Christine Fennema-Notestine

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Associations between depression and cardiometabolic health: A 27-year longitudinal study. Psychological Medicine, 2022, 52, 3007-3017.	4.5	16
2	Longâ€ŧerm associations of cigarette smoking in early midâ€life with predicted brain aging from mid―to late life. Addiction, 2022, 117, 1049-1059.	3.3	8
3	Associations between MRI-assessed locus coeruleus integrity and cortical gray matter microstructure. Cerebral Cortex, 2022, 32, 4191-4203.	2.9	9
4	The Impact of Genes and Environment on Brain Ageing in Males Aged 51 to 72 Years. Frontiers in Aging Neuroscience, 2022, 14, 831002.	3.4	3
5	Genetic and environmental influences on structural- and diffusion-based Alzheimer's disease neuroimaging signatures across midlife and early old age. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, , .	1.5	0
6	MRIâ€assessed locus coeruleus integrity is heritable and associated with multiple cognitive domains, mild cognitive impairment, and daytime dysfunction. Alzheimer's and Dementia, 2021, 17, 1017-1025.	0.8	41
7	Periventricular and deep abnormal white matter differ in associations with cognitive performance at midlife Neuropsychology, 2021, 35, 252-264.	1.3	3
8	12-year prediction of mild cognitive impairment aided by Alzheimer's brain signatures at mean age 56. Brain Communications, 2021, 3, fcab167.	3.3	7
9	Lifestyle and the aging brain: interactive effects of modifiable lifestyle behaviors and cognitive ability in men from midlife to old age. Neurobiology of Aging, 2021, 108, 80-89.	3.1	11
10	Paradoxical cognitive trajectories in men from earlier to later adulthood. Neurobiology of Aging, 2021, 109, 229-238.	3.1	2
11	Identification of Youthful Neurocognitive Trajectories in Adults Aging with HIV: A Latent Growth Mixture Model. AIDS and Behavior, 2021, , 1.	2.7	1
12	Posttraumatic stress symptom persistence across 24Âyears: association with brain structures. Brain Imaging and Behavior, 2020, 14, 1208-1220.	2.1	10
13	Use of Neuroimaging to Inform Optimal Neurocognitive Criteria for Detecting HIV-Associated Brain Abnormalities. Journal of the International Neuropsychological Society, 2020, 26, 147-162.	1.8	15
14	Iron-regulatory genes are associated with Neuroimaging measures in HIV infection. Brain Imaging and Behavior, 2020, 14, 2037-2049.	2.1	5
15	Common Genetic Variation Indicates Separate Causes for Periventricular and Deep White Matter Hyperintensities. Stroke, 2020, 51, 2111-2121.	2.0	71
16	Correlates of HIV RNA concentrations in cerebrospinal fluid during antiretroviral therapy: a longitudinal cohort study. Lancet HIV,the, 2019, 6, e456-e462.	4.7	15
17	Influence of young adult cognitive ability and additional education on later-life cognition. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2021-2026.	7.1	100
18	Data-Driven Exploration of Brain Structure Using Statistical Machine Learning: Validity of Derived Diagnostic Patterns in Alcohol Use Disorder and Human Immunodeficiency Virus Infection. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 508-509.	1.5	0

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19	Resting State Abnormalities of the Default Mode Network in Mild Cognitive Impairment: A Systematic Review and Meta-Analysis. Journal of Alzheimer's Disease, 2019, 70, 107-120.	2.6	79
20	Body mass trajectories and cortical thickness in middle-aged men: a 42-year longitudinal study starting in young adulthood. Neurobiology of Aging, 2019, 79, 11-21.	3.1	25
21	Effects of comorbidity burden and age on brain integrity in HIV. Aids, 2019, 33, 1175-1185.	2.2	35
22	Genetic architecture of hippocampal subfields on standard resolution MRI: How the parts relate to the whole. Human Brain Mapping, 2019, 40, 1528-1540.	3.6	16
23	White matter damage, neuroinflammation, and neuronal integrity in HAND. Journal of NeuroVirology, 2019, 25, 32-41.	2.1	77
24	Predominantly global genetic influences on individual white matter tract microstructure. Neurolmage, 2019, 184, 871-880.	4.2	18
25	Emotion regulation mediates the relationship between verbal learning and internalizing, trauma-related and externalizing symptoms among early-onset, persistently delinquent adolescents. Learning and Individual Differences, 2019, 70, 201-215.	2.7	10
26	Testing associations between cannabis use and subcortical volumes in two large populationâ€based samples. Addiction, 2018, 113, 1661-1672.	3.3	21
27	Alcohol intake and brain white matter in middle aged men: Microscopic and macroscopic differences. NeuroImage: Clinical, 2018, 18, 390-398.	2.7	30
28	Genetic relatedness of axial and radial diffusivity indices of cerebral white matter microstructure in late middle age. Human Brain Mapping, 2018, 39, 2235-2245.	3.6	12
29	Psychoticâ€spectrum symptoms, cumulative adversity exposure and substance use among highâ€risk girls. Microbial Biotechnology, 2018, 12, 74-86.	1.7	3
30	Negative fateful life events in midlife and advanced predicted brain aging. Neurobiology of Aging, 2018, 67, 1-9.	3.1	37
31	Effects of HIV Infection, methamphetamine dependence and age on cortical thickness, area and volume. NeuroImage: Clinical, 2018, 20, 1044-1052.	2.7	24
32	Brain structure mediates the association between height and cognitive ability. Brain Structure and Function, 2018, 223, 3487-3494.	2.3	18
33	HIV Distal Neuropathic Pain Is Associated with Smaller Ventral Posterior Cingulate Cortex. Pain Medicine, 2017, 18, pnw180.	1.9	17
34	Changes in cognitive function in women with HIV infection and early life stress. AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV, 2017, 29, 14-23.	1.2	40
35	Genetic and environmental influences on mean diffusivity and volume in subcortical brain regions. Human Brain Mapping, 2017, 38, 2589-2598.	3.6	15
36	Heritability of white matter microstructure in late middle age: A twin study of tractâ€based fractional anisotropy and absolute diffusivity indices. Human Brain Mapping, 2017, 38, 2026-2036.	3.6	44

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37	Task-evoked pupil dilation and BOLD variance as indicators of locus coeruleus dysfunction. Cortex, 2017, 97, 60-69.	2.4	45
38	Genetic and environmental influences on cortical mean diffusivity. NeuroImage, 2017, 146, 90-99.	4.2	37
39	Evaluating the accuracy of self-report for the diagnosis of HIV-associated neurocognitive disorder (HAND): defining "symptomatic―versus "asymptomatic―HAND. Journal of NeuroVirology, 2017, 23, 67•	.78 ¹	25
40	Pill Burden Influences the Association Between Time-Based Prospective Memory and Antiretroviral Therapy Adherence in Younger But Not Older HIV-Infected Adults. Journal of the Association of Nurses in AIDS Care, 2016, 27, 595-607.	1.0	12
41	White matter disease in midlife is heritable, related to hypertension, and shares some genetic influence with systolic blood pressure. NeuroImage: Clinical, 2016, 12, 737-745.	2.7	23
42	Cumulative trauma, adversity and grief symptoms associated with fronto-temporal regions in life-course persistent delinquent boys. Psychiatry Research - Neuroimaging, 2016, 254, 92-102.	1.8	14
43	Effects of HIV and childhood trauma on brain morphometry and neurocognitive function. Journal of NeuroVirology, 2016, 22, 149-158.	2.1	46
44	Apolipoprotein E Îμ4 genotype status is not associated with neuroimaging outcomes in a large cohort of HIV+ individuals. Journal of NeuroVirology, 2016, 22, 607-614.	2.1	13
45	The Cerebral Blood Flow Biomedical Informatics Research Network (CBFBIRN) data repository. NeuroImage, 2016, 124, 1202-1207.	4.2	5
46	Is bigger always better? The importance of cortical configuration with respect to cognitive ability. NeuroImage, 2016, 129, 356-366.	4.2	36
47	Health-Related Everyday Functioning in the Internet Age: HIV-Associated Neurocognitive Disorders Disrupt Online Pharmacy and Health Chart Navigation Skills. Archives of Clinical Neuropsychology, 2016, 31, acv090.	0.5	31
48	Genetic network properties of the human cortex based on regional thickness and surface area measures. Frontiers in Human Neuroscience, 2015, 9, 440.	2.0	14
49	Cognitive deficits associated with combined HIV gp120 expression and chronic methamphetamine exposure in mice. European Neuropsychopharmacology, 2015, 25, 141-150.	0.7	37
50	Genetic and Environmental Contributions to the Relationships Between Brain Structure and Average Lifetime Cigarette Use. Behavior Genetics, 2015, 45, 157-170.	2.1	19
51	Does degree of gyrification underlie the phenotypic and genetic associations between cortical surface area and cognitive ability?. NeuroImage, 2015, 106, 154-160.	4.2	32
52	Mitochondrial DNA Haplogroups and Neurocognitive Impairment During HIV Infection. Clinical Infectious Diseases, 2015, 61, 1476-1484.	5.8	27
53	The Genetic Association Between Neocortical Volume and General Cognitive Ability Is Driven by Global Surface Area Rather Than Thickness. Cerebral Cortex, 2015, 25, 2127-2137.	2.9	84
54	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. Alzheimer's and Dementia, 2015, 11, 740-756.	0.8	142

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55	Hypertension-Related Alterations in White Matter Microstructure Detectable in Middle Age. Hypertension, 2015, 66, 317-323.	2.7	61
56	Reply to Haddow, et al Clinical Infectious Diseases, 2015, 60, 1442-3.	5.8	0
57	Hippocampal Atrophy Varies by Neuropsychologically Defined MCI Among Men in Their 50s. American Journal of Geriatric Psychiatry, 2015, 23, 456-465.	1.2	20
58	CSF biomarkers of monocyte activation and chemotaxis correlate with magnetic resonance spectroscopy metabolites during chronic HIV disease. Journal of NeuroVirology, 2015, 21, 559-567.	2.1	36
59	Neurocognitive Change in the Era of HIV Combination Antiretroviral Therapy: The Longitudinal CHARTER Study. Clinical Infectious Diseases, 2015, 60, 473-480.	5.8	326
60	Altered BOLD Response during Inhibitory and Error Processing in Adolescents with Anorexia Nervosa. PLoS ONE, 2014, 9, e92017.	2.5	56
61	Conceptual and Data-based Investigation of Genetic Influences and Brain Asymmetry: A Twin Study of Multiple Structural Phenotypes. Journal of Cognitive Neuroscience, 2014, 26, 1100-1117.	2.3	50
62	Self-Predictions of Prospective Memory in HIV-Associated Neurocognitive Disorders: Evidence of a Metamemory Deficit. Archives of Clinical Neuropsychology, 2014, 29, 818-827.	0.5	17
63	Asymptomatic HIV-associated neurocognitive impairment increases risk for symptomatic decline. Neurology, 2014, 82, 2055-2062.	1.1	255
64	<i>APOE</i> interacts with age to modify rate of decline in cognitive and brain changes in Alzheimer's disease. Alzheimer's and Dementia, 2014, 10, 336-348.	0.8	35
65	HIV-associated distal neuropathic pain is associated with smaller total cerebral cortical gray matter. Journal of NeuroVirology, 2014, 20, 209-218.	2.1	27
66	Increases in brain white matter abnormalities and subcortical gray matter are linked to CD4 recovery in HIV infection. Journal of NeuroVirology, 2013, 19, 393-401.	2.1	38
67	Altered brain response to reward and punishment in adolescents with Anorexia nervosa. Psychiatry Research - Neuroimaging, 2013, 214, 331-340.	1.8	76
68	Cognitive reserve moderates the association between hippocampal volume and episodic memory in middle age. Neuropsychologia, 2013, 51, 1124-1131.	1.6	38
69	Etravirine in CSF is highly protein bound. Journal of Antimicrobial Chemotherapy, 2013, 68, 1161-1168.	3.0	25
70	Alterations in white matter microstructure in women recovered from anorexia nervosa. International Journal of Eating Disorders, 2013, 46, 701-708.	4.0	50
71	Genetics of brain structure: Contributions from the vietnam era twin study of aging. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2013, 162, 751-761.	1.7	43
72	Genetic topography of brain morphology. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17089-17094.	7.1	197

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73	Shorter Telomere Length - A Potential Susceptibility Factor for HIV-Associated Neurocognitive Impairments in South African Woman. PLoS ONE, 2013, 8, e58351.	2.5	31
74	A Comparison of Heritability Maps of Cortical Surface Area and Thickness and the Influence of Adjustment for Whole Brain Measures: A Magnetic Resonance Imaging Twin Study. Twin Research and Human Genetics, 2012, 15, 304-314.	0.6	120
75	Higher education is not associated with greater cortical thickness in brain areas related to literacy or intelligence in normal aging or mild cognitive impairment. Journal of Clinical and Experimental Neuropsychology, 2012, 34, 925-935.	1.3	17
76	Genetic and environmental influences of white and gray matter signal contrast: A new phenotype for imaging genetics?. Neurolmage, 2012, 60, 1686-1695.	4.2	32
77	Heritability of brain ventricle volume: Converging evidence from inconsistent results. Neurobiology of Aging, 2012, 33, 1-8.	3.1	351
78	Relationship between regional atrophy rates and cognitive decline in mild cognitive impairment. Neurobiology of Aging, 2012, 33, 242-253.	3.1	94
79	Mental health outcomes in HIV and childhood maltreatment: a systematic review. Systematic Reviews, 2012, 1, 30.	5.3	35
80	Cortical Volume, Surface Area, and Thickness in Schizophrenia and Bipolar Disorder. Biological Psychiatry, 2012, 71, 552-560.	1.3	290
81	Genetic influences on hippocampal volume differ as a function of testosterone level in middle-aged men. NeuroImage, 2012, 59, 1123-1131.	4.2	17
82	Hierarchical Genetic Organization of Human Cortical Surface Area. Science, 2012, 335, 1634-1636.	12.6	266
83	Functional interactions of HIV-infection and methamphetamine dependence during motor programming. Psychiatry Research - Neuroimaging, 2012, 202, 46-52.	1.8	11
84	Genetic Influences on Cortical Regionalization in the Human Brain. Neuron, 2011, 72, 537-544.	8.1	118
85	Presence of ApoE ε4 Allele Associated with Thinner Frontal Cortex in Middle Age. Journal of Alzheimer's Disease, 2011, 26, 49-60.	2.6	68
86	HIV-associated neurocognitive disorders before and during the era of combination antiretroviral therapy: differences in rates, nature, and predictors. Journal of NeuroVirology, 2011, 17, 3-16.	2.1	1,327
87	Neurocognitive functioning in acute or early HIV infection. Journal of NeuroVirology, 2011, 17, 50-57.	2.1	40
88	Clinical factors related to brain structure in HIV: the CHARTER study. Journal of NeuroVirology, 2011, 17, 248-57.	2.1	158
89	Impact of childhood trauma on functionality and quality of life in HIV-infected women. Health and Quality of Life Outcomes, 2011, 9, 84.	2.4	18
90	Genetic patterns of correlation among subcortical volumes in humans: Results from a magnetic resonance imaging twin study. Human Brain Mapping, 2011, 32, 641-653.	3.6	47

Christine

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91	Mild Cognitive Impairment: Baseline and Longitudinal Structural MR Imaging Measures Improve Predictive Prognosis. Radiology, 2011, 259, 834-843.	7.3	84
92	Genetic and Environmental Contributions to Regional Cortical Surface Area in Humans: A Magnetic Resonance Imaging Twin Study. Cerebral Cortex, 2011, 21, 2313-2321.	2.9	88
93	Effects of traumatic brain injury on cognitive functioning and cerebral metabolites in HIV-infected individuals. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 326-334.	1.3	17
94	Brain substrates of learning and retention in mild cognitive impairment diagnosis and progression to Alzheimer's disease. Neuropsychologia, 2010, 48, 1237-1247.	1.6	75
95	Level of Executive Function Influences Verbal Memory in Amnestic Mild Cognitive Impairment and Predicts Prefrontal and Posterior Cingulate Thickness. Cerebral Cortex, 2010, 20, 1305-1313.	2.9	104
96	Neuroimaging Enrichment Strategy for Secondary Prevention Trials in Alzheimer Disease. Alzheimer Disease and Associated Disorders, 2010, 24, 269-277.	1.3	42
97	CSF Biomarkers in Prediction of Cerebral and Clinical Change in Mild Cognitive Impairment and Alzheimer's Disease. Journal of Neuroscience, 2010, 30, 2088-2101.	3.6	188
98	Relative Capability of MR Imaging and FDG PET to Depict Changes Associated with Prodromal and Early Alzheimer Disease. Radiology, 2010, 256, 932-942.	7.3	107
99	Cortical Thickness Is Influenced by Regionally Specific Genetic Factors. Biological Psychiatry, 2010, 67, 493-499.	1.3	124
100	Cortical Thickness and Subcortical Volumes in Schizophrenia and Bipolar Disorder. Biological Psychiatry, 2010, 68, 41-50.	1.3	406
101	Salivary cortisol and prefrontal cortical thickness in middle-aged men: A twin study. NeuroImage, 2010, 53, 1093-1102.	4.2	88
102	Brain Atrophy in Healthy Aging Is Related to CSF Levels of AÎ ² 1-42. Cerebral Cortex, 2010, 20, 2069-2079.	2.9	102
103	Genetic and environmental influences on the size of specific brain regions in midlife: The VETSA MRI study. NeuroImage, 2010, 49, 1213-1223.	4.2	208
104	Federated Web-accessible Clinical Data Management within an Extensible NeuroImaging Database. Neuroinformatics, 2010, 8, 231-249.	2.8	44
105	Structural Neuroimaging in the Detection and Prognosis of Pre-Clinical and Early AD. Behavioural Neurology, 2009, 21, 3-12.	2.1	48
106	Cognitive Phenotypes, Brain Morphometry and the Detection of Cognitive Decline in Preclinical AD. Behavioural Neurology, 2009, 21, 29-37.	2.1	11
107	One-Year Brain Atrophy Evident in Healthy Aging. Journal of Neuroscience, 2009, 29, 15223-15231.	3.6	561
108	Alzheimer Disease: Quantitative Structural Neuroimaging for Detection and Prediction of Clinical and Structural Changes in Mild Cognitive Impairment. Radiology, 2009, 251, 195-205.	7.3	293

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109	Distinct Genetic Influences on Cortical Surface Area and Cortical Thickness. Cerebral Cortex, 2009, 19, 2728-2735.	2.9	1,109
110	Subregional neuroanatomical change as a biomarker for Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 20954-20959.	7.1	198
111	Structural MRI biomarkers for preclinical and mild Alzheimer's disease. Human Brain Mapping, 2009, 30, 3238-3253.	3.6	201
112	Regional shape abnormalities in mild cognitive impairment and Alzheimer's disease. NeuroImage, 2009, 45, 656-661.	4.2	146
113	Enabling Public Data Sharing: Encouraging Scientific Discovery and Education. Methods in Molecular Biology, 2009, 569, 25-32.	0.9	12
114	Cognitive phenotypes, brain morphometry and the detection of cognitive decline in preclinical AD. Behavioural Neurology, 2009, 21, 29-37.	2.1	5
115	Structural neuroimaging in the detection and prognosis of pre-clinical and early AD. Behavioural Neurology, 2009, 21, 3-12.	2.1	24
116	The NIFSTD and BIRNLex Vocabularies: Building Comprehensive Ontologies for Neuroscience. Neuroinformatics, 2008, 6, 175-194.	2.8	130
117	What is it about bilingualism that affects Boston Naming Test performance? A reply to commentaries. Journal of the International Neuropsychological Society, 2007, 13, .	1.8	2
118	The bilingual effect on Boston Naming Test performance. Journal of the International Neuropsychological Society, 2007, 13, 197-208.	1.8	124
119	A technique for the deidentification of structural brain MR images. Human Brain Mapping, 2007, 28, 892-903.	3.6	124
120	Feasibility of Multi-site Clinical Structural Neuroimaging Studies of Aging Using Legacy Data. Neuroinformatics, 2007, 5, 235-245.	2.8	103
121	Progressive impairment on neuropsychological tasks in a longitudinal study of preclinical Alzheimer's disease Neuropsychology, 2007, 21, 696-705.	1.3	77
122	Does amygdalar perfusion correlate with antidepressant response to partial sleep deprivation in major depression?. Psychiatry Research - Neuroimaging, 2006, 146, 43-51.	1.8	56
123	Quantitative evaluation of automated skull-stripping methods applied to contemporary and legacy images: Effects of diagnosis, bias correction, and slice location. Human Brain Mapping, 2006, 27, 99-113.	3.6	161
124	Bilingualism affects picture naming but not picture classification. Memory and Cognition, 2005, 33, 1220-1234.	1.6	421
125	Effects of Methamphetamine Dependence and HIV Infection on Cerebral Morphology. American Journal of Psychiatry, 2005, 162, 1461-1472.	7.2	249
126	White matter mapping is needed. Neurobiology of Aging, 2004, 25, 37-39.	3.1	26

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127	Correlation of In Vivo Neuroimaging Abnormalities With Postmortem Human Immunodeficiency Virus Encephalitis and Dendritic Loss. Archives of Neurology, 2004, 61, 369.	4.5	110
128	In vivo evidence of cerebellar atrophy and cerebral white matter loss in Huntington disease. Neurology, 2004, 63, 989-995.	1.1	152
129	More ?mapping? in brain mapping: Statistical comparison of effects. Human Brain Mapping, 2003, 19, 90-95.	3.6	70
130	Left hippocampal volume loss in Alzheimer's disease is reflected in performance on odor identification: A structural MRI study. Journal of the International Neuropsychological Society, 2003, 9, 459-471.	1.8	112
131	Brain morphometry in female victims of intimate partner violence with and without posttraumatic stress disorder. Biological Psychiatry, 2002, 52, 1089-1101.	1.3	239
132	Effects of age on tissues and regions of the cerebrum and cerebellum. Neurobiology of Aging, 2001, 22, 581-594.	3.1	809
133	Lexical and sentential priming in competition: Implications for two-stage theories of lexical access. Applied Psycholinguistics, 2001, 22, 191-215.	1.1	5
134	Mesial temporal, diencephalic, and striatal contributions to deficits in single word reading, word priming, and recognition memory. Journal of the International Neuropsychological Society, 2001, 7, 63-78.	1.8	35
135	Repetition priming with nonverbal stimuli in patients with dementia of the Alzheimer type Neuropsychology, 1998, 12, 43-51.	1.3	68
136	Semantic homophone priming in patients with dementia of the Alzheimer's type Neuropsychology, 1994, 8, 579-587.	1.3	13