcoholism in combat veterans. American Journal of Psychiatry, 2006, 163, 674-81.	4.0	48
698	Aktywność fizyczna a kondycja psychiczna osób starszych. Rocznik Andragogiczny, 0, 24, 127.	0.1	1
699	Auditory Feedback Control of Vocal Pitch during Sustained Vocalization: A Cross-Sectional Study of Adult Aging. PLoS ONE, 2011, 6, e22791.	1.1	31

#	Article	IF	CITATIONS
700	The Changes of Cerebral Morphology Related to Aging in Taiwanese Population. PLoS ONE, 2013, 8, e55241.	1.1	3
701	Prevalence of Subjective Olfactory Dysfunction and Its Risk Factors: Korean National Health and Nutrition Examination Survey. PLoS ONE, 2013, 8, e62725.	1.1	61
702	Regional gray matter correlates of memory for emotion-laden words in middle-aged and older adults: A voxel-based morphometry study. PLoS ONE, 2017, 12, e0182541.	1.1	2
703	Feasibility Study of Laser Acupuncture on Static Balance in Healthy Elderly Women: Pilot Study. , 2015, , .		1
704	Magnetic resonance imaging and neuropsychological testing in the spectrum of normal aging. Clinics, 2013, 68, 1197-1205.	0.6	2
705	Medial Temporal Lobe Subregional Atrophy in Aging and Alzheimer's Disease: A Longitudinal Study. Frontiers in Aging Neuroscience, 2021, 13, 750154.	1.7	19
707	Neuroimaging Changes in Preclinical Alzheimer's Disease. Perspectives on Neurophysiology and Neurogenic Speech and Language Disorders, 2003, 13, 12-19.	0.4	0
708	Olfaction and Aging. , 2006, , 173-180.		1
710	Aged Changes of Glu/GABA Expression in the Cerebellar Cortex of Cats. Zoological Research, 2008, 29, 152-158.	0.6	0
711	Aging and Gender. Science & Practice Perspectives / A Publication of the National Institute on Drug Abuse, National Institutes of Health, 2009, , 1-15.	0.4	0
714	Immune Responses in HIV Infection, Alcoholism, and Aging: A Neuroimaging Perspective. , 2013, , 441-476.		0
715	AGE RELATED CHANGES IN THE GRANULE CELL NUMBER IN THE HUMAN CEREBELLAR CORTEX. Journal of Evolution of Medical and Dental Sciences, 2013, 2, 2698-2704.	0.1	2
716	AGE RELATED CHANGES IN THE PURKINJE CELLS IN HUMAN CEREBELLAR CORTEX. Journal of Evolution of Medical and Dental Sciences, 2013, 2, 5882-5890.	0.1	1
720	The Immediate Effects of Laser Acupuncture on Static Balance in Healthy Female Older Adults. International Journal of Bio-Science and Bio-Technology, 2015, 7, 319-326.	0.2	0
722	STEREOLOGICAL EVIDENCE FOR DE/RE-GENERATION OF MYELIN SHEATHS IN AGED BRAIN WHITE MATTER OF FEMALE RATS. Image Analysis and Stereology, 2017, 36, 113.	0.4	2
723	NeurobiologÃa, neurorehabilitación y neurorestauración de la marcha del adulto mayor: conceptos recientes. Investigacion Clinica, 2018, 59, 52-56.	0.0	0
728	Neuroscience of Aging. , 2020, , 1-7.		0
729	Exercise, cognitive creativity, and dementia. , 2020, , 827-842.		0

# 732	ARTICLE Structural changes in the aging brain. , 2020, , 59-69.	IF	CITATIONS 0
733	Longitudinal Analysis of Brain-Predicted Age in Amnestic and Non-amnestic Sporadic Early-Onset Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 729635.	1.7	7
735	Synaptic Pathology in Dementia. , 2006, , 431-443.		0
739	In vivo Age-related Changes in Cortical, Subcortical Nuclei, and Subventricular Zone: A Diffusion Tensor Imaging Study. , 2013, 4, 65-75.		2
741	Effect of on pathophysiology of mild chronic cerebral hypoperfusion in rats. Avicenna Journal of Phytomedicine, 2018, 8, 210-226.	0.1	4
742	Cognitive aging, executive function, and fractional anisotropy: a diffusion tensor MR imaging study. American Journal of Neuroradiology, 2007, 28, 226-35.	1.2	256
743	Neuroscience of Aging. , 2021, , 3465-3471.		0
744	Alternation in Effective Connectivity With Cognitive Aging: A Longitudinal Study of Elderly Populations. Frontiers in Aging Neuroscience, 2021, 13, 755931.	1.7	2
745	Differences in Diffusion Tensor Imaging White Matter Integrity Related to Verbal Fluency Between Young and Old Adults. Frontiers in Aging Neuroscience, 2021, 13, 750621.	1.7	3
746	Advanced Neuroimaging for Prevention of Brain Aging. , 2022, , 57-65.		0
747	Atassie cerebellari ereditarie. EMC - Neurologia, 2021, 21, 1-14.	0.0	0
749	Charting human subcortical maturation across the adult lifespan with in vivo 7ÂT MRI. NeuroImage, 2022, 249, 118872.	2.1	13
750	Race, sex, and midâ€life changes in brain health: Cardia MRI substudy. Alzheimer's and Dementia, 2022, 18, 2428-2437.	0.4	3
751	The Volumetric Changes of the Pineal Gland with Age: An Atlas-based Structural Analysis. Experimental Aging Research, 2022, 48, 474-504.	0.6	0
752	IoT-Based Unobtrusive Physical Activity Monitoring System for Predicting Dementia. IEEE Access, 2022, 10, 26078-26089.	2.6	14
753	Bridging patterns of neurocognitive aging across the older adult lifespan. Neuroscience and Biobehavioral Reviews, 2022, 135, 104594.	2.9	6
754	Fornix volumetric increase and microglia morphology contribute to spatial and recognition-like memory decline in ageing male mice. NeuroImage, 2022, 252, 119039.	2.1	4
755	Intranasal oxytocin modulates the salience network in aging. NeuroImage, 2022, 253, 119045.	2.1	3

ARTICLE IF CITATIONS # Don't forget the little brain: A framework for incorporating the cerebellum into the understanding 756 2.9 15 of cognitive aging. Neuroscience and Biobehavioral Reviews, 2022, 137, 104639. Higher-order multi-shell diffusion measures complement tensor metrics and volume in gray matter 2.1 9 when predicting age and cognition. NeuroImage, 2022, 253, 119063. Longitudinal study of the effect of a 5-year exercise intervention on structural brain complexity in 758 2.1 10 older adults. A Generation 100 substudy. NeuroImage, 2022, 256, 119226. I remember therefore I am: Episodic memory retrieval and self-reported trait empathy judgments in young and older adults and individuals with medial temporal lobe excisions. Cognition, 2022, 225, 105124. Epigenetic ageing of the prefrontal cortex and cerebellum in humans and chimpanzees. Epigenetics, 768 1.3 5 2022, 17, 1774-1785. The association of reproductive stage with lobular cerebellar network connectivity across female adulthood. Neurobiology of Aging, 2022, 117, 139-150. 1.5 The effect of long-term exposure to toxic air pollutants on the increased risk of malignant brain 770 7 1.1 tumors. Reviews on Environmental Health, 2023, 38, 519-530. Visualizing the neuroanatomical changes in Han Chinese adulthood: A pseudo-longitudinal study based on age-related large-scale statistical Chinese brain atlases. Brain Science Advances, 2019, 5, 771 0.3 106-116. Age–volume associations in cerebellar lobules by sex and reproductive stage. Brain Structure and 772 1.2 1 Function, 2022, 227, 2439-2455. Quantifiable brain atrophy synthesis for benchmarking of cortical thickness estimation methods. Medical Image Analysis, 2022, 82, 102576. Structural and functional network mechanisms of rescuing cognitive control in aging. NeuroImage, 774 2.1 8 2022, 262, 119547. Brain age vector: A measure of brain aging with enhanced neurodegenerative disorder specificity. Human Brain Mapping, 2022, 43, 5017-5031. Aging in nucleus accumbens and its impact on alcohol use disorders. Alcohol, 2023, 107, 73-90. 776 0.8 2 High-order functional redundancy in ageing explained via alterations in the connectome in a whole-brain model. PLoS Computational Biology, 2022, 18, e1010431. 1.5 Multiâ€atlas thalamic nuclei segmentation on standard <scp>T1</scp>â€weighed <scp>MRI</scp> with 778 1.9 7 application to normal aging. Human Brain Mapping, 2023, 44, 612-628. Understanding cognitive control in aging: A brain network perspective. Frontiers in Aging 779 Neuroscience, 0, 14, . Advanced brain ageing in adult psychopathology: A systematic review and meta-analysis of structural MRI studies. Journal of Psychiatric Research, 2023, 157, 180-191. 780 1.54 Diffusion tensor imaging of superficial prefrontal white matter in healthy aging. Brain Research, 2023, 781 1.1 1799, 148152.

#	Article	IF	CITATIONS
782	Relationship of size of corpus callosum with white matter changes in elderly population; A retrospective analytical cross-sectional study. Annals of Medicine and Surgery, 2022, 84, .	0.5	0
783	Optimal transport features for morphometric population analysis. Medical Image Analysis, 2023, 84, 102696.	7.0	2
784	Heritability of Subcortical Grey Matter Structures. Medicina (Lithuania), 2022, 58, 1687.	0.8	1
785	Age interferes with sensorimotor timing and error correction in the supra-second range. Frontiers in Aging Neuroscience, 0, 14, .	1.7	1
786	Age-related differences of cerebellar cortex and nuclei: MRI findings in healthy controls and its application to spinocerebellar ataxia (SCA6) patients. NeuroImage, 2023, 270, 119950.	2.1	1
787	Resistance Training Increases White Matter Density in Frail Elderly Women. Journal of Clinical Medicine, 2023, 12, 2684.	1.0	2
788	Characterizing age- and sex-related differences in brain structure among middle-aged and older Hispanic/Latino adults in the study of Latinos- investigation of neurocognitive aging magnetic resonance imaging (SOL-INCA MRI). Neurobiology of Aging, 2023, 126, 58-66.	1.5	1
789	Changes in the volumes and asymmetry of subcortical structures in healthy individuals according to gender. Anatomical Science International, 2023, 98, 506-519.	0.5	1
790	Happy and sad music acutely modulate different types of attention in older adults. Frontiers in Psychology, 0, 14, .	1.1	3
791	Effects of clinical, comorbid, and social determinants of health on brain ageing in people with and without HIV: a retrospective case-control study. Lancet HIV,the, 2023, 10, e244-e253.	2.1	2
792	Smaller Cerebellar Lobule VIIb is Associated with Tremor Severity in Parkinson's Disease. Cerebellum, 0, , .	1.4	3
794	Associations of baseline and longitudinal change in cerebellum volume with age-related changes in verbal learning and memory. NeuroImage, 2023, 272, 120048.	2.1	2
795	Aging-related decline in the neuromotor control of speech production: current and future. Frontiers in Aging Neuroscience, 0, 15, .	1.7	0
797	Yoga Practitioners and Non-yoga Practitioners to Deal Neurodegenerative Disease in Neuro Regions. Cognitive Technologies, 2023, , 67-91.	0.5	0
800	Consensus Paper: Cerebellum and Ageing. Cerebellum, 0, , .	1.4	7