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List of Publications by Year in descending order

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36 papers	1,497 citations	471061 17 h-index	377514 34 g-index
47 all docs	47 docs citations	47 times ranked	2808 citing authors

#	Article	IF	Citations
1	Automated quality control for within and between studies diffusion MRI data using a non-parametric framework for movement and distortion correction. NeuroImage, 2019, 184, 801-812.	2.1	197
2	Classification and characterization of periventricular and deep white matter hyperintensities on MRI: A study in older adults. NeuroImage, 2018, 170, 174-181.	2.1	191
3	The forgotten APOE allele: A review of the evidence and suggested mechanisms for the protective effect of APOE É›2. Neuroscience and Biobehavioral Reviews, 2013, 37, 2878-2886.	2.9	157
4	Multimodal brain-age prediction and cardiovascular risk: The Whitehall II MRI sub-study. NeuroImage, 2020, 222, 117292.	2.1	85
5	Reduced cerebrovascular reactivity in young adults carrying the APOE Îµ4 allele. Alzheimer's and Dementia, 2015, 11, 648.	0.4	84
6	Apolipoprotein E genotype, gender and age modulate connectivity of the hippocampus in healthy adults. NeuroImage, 2014, 98, 23-30.	2.1	80
7	Prediction of brain age and cognitive age: Quantifying brain and cognitive maintenance in aging. Human Brain Mapping, 2021, 42, 1626-1640.	1.9	74
8	Individual variations in â€˜brain ageâ€™ relate to early-life factors more than to longitudinal brain change. ELife, 2021, 10, .	2.8	71
9	Self-reported sleep relates to hippocampal atrophy across the adult lifespan: results from the Lifebrain consortium. Sleep, 2020, 43, .	0.6	53
10	The maternal brain: Regionâ€specific patterns of brain aging are traceable decades after childbirth. Human Brain Mapping, 2020, 41, 4718-4729.	1.9	53
11	Sleep duration over 28 years, cognition, gray matter volume, and white matter microstructure: a prospective cohort study. Sleep, 2020, 43, .	0.6	37
12	Effect of age and the APOE gene on metabolite concentrations in the posterior cingulate cortex. NeuroImage, 2017, 152, 509-516.	2.1	36
13	Association of Midlife Cardiovascular Risk Profiles With Cerebral Perfusion at Older Ages. JAMA Network Open, 2019, 2, e195776.	2.8	36
14	Using Structural and Diffusion Magnetic Resonance Imaging To Differentiate the Dementias. Current Neurology and Neuroscience Reports, 2014, 14, 475.	2.0	31
15	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. Cerebral Cortex, 2022, 32, 839-854.	1.6	25
16	Poor Self-Reported Sleep is Related to Regional Cortical Thinning in Aging but not Memory Declineâ€”Results From the Lifebrain Consortium. Cerebral Cortex, 2021, 31, 1953-1969.	1.6	25
17	Associations of dietary markers with brain volume and connectivity: A systematic review of MRI studies. Ageing Research Reviews, 2021, 70, 101360.	5.0	23
18	Distinct resting-state functional connections associated with episodic and visuospatial memory in older adults. NeuroImage, 2017, 159, 122-130.	2.1	22

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19	Association of trajectories of depressive symptoms with vascular risk, cognitive function and adverse brain outcomes: The Whitehall II MRI sub-study. Journal of Psychiatric Research, 2020, 131, 85-93.	1.5	19
20	Associations between arterial stiffening and brain structure, perfusion, and cognition in the Whitehall II Imaging Sub-study: A retrospective cohort study. PLoS Medicine, 2020, 17, e1003467.	3.9	19
21	Effect of apolipoprotein E polymorphism on cognition and brain in the Cambridge Centre for Ageing and Neuroscience cohort. Brain and Neuroscience Advances, 2020, 4, 239821282096170.	1.8	17
22	Sexâ€•and ageâ€sspecific associations between cardiometabolic risk and white matter brain age in the <scp>UK</scp> Biobank cohort. Human Brain Mapping, 2022, 43, 3759-3774.	1.9	16
23	Subjective Cognitive Complaints Given in Questionnaire: Relationship With Brain Structure, Cognitive Performance and Self-Reported Depressive Symptoms in a 25-Year Retrospective Cohort Study. American Journal of Geriatric Psychiatry, 2021, 29, 217-226.	0.6	14
24	Associations Between Longitudinal Trajectories of Cognitive and Social Activities and Brain Health in Old Age. JAMA Network Open, 2020, 3, e2013793.	2.8	13
25	White matter hyperintensities classified according to intensity and spatial location reveal specific associations with cognitive performance. NeuroImage: Clinical, 2021, 30, 102616.	1.4	13
26	Associations of cognitive performance with cardiovascular magnetic resonance phenotypes in the UK Biobank. European Heart Journal Cardiovascular Imaging, 2022, 23, 663-672.	0.5	12
27	Inter- and intra-individual variation in brain structural-cognition relationships in aging. NeuroImage, 2022, 257, 119254.	2.1	12
28	Are People Ready for Personalized Brain Health? Perspectives of Research Participants in the Lifebrain Consortium. Gerontologist, The, 2020, 60, 1050-1059.	2.3	11
29	Leisure Activities and Their Relationship With MRI Measures of Brain Structure, Functional Connectivity, and Cognition in the UK Biobank Cohort. Frontiers in Aging Neuroscience, 2021, 13, 734866.	1.7	11
30	Integrating large-scale neuroimaging research datasets: Harmonisation of white matter hyperintensity measurements across Whitehall and UK Biobank datasets. NeuroImage, 2021, 237, 118189.	2.1	10
31	Predicting cognitive resilience from midlife lifestyle and multi-modal MRI: A 30-year prospective cohort study. PLoS ONE, 2019, 14, e0211273.	1.1	9
32	Association of midlife stroke risk with structural brain integrity and memory performance at older ages: a longitudinal cohort study. Brain Communications, 2020, 2, fcaa026.	1.5	9
33	Association of cerebral small vessel disease burden with brain structure and cognitive and vascular risk trajectories in mid-to-late life. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 600-612.	2.4	9
34	The Global Brain Health Survey: Development of a Multi-Language Survey of Public Views on Brain Health. Frontiers in Public Health, 2020, 8, 387.	1.3	8
35	Study Protocol: The Heart and Brain Study. Frontiers in Physiology, 2021, 12, 643725.	1.3	2
36	Longitudinal aortic stiffness is associated with brain microstructure and cognition: A voxelâ€wise magnetic resonance imaging study. Alzheimer's and Dementia, 2020, 16, e041822.	0.4	0