Jiyang Jiang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3423805/publications.pdf

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53	1,499	361296	395590
papers	citations	20	33
		h-index	g-index

66	66	66	3210
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	1.9	76
2	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 431-451.	1.9	143
3	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 452-469.	1.9	72
4	The association between white matter hyperintensity volume and cognitive/physical decline in older people with dementia: A one-year longitudinal study. Aging and Mental Health, 2022, 26, 2503-2510.	1.5	2
5	Parental Life Span and Polygenic Risk Score of Longevity Are Associated With White Matter Hyperintensities. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 689-696.	1.7	2
6	White matter hyperintensities segmentation using an ensemble of neural networks. Human Brain Mapping, 2022, 43, 929-939.	1.9	13
7	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	7.1	75
8	The heritability of amyloid burden in older adults: the Older Australian Twins Study. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 303-308.	0.9	7
9	Texture Features of Magnetic Resonance Images Predict Poststroke Cognitive Impairment: Validation in a Multicenter Study. Stroke, 2022, 53, 3446-3454.	1.0	2
10	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. Molecular Psychiatry, 2021, 26, 3884-3895.	4.1	34
11	Sex differences in risk factors for white matter hyperintensities in non-demented older individuals. Neurobiology of Aging, 2021, 98, 197-204.	1.5	33
12	Associations between Alzheimerâ€™s disease polygenic risk scores and hippocampal subfield volumes in 17,161 UK Biobank participants. Neurobiology of Aging, 2021, 98, 108-115.	1.5	21
13	Brain Age Estimation From MRI Using Cascade Networks With Ranking Loss. IEEE Transactions on Medical Imaging, 2021, 40, 3400-3412.	5.4	37
14	A slower rate of sulcal widening in the brains of the nondemented oldest old. NeuroImage, 2021, 229, 117740.	2.1	7
15	Novel genetic variants associated with brain functional networks in 18,445 adults from the UK Biobank. Scientific Reports, 2021, 11, 14633.	1.6	4
16	The association between white matter hyperintensity volume and gait performance under single and dual task conditions in older people with dementia: A cross-sectional study. Archives of Gerontology and Geriatrics, 2021, 95, 104427.	1.4	11
17	Orientational changes of white matter fibers in Alzheimer's disease and amnestic mild cognitive impairment. Human Brain Mapping, 2021, 42, 5397-5408.	1.9	4
18	Geometric microstructural damage of white matter with functional compensation in post-stroke. Neuropsychologia, 2021, 160, 107980.	0.7	6

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19	Difference in distribution functions: A new diffusion weighted imaging metric for estimating white matter integrity. NeuroImage, 2021, 240, 118381.	2.1	4
20	Alternation in Effective Connectivity With Cognitive Aging: A Longitudinal Study of Elderly Populations. Frontiers in Aging Neuroscience, 2021, 13, 755931.	1.7	2
21	Age- and Sex-Related Topological Organization of Human Brain Functional Networks and Their Relationship to Cognition. Frontiers in Aging Neuroscience, 2021, 13, 758817.	1.7	11
22	Corticosteroids and Regional Variations in Thickness of the Human Cerebral Cortex across the Lifespan. Cerebral Cortex, 2020, 30, 575-586.	1.6	13
23	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796.	5.8	61
24	Cerebral small vessel disease genomics and its implications across the lifespan. Nature Communications, 2020, 11, 6285.	5.8	89
25	Plasma lipidomic biomarker analysis reveals distinct lipid changes in vascular dementia. Computational and Structural Biotechnology Journal, 2020, 18, 1613-1624.	1.9	19
26	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. Stroke, 2020, 51, 2111-2121.	1.0	71
27	Genetic influence on ageing-related changes in resting-state brain functional networks in healthy adults: A systematic review. Neuroscience and Biobehavioral Reviews, 2020, 113, 98-110.	2.9	23
28	Global and Regional Development of the Human Cerebral Cortex: Molecular Architecture and Occupational Aptitudes. Cerebral Cortex, 2020, 30, 4121-4139.	1.6	16
29	Longitudinal Changes in Whole-Brain Functional Connectivity Strength Patterns and the Relationship With the Global Cognitive Decline in Older Adults. Frontiers in Aging Neuroscience, 2020, 12, 71.	1.7	16
30	Differential longitudinal changes in structural complexity and volumetric measures in community-dwelling older individuals. Neurobiology of Aging, 2020, 91, 26-35.	1.5	10
31	Stronger bilateral functional connectivity of the frontoparietal control network in near-centenarians and centenarians without dementia. NeuroImage, 2020, 215, 116855.	2.1	13
32	Altered Prefrontalâ€“Basal Ganglia Effective Connectivity in Patients With Poststroke Cognitive Impairment. Frontiers in Neurology, 2020, 11, 577482.	1.1	3
33	White matter hyperintensities are associated with falls in older people with dementia. Brain Imaging and Behavior, 2019, 13, 1265-1272.	1.1	19
34	Cerebral Blood Flow in Community-Based Older Twins Is Moderately Heritable: An Arterial Spin Labeling Perfusion Imaging Study. Frontiers in Aging Neuroscience, 2019, 11, 169.	1.7	2
35	The association of regional white matter lesions with cognition in a community-based cohort of older individuals. NeuroImage: Clinical, 2018, 19, 14-21.	1.4	30
36	UBO Detector â€“ A cluster-based, fully automated pipeline for extracting white matter hyperintensities. NeuroImage, 2018, 174, 539-549.	2.1	57

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37	Variation in longitudinal trajectories of cortical sulci in normal elderly. NeuroImage, 2018, 166, 1-9.	2.1	17
38	Altered functional connectivity strength in informantâ€reported subjective cognitive decline: A restingâ€state functional magnetic resonance imaging study. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 688-697.	1.2	12
39	A Meta-Analysis of Genome-Wide Association Studies of Growth Differentiation Factor-15 Concentration in Blood. Frontiers in Genetics, 2018, 9, 97.	1.1	26
40	Classifying MCI Subtypes in Community-Dwelling Elderly Using Cross-Sectional and Longitudinal MRI-Based Biomarkers. Frontiers in Aging Neuroscience, 2017, 9, 309.	1.7	17
41	Identification of Early-Stage Alzheimer's Disease Using Sulcal Morphology and Other Common Neuroimaging Indices. PLoS ONE, 2017, 12, e0170875.	1.1	39
42	Macrophage inhibitory cytokine-1/growth differentiation factor 15 as a marker of cognitive ageing and dementia. Current Opinion in Psychiatry, 2016, 29, 181-186.	3.1	34
43	O4-02-02: Mri Markers of Dementia in the Eighth to Eleventh Decades of Life. , 2016, 12, P334-P335.		1
44	Distinct Genetic Influences on Cortical and Subcortical Brain Structures. Scientific Reports, 2016, 6, 32760.	1.6	40
45	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
46	Structural MRI Biomarkers of Mild Cognitive Impairment from Young Elders to Centenarians. Current Alzheimer Research, 2016, 13, 256-267.	0.7	12
47	An inverse relationship between serum macrophage inhibitory cytokine-1 levels and brain white matter integrity in community-dwelling older individuals. Psychoneuroendocrinology, 2015, 62, 80-88.	1.3	13
48	O1-01-05: Brain changes on structural MRI from the eighth to eleventh decades of life. , 2015, 11, P125-P126.		0
49	The Relationship of Serum Macrophage Inhibitory Cytokine â€“ 1 Levels with Gray Matter Volumes in Community-Dwelling Older Individuals. PLoS ONE, 2015, 10, e0123399.	1.1	16
50	A longitudinal study of brain atrophy over two years in community-dwelling older individuals. NeuroImage, 2014, 86, 203-211.	2.1	73
51	Longitudinal changes in sulcal morphology associated with late-life aging and MCI. NeuroImage, 2013, 74, 337-342.	2.1	39
52	Limited relationships between two-year changes in sulcal morphology and other common neuroimaging indices in the elderly. NeuroImage, 2013, 83, 12-17.	2.1	27
53	The interdomain linker region of HIV-1 capsid protein is a critical determinant of proper core assembly and stability. Virology, 2011, 421, 253-265.	1.1	51