

# Geneviève Richard

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

2,042  
citations

430874  
18  
h-index

345221  
36  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3511  
citing authors

#	ARTICLE	IF	CITATIONS
1	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
2	Common brain disorders are associated with heritable patterns of apparent aging of the brain. Nature Neuroscience, 2019, 22, 1617-1623.	14.8	358
3	White matter microstructure across the adult lifespan: A mixed longitudinal and cross-sectional study using advanced diffusion models and brain-age prediction. NeuroImage, 2021, 224, 117441.	4.2	122
4	Assessing distinct patterns of cognitive aging using tissue-specific brain age prediction based on diffusion tensor imaging and brain morphometry. PeerJ, 2018, 6, e5908.	2.0	90
5	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. Molecular Psychiatry, 2020, 25, 3053-3065.	7.9	80
6	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	3.6	76
7	Cross-Sectional and Longitudinal MRI Brain Scans Reveal Accelerated Brain Aging in Multiple Sclerosis. Frontiers in Neurology, 2019, 10, 450.	2.4	69
8	Multimodal imaging improves brain age prediction and reveals distinct abnormalities in patients with psychiatric and neurological disorders. Human Brain Mapping, 2021, 42, 1714-1726.	3.6	68
9	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. Nature Communications, 2020, 11, 4796.	12.8	61
10	The <scp>ENIGMA</scp> Stroke Recovery Working Group: Big data neuroimaging to study brainâ€behavior relationships after stroke. Human Brain Mapping, 2022, 43, 129-148.	3.6	54
11	Clinical Utility of Mindfulness Training in the Treatment of Fatigue After Stroke, Traumatic Brain Injury and Multiple Sclerosis: A Systematic Literature Review and Meta-analysis. Frontiers in Psychology, 2016, 7, 912.	2.1	50
12	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. Molecular Psychiatry, 2020, 25, 584-602.	7.9	49
13	Cardiometabolic risk factors associated with brain age and accelerated brain ageing. Human Brain Mapping, 2022, 43, 700-720.	3.6	42
14	Brain age prediction in stroke patients: Highly reliable but limited sensitivity to cognitive performance and response to cognitive training. NeuroImage: Clinical, 2020, 25, 102159.	2.7	41
15	Attentional load modulates large-scale functional brain connectivity beyond the core attention networks. NeuroImage, 2015, 109, 260-272.	4.2	34
16	Ageâ€related differences in brain network activation and coâ€activation during multiple object tracking. Brain and Behavior, 2016, 6, e00533.	2.2	32
17	Brain Age Prediction Reveals Aberrant Brain White Matter in Schizophrenia and Bipolar Disorder: A Multisample Diffusion Tensor Imaging Study. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 1095-1103.	1.5	28
18	Dissecting the cognitive phenotype of postâ€stroke fatigue using computerized assessment and computational modeling of sustained attention. European Journal of Neuroscience, 2020, 52, 3828-3845.	2.6	26

#	ARTICLE	IF	CITATIONS
19	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
20	Key Brain Network Nodes Show Differential Cognitive Relevance and Developmental Trajectories during Childhood and Adolescence. <i>ENeuro</i> , 2018, 5, ENEURO.0092-18.2018.	1.9	23
21	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
22	Functional connectivity indicates differential roles for the intraparietal sulcus and the superior parietal lobule in multiple object tracking. <i>NeuroImage</i> , 2015, 123, 129-137.	4.2	21
23	Increased sensitivity to age-related differences in brain functional connectivity during continuous multiple object tracking compared to resting-state. <i>NeuroImage</i> , 2017, 148, 364-372.	4.2	19
24	Structural brain disconnectivity mapping of post-stroke fatigue. <i>NeuroImage: Clinical</i> , 2021, 30, 102635.	2.7	18
25	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
26	Reliability, sensitivity, and predictive value of <sc>fMRI</sc> during multiple object tracking as a marker of cognitive training gain in combination with <sc>tDCS</sc> in stroke survivors. <i>Human Brain Mapping</i> , 2021, 42, 1167-1181.	3.6	14
27	Experience-dependent modulation of the visual evoked potential: Testing effect sizes, retention over time, and associations with age in 415 healthy individuals. <i>NeuroImage</i> , 2020, 223, 117302.	4.2	12
28	Functional brain network modeling in sub-acute stroke patients and healthy controls during rest and continuous attentive tracking. <i>Heliyon</i> , 2020, 6, e04854.	3.2	10
29	A comparison of intracranial volume estimation methods and their cross-sectional and longitudinal associations with age. <i>Human Brain Mapping</i> , 2022, 43, 4620-4639.	3.6	9
30	Evidence for Reduced Long-Term Potentiation-Like Visual Cortical Plasticity in Schizophrenia and Bipolar Disorder. <i>Schizophrenia Bulletin</i> , 2021, 47, 1751-1760.	4.3	8
31	Diphtheria And Tetanus Vaccination History Is Associated With Lower Odds of COVID-19 Hospitalization. <i>Frontiers in Immunology</i> , 2021, 12, 749264.	4.8	8
32	No additional effect of tDCS on fatigue and depression in chronic stroke patients: A randomized sham-controlled trial combining tDCS with computerized cognitive training. <i>Brain and Behavior</i> , 2022, 12, .	2.2	8
33	TVA-based modeling of short-term memory capacity, speed of processing and perceptual threshold in chronic stroke patients undergoing cognitive training: case-control differences, reliability, and associations with cognitive performance. <i>PeerJ</i> , 2020, 8, e9948.	2.0	7
34	Genetic control of variability in subcortical and intracranial volumes. <i>Molecular Psychiatry</i> , 2021, 26, 3876-3883.	7.9	6