

Pauline Maillard

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

4,352
citations

126907

33
h-index

114465

63
g-index

83
all docs

83
docs citations

83
times ranked

7150
citing authors

#	ARTICLE	IF	CITATIONS
1	Instrumental validation of free water, peak width of skeletonized mean diffusivity, and white matter hyperintensities: MarkVCI neuroimaging kits. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2022, 14, e12261.	2.4	25
2	Relations of Metabolic Health and Obesity to Brain Aging in Young to Middle-Aged Adults. <i>Journal of the American Heart Association</i> , 2022, 11, e022107.	3.7	9
3	Digital sleep measures and white matter health in the Framingham Heart Study. <i>Exploration of Medicine</i> , 2021, 2, 253-267.	1.5	7
4	Coronary Artery Calcium Assessed Years Before Was Positively Associated With Subtle White Matter Injury of the Brain in Asymptomatic Middle-Aged Men: The Framingham Heart Study. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e011753.	2.6	4
5	Elevated complement mediator levels in endothelial-derived plasma exosomes implicate endothelial innate inflammation in diminished brain function of aging humans. <i>Scientific Reports</i> , 2021, 11, 16198.	3.3	14
6	MarkVCI cerebral small vessel consortium: II. Neuroimaging protocols. <i>Alzheimer's and Dementia</i> , 2021, 17, 716-725.	0.8	45
7	Slow-Wave Sleep and MRI Markers of Brain Aging in a Community-Based Sample. <i>Neurology</i> , 2021, 96, e1462-e1469.	1.1	28
8	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	12.8	61
9	A telescope GWAS analysis strategy, based on SNPs-genes-pathways ensemble and on multivariate algorithms, to characterize late onset Alzheimer's disease. <i>Scientific Reports</i> , 2020, 10, 12063.	3.3	11
10	Association of vascular brain injury, neurodegeneration, amyloid, and cognitive trajectory. <i>Neurology</i> , 2020, 95, e2622-e2634.	1.1	27
11	Association of plasma abeta and tau levels in relation to cognition and brain structure in a diverse community. <i>Alzheimer's and Dementia</i> , 2020, 16, e039180.	0.8	0
12	PSMD, a novel marker of small vessel disease, and its association with cognitive function in the community. <i>Alzheimer's and Dementia</i> , 2020, 16, e041993.	0.8	0
13	Plasma YKL40 as a biomarker for brain aging and injury in three community cohorts. <i>Alzheimer's and Dementia</i> , 2020, 16, e042094.	0.8	1
14	Structural brain network efficiency and cognitive processing speed in healthy aging. <i>Alzheimer's and Dementia</i> , 2020, 16, e044563.	0.8	1
15	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. <i>Stroke</i> , 2020, 51, 2111-2121.	2.0	71
16	An IL-18-centered inflammatory network as a biomarker for cerebral white matter injury. <i>PLoS ONE</i> , 2020, 15, e0227835.	2.5	37
17	A genome-wide association study identifies genetic loci associated with specific lobar brain volumes. <i>Communications Biology</i> , 2019, 2, 285.	4.4	27
18	Plasma total tau as a biomarker of stroke risk in the community. <i>Annals of Neurology</i> , 2019, 86, 463-467.	5.3	15

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19	White Matter Hyperintensities and Hippocampal Atrophy in Relation to Cognition: The 90+ Study. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1827-1834.	2.6	28
20	Association of Accelerometer-Measured Light-Intensity Physical Activity With Brain Volume. <i>JAMA Network Open</i> , 2019, 2, e192745.	5.9	89
21	Cerebral white matter free water. <i>Neurology</i> , 2019, 92, e2221-e2231.	1.1	56
22	Vascular Burden Score Impacts Cognition Independent of Amyloid PET and MRI Measures of Alzheimer's Disease and Vascular Brain Injury. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 187-196.	2.6	25
23	ICâ€Pâ€031: REDUCED STRUCTURAL BRAIN NETWORK MODULARITY IN HEALTHY AGING: RESULTS FROM THE FRAMINGHAM HEART STUDY. <i>Alzheimer's and Dementia</i> , 2019, 15, P37.	0.8	0
24	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	192
25	Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting. <i>Neurology</i> , 2019, 92, .	1.1	30
26	Vascular disease and cerebral amyloid deposition. <i>Neurology</i> , 2018, 90, 635-636.	1.1	6
27	Genome-wide association study of 23,500 individuals identifies 7 loci associated with brain ventricular volume. <i>Nature Communications</i> , 2018, 9, 3945.	12.8	31
28	Circulating Vascular Growth Factors and Magnetic Resonance Imaging Markers of Small Vessel Disease and Atrophy in Middle-Aged Adults. <i>Stroke</i> , 2018, 49, 2227-2229.	2.0	12
29	Circulating cortisol and cognitive and structural brain measures. <i>Neurology</i> , 2018, 91, e1961-e1970.	1.1	90
30	Exome Chip Analysis Identifies Low-Frequency and Rare Variants in <i>MRPL38</i> for White Matter Hyperintensities on Brain Magnetic Resonance Imaging. <i>Stroke</i> , 2018, 49, 1812-1819.	2.0	17
31	Cerebral tract integrity relates to white matter hyperintensities, cortex volume, and cognition. <i>Neurobiology of Aging</i> , 2018, 72, 14-22.	3.1	37
32	Thrombolysis for acute ischemic stroke in patients with leukoaraiosis. <i>Neurology</i> , 2017, 88, 612-613.	1.1	4
33	Independent value added by diffusion MRI for prediction of cognitive function in older adults. <i>NeuroImage: Clinical</i> , 2017, 14, 166-173.	2.7	19
34	Aortic Stiffness, Increased White Matter Free Water, and Altered Microstructural Integrity. <i>Stroke</i> , 2017, 48, 1567-1573.	2.0	92
35	Age-related white matter integrity differences in oldest-old without dementia. <i>Neurobiology of Aging</i> , 2017, 56, 108-114.	3.1	36
36	Role of Bark Color on Stem Temperature and Carbohydrate Management during Dormancy Break in Persian Walnut. <i>Journal of the American Society for Horticultural Science</i> , 2017, 142, 454-463.	1.0	10

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37	Cerebral amyloid is associated with greater white-matter hyperintensity accrual in cognitively normal older adults. <i>Neurobiology of Aging</i> , 2016, 48, 48-52.	3.1	32
38	β -amyloid, hippocampal atrophy and their relation to longitudinal brain change in cognitively normal individuals. <i>Neurobiology of Aging</i> , 2016, 40, 173-180.	3.1	27
39	Effects of Arterial Stiffness on Brain Integrity in Young Adults From the Framingham Heart Study. <i>Stroke</i> , 2016, 47, 1030-1036.	2.0	99
40	Association of Aortic Stiffness With Cognition and Brain Aging in Young and Middle-Aged Adults. <i>Hypertension</i> , 2016, 67, 513-519.	2.7	127
41	Measurement of Extracellular Ion Fluxes Using the Ion-selective Self-referencing Microelectrode Technique. <i>Journal of Visualized Experiments</i> , 2015, , e52782.	0.3	3
42	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. <i>Alzheimer's and Dementia</i> , 2015, 11, 740-756.	0.8	142
43	Glucose indices are associated with cognitive and structural brain measures in young adults. <i>Neurology</i> , 2015, 84, 2329-2337.	1.1	115
44	Cooccurrence of vascular risk factors and late-life white-matter integrity changes. <i>Neurobiology of Aging</i> , 2015, 36, 1670-1677.	3.1	31
45	Lower Extremity Overuse Conditions Affecting Figure Skaters During Daily Training. <i>Orthopaedic Journal of Sports Medicine</i> , 2015, 3, 232596711559651.	1.7	18
46	Plasma β -amyloid and MRI markers of cerebral small vessel disease. <i>Neurology</i> , 2014, 83, 2038-2045.	1.1	24
47	White Matter Hyperintensities and Their Penumbra Lie Along a Continuum of Injury in the Aging Brain. <i>Stroke</i> , 2014, 45, 1721-1726.	2.0	148
48	Single cell wound generates electric current circuit and cell membrane potential variations that requires calcium influx. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 662-672.	1.3	15
49	P3-200: GREATER LONGITUDINAL WHITE MATTER DEGENERATION IS ASSOCIATED WITH GREATER CONCURRENT COGNITIVE DECLINE: A DIFFUSION TENSOR IMAGING STUDY. , 2014, 10, P703-P703.		0
50	FLAIR and Diffusion MRI Signals Are Independent Predictors of White Matter Hyperintensities. <i>American Journal of Neuroradiology</i> , 2013, 34, 54-61.	2.4	143
51	Plasma long-chain omega-3 fatty acids and atrophy of the medial temporal lobe. <i>Neurology</i> , 2012, 79, 642-650.	1.1	91
52	The Contributions of MRI-Based Measures of Gray Matter, White Matter Hyperintensity, and White Matter Integrity to Late-Life Cognition. <i>American Journal of Neuroradiology</i> , 2012, 33, 1797-1803.	2.4	18
53	Effects of systolic blood pressure on white-matter integrity in young adults in the Framingham Heart Study: a cross-sectional study. <i>Lancet Neurology</i> , The, 2012, 11, 1039-1047.	10.2	269
54	Episodic memory function is associated with multiple measures of white matter integrity in cognitive aging. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 56.	2.0	100

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55	Coevolution of white matter hyperintensities and cognition in the elderly. <i>Neurology</i> , 2012, 79, 442-448.	1.1	137
56	Genome-wide association studies of cerebral white matter lesion burden. <i>Annals of Neurology</i> , 2011, 69, 928-939.	5.3	201
57	Longitudinal neuroimaging correlates of subjective memory impairment: 4-year prospective community study. <i>British Journal of Psychiatry</i> , 2011, 198, 199-205.	2.8	147
58	White Matter Hyperintensity Penumbra. <i>Stroke</i> , 2011, 42, 1917-1922.	2.0	185
59	Antihypertensive Treatment and Change in Blood Pressure Are Associated With the Progression of White Matter Lesion Volumes. <i>Circulation</i> , 2011, 123, 266-273.	1.6	166
60	Headache, migraine, and structural brain lesions and function: population based Epidemiology of Vascular Ageing-MRI study. <i>BMJ: British Medical Journal</i> , 2011, 342, c7357-c7357.	2.3	204
61	Joint Effect of White Matter Lesions and Hippocampal Volumes on Severity of Cognitive Decline: The 3C-Dijon MRI Study. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 453-463.	2.6	97
62	Association of White-Matter Lesions with Brain Atrophy Markers: The Three-City Dijon MRI Study. <i>Cerebrovascular Diseases</i> , 2009, 28, 177-184.	1.7	65
63	Cerebral White Matter Lesions Are Associated With the Risk of Stroke But Not With Other Vascular Events. <i>Stroke</i> , 2009, 40, 2327-2331.	2.0	62
64	Apolipoprotein E Genotype Is Related to Progression of White Matter Lesion Load. <i>Stroke</i> , 2009, 40, 3186-3190.	2.0	58
65	White matter lesions volume and motor performances in the elderly. <i>Annals of Neurology</i> , 2009, 65, 706-715.	5.3	109
66	Longitudinal follow-up of individual white matter hyperintensities in a large cohort of elderly. <i>Neuroradiology</i> , 2009, 51, 209-220.	2.2	35
67	An automated procedure for the assessment of white matter hyperintensities by multispectral (T1, T2,) Tj ETQq1 1 0.784314 rgBT /Ov databases. <i>Neuroradiology</i> , 2008, 50, 31-42.	2.2	86
68	White Matter Lesions as a Predictor of Depression in the Elderly: The 3C-Dijon Study. <i>Biological Psychiatry</i> , 2008, 63, 663-669.	1.3	137
69	Neuroimaging correlates of subjective memory deficits in a community population. <i>Neurology</i> , 2008, 70, 1601-1607.	1.1	104