

Ann-Marie Glas, de Lange

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4861488/publications.pdf>

Version: 2024-02-01

37
papers

1,406
citations

430874

18
h-index

454955

30
g-index

65
all docs

65
docs citations

65
times ranked

1242
citing authors

#	ARTICLE	IF	CITATIONS
1	Commentary: Correction procedures in brain-age prediction. <i>NeuroImage: Clinical</i> , 2020, 26, 102229.	2.7	122
2	White matter microstructure across the adult lifespan: A mixed longitudinal and cross-sectional study using advanced diffusion models and brain-age prediction. <i>NeuroImage</i> , 2021, 224, 117441.	4.2	122
3	Population-based neuroimaging reveals traces of childbirth in the maternal brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22341-22346.	7.1	95
4	Multimodal brain-age prediction and cardiovascular risk: The Whitehall II MRI sub-study. <i>NeuroImage</i> , 2020, 222, 117292.	4.2	85
5	Prediction of brain age and cognitive age: Quantifying brain and cognitive maintenance in aging. <i>Human Brain Mapping</i> , 2021, 42, 1626-1640.	3.6	74
6	Multimodal imaging improves brain age prediction and reveals distinct abnormalities in patients with psychiatric and neurological disorders. <i>Human Brain Mapping</i> , 2021, 42, 1714-1726.	3.6	68
7	Functional connectivity change across multiple cortical networks relates to episodic memory changes in aging. <i>Neurobiology of Aging</i> , 2015, 36, 3255-3268.	3.1	64
8	Mind the gap: Performance metric evaluation in brain-age prediction. <i>Human Brain Mapping</i> , 2022, 43, 3113-3129.	3.6	58
9	White matter integrity as a marker for cognitive plasticity in aging. <i>Neurobiology of Aging</i> , 2016, 47, 74-82.	3.1	56
10	The maternal brain: Region-specific patterns of brain aging are traceable decades after childbirth. <i>Human Brain Mapping</i> , 2020, 41, 4718-4729.	3.6	53
11	Women's brain aging: Effects of sex-hormone exposure, pregnancies, and genetic risk for Alzheimer's disease. <i>Human Brain Mapping</i> , 2020, 41, 5141-5150.	3.6	46
12	Deep neural networks learn general and clinically relevant representations of the ageing brain. <i>NeuroImage</i> , 2022, 256, 119210.	4.2	46
13	The effects of memory training on behavioral and microstructural plasticity in young and older adults. <i>Human Brain Mapping</i> , 2017, 38, 5666-5680.	3.6	43
14	Cardiometabolic risk factors associated with brain age and accelerated brain ageing. <i>Human Brain Mapping</i> , 2022, 43, 700-720.	3.6	42
15	In Vivo Amygdala Nuclei Volumes in Schizophrenia and Bipolar Disorders. <i>Schizophrenia Bulletin</i> , 2021, 47, 1431-1441.	4.3	33
16	Towards an understanding of women's brain aging: the immunology of pregnancy and menopause. <i>Frontiers in Neuroendocrinology</i> , 2020, 58, 100850.	5.2	29
17	Brain Age Prediction Reveals Aberrant Brain White Matter in Schizophrenia and Bipolar Disorder: A Multisample Diffusion Tensor Imaging Study. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2020, 5, 1095-1103.	1.5	28
18	A history of previous childbirths is linked to women's white matter brain age in midlife and older age. <i>Human Brain Mapping</i> , 2021, 42, 4372-4386.	3.6	24

#	ARTICLE	IF	CITATIONS
19	Oxytocin receptor expression patterns in the human brain across development. <i>Neuropsychopharmacology</i> , 2022, 47, 1550-1560.	5.4	23
20	Adipose tissue distribution from body MRI is associated with cross-sectional and longitudinal brain age in adults. <i>NeuroImage: Clinical</i> , 2022, 33, 102949.	2.7	22
21	The Temporal Dynamics of Brain Plasticity in Aging. <i>Cerebral Cortex</i> , 2018, 28, 1857-1865.	2.9	21
22	Fast quality control method for derived diffusion Metrics (YTTRIUM) in big data analysis: U.K. Biobank 18,608 example. <i>Human Brain Mapping</i> , 2021, 42, 3141-3155.	3.6	18
23	Prominent health problems, socioeconomic deprivation, and higher brain age in lonely and isolated individuals: A population-based study. <i>Behavioural Brain Research</i> , 2021, 414, 113510.	2.2	18
24	Linking objective measures of physical activity and capability with brain structure in healthy community dwelling older adults. <i>NeuroImage: Clinical</i> , 2021, 31, 102767.	2.7	17
25	Premises of plasticity and the loneliness of the medial temporal lobe. <i>NeuroImage</i> , 2016, 131, 48-54.	4.2	16
26	Sex- and age-specific associations between cardiometabolic risk and white matter brain age in the UK Biobank cohort. <i>Human Brain Mapping</i> , 2022, 43, 3759-3774.	3.6	16
27	Brain age prediction using fMRI network coupling in youths and associations with psychiatric symptoms. <i>NeuroImage: Clinical</i> , 2022, 33, 102921.	2.7	14
28	Self-reported Sleep Problems Related to Amyloid Deposition in Cortical Regions with High HOMER1 Gene Expression. <i>Cerebral Cortex</i> , 2020, 30, 2144-2156.	2.9	13
29	The scientific body of knowledge: Whose body does it serve? A spotlight on women's brain health. <i>Frontiers in Neuroendocrinology</i> , 2021, 60, 100898.	5.2	12
30	Multimodal cortical and hippocampal prediction of episodic memory plasticity in young and older adults. <i>Human Brain Mapping</i> , 2018, 39, 4480-4492.	3.6	11
31	Association of cerebral small vessel disease burden with brain structure and cognitive and vascular risk trajectories in mid-to-late life. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022, 42, 600-612.	4.3	9
32	Cognitive and hippocampal changes weeks and years after memory training. <i>Scientific Reports</i> , 2022, 12, 7877.	3.3	7
33	Risk- and protective factors for memory plasticity in aging. <i>Aging, Neuropsychology, and Cognition</i> , 2021, 28, 201-217.	1.3	5
34	Apolipoprotein E4 Status and Brain Structure 12 Months after Mild Traumatic Injury: Brain Age Prediction Using Brain Morphometry and Diffusion Tensor Imaging. <i>Journal of Clinical Medicine</i> , 2021, 10, 418.	2.4	3
35	Oxytocin-pathway polygenic scores for severe mental disorders and metabolic phenotypes in the UK Biobank. <i>Translational Psychiatry</i> , 2021, 11, 599.	4.8	2
36	Within-session verbal learning slope is predictive of lifespan delayed recall, hippocampal volume, and memory training benefit, and is heritable. <i>Scientific Reports</i> , 2020, 10, 21158.	3.3	1

#	ARTICLE	IF	CITATIONS
37	Development and external validation of a novel dementia risk prediction score in the UK Biobank cohort. Alzheimer's and Dementia, 2021, 17, .	0.8	1