

Ann-Marie Glas de Lange

List of Publications by Citations

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44
papers

489
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h-index

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65
ext. papers

951
ext. citations

5.8
avg, IF

4.42
L-index

#	Paper	IF	Citations
44	Commentary: Correction procedures in brain-age prediction. <i>NeuroImage: Clinical</i> , 2020 , 26, 102229	5.3	47
43	White matter integrity as a marker for cognitive plasticity in aging. <i>Neurobiology of Aging</i> , 2016 , 47, 74-83.6	3.6	43
42	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	11.5	42
41	Functional connectivity change across multiple cortical networks relates to episodic memory changes in aging. <i>Neurobiology of Aging</i> , 2015 , 36, 3255-3268	5.6	38
40	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	7.9	37
39	The effects of memory training on behavioral and microstructural plasticity in young and older adults. <i>Human Brain Mapping</i> , 2017 , 38, 5666-5680	5.9	33
38	Multimodal brain-age prediction and cardiovascular risk: The Whitehall II MRI sub-study. <i>NeuroImage</i> , 2020 , 222, 117292	7.9	31
37	Prediction of brain age and cognitive age: Quantifying brain and cognitive maintenance in aging. <i>Human Brain Mapping</i> , 2021 , 42, 1626-1640	5.9	21
36	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	5.9	20
35	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	5.9	19
34	The maternal brain: Region-specific patterns of brain aging are traceable decades after childbirth. <i>Human Brain Mapping</i> , 2020 , 41, 4718-4729	5.9	16
33	The Temporal Dynamics of Brain Plasticity in Aging. <i>Cerebral Cortex</i> , 2018 , 28, 1857-1865	5.1	15
32	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	3.4	12
31	Premises of plasticity - And the loneliness of the medial temporal lobe. <i>NeuroImage</i> , 2016 , 131, 48-54	7.9	11
30	In Vivo Amygdala Nuclei Volumes in Schizophrenia and Bipolar Disorders. <i>Schizophrenia Bulletin</i> , 2021 , 47, 1431-1441	1.3	8
29	Towards an understanding of women's brain aging: the immunology of pregnancy and menopause. <i>Frontiers in Neuroendocrinology</i> , 2020 , 58, 100850	8.9	7
28	Cardiometabolic risk factors associated with brain age and accelerate brain ageing. <i>Human Brain Mapping</i> , 2021 ,	5.9	7

27	Women’s brain aging: effects of sex-hormone exposure, pregnancies, and genetic risk for Alzheimer’s disease		7
26	Self-reported Sleep Problems Related to Amyloid Deposition in Cortical Regions with High HOMER1 Gene Expression. <i>Cerebral Cortex</i> , 2020 , 30, 2144-2156	5.1	6
25	Multimodal cortical and hippocampal prediction of episodic-memory plasticity in young and older adults. <i>Human Brain Mapping</i> , 2018 , 39, 4480-4492	5.9	6
24	Multimodal brain-age prediction and cardiovascular risk: The Whitehall II MRI sub-study		6
23	Cardiometabolic risk factors associated with brain age and accelerate brain ageing		6
22	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	5.9	5
21	Linking objective measures of physical activity and capability with brain structure in healthy community dwelling older adults		4
20	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	3.4	4
19	Population-based neuroimaging reveals traces of childbirth in the maternal brain		3
18	Mind the gap: performance metric evaluation in brain-age prediction		3
17	Risk- and protective factors for memory plasticity in aging. <i>Aging, Neuropsychology, and Cognition</i> , 2021 , 28, 201-217	2.1	3
16	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	5.9	3
15	Deep neural networks learn general and clinically relevant representations of the ageing brain.. <i>NeuroImage</i> , 2022 , 256, 119210	7.9	3
14	Prominent health problems, socioeconomic deprivation, and higher brain age in lonely and isolated individuals: A population-based study		2
13	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> , 2021 , 271678X21104841	7.3	2
12	History of childbirths relates to region-specific brain aging patterns in middle and older-aged women		2
11	Linking objective measures of physical activity and capability with brain structure in healthy community dwelling older adults. <i>NeuroImage: Clinical</i> , 2021 , 31, 102767	5.3	2
10	Adipose tissue distribution from body MRI is associated with cross-sectional and longitudinal brain age in adults.. <i>NeuroImage: Clinical</i> , 2022 , 33, 102949	5.3	1

9	Brain age prediction using fMRI network coupling in youths and associations with psychiatric symptoms.. <i>NeuroImage: Clinical</i> , 2021 , 33, 102921	5.3	1
8	Brain age prediction reveals aberrant brain white matter in schizophrenia and bipolar disorder: A multi-sample diffusion tensor imaging study		1
7	Adipose tissue distribution from body MRI is associated with cross-sectional and longitudinal brain age in adults		1
6	Brain age prediction using fMRI network coupling in youths and associations with psychiatric symptoms		1
5	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,	5.1	1
4	Mind the gap: Performance metric evaluation in brain-age prediction.. <i>Human Brain Mapping</i> , 2022 ,	5.9	1
3	Oxytocin-pathway polygenic scores for severe mental disorders and metabolic phenotypes in the UK Biobank. <i>Translational Psychiatry</i> , 2021 , 11, 599	8.6	0
2	Cognitive and hippocampal changes weeks and years after memory training.. <i>Scientific Reports</i> , 2022 , 12, 7877	4.9	0
1	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	4.9	