

# Paul M Thompson

## List of Publications by Year in descending order

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1,423  
papers

116,544  
citations

151

156  
h-index

381

280  
g-index

1591  
all docs

1591  
docs citations

1591  
times ranked

64994  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic mapping of human cortical development during childhood through early adulthood. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8174-8179.	3.3	4,590
2	The Alzheimer's disease neuroimaging initiative (ADNI): MRI methods. Journal of Magnetic Resonance Imaging, 2008, 27, 685-691.	1.9	2,553
3	Mapping cortical change across the human life span. Nature Neuroscience, 2003, 6, 309-315.	7.1	2,037
4	Evaluation of 14 nonlinear deformation algorithms applied to human brain MRI registration. NeuroImage, 2009, 46, 786-802.	2.1	1,988
5	A probabilistic atlas and reference system for the human brain: International Consortium for Brain Mapping (ICBM). Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1293-1322.	1.8	1,959
6	The clinical use of structural MRI in Alzheimer disease. Nature Reviews Neurology, 2010, 6, 67-77.	4.9	1,505
7	Longitudinal Mapping of Cortical Thickness and Brain Growth in Normal Children. Journal of Neuroscience, 2004, 24, 8223-8231.	1.7	1,313
8	In vivo evidence for post-adolescent brain maturation in frontal and striatal regions. Nature Neuroscience, 1999, 2, 859-861.	7.1	1,289
9	Mapping brain asymmetry. Nature Reviews Neuroscience, 2003, 4, 37-48.	4.9	1,256
10	Sexual dimorphism of brain developmental trajectories during childhood and adolescence. NeuroImage, 2007, 36, 1065-1073.	2.1	1,121
11	Genetic influences on brain structure. Nature Neuroscience, 2001, 4, 1253-1258.	7.1	1,018
12	Dynamics of Gray Matter Loss in Alzheimer's Disease. Journal of Neuroscience, 2003, 23, 994-1005.	1.7	998
13	The challenge of mapping the human connectome based on diffusion tractography. Nature Communications, 2017, 8, 1349.	5.8	956
14	Mapping Continued Brain Growth and Gray Matter Density Reduction in Dorsal Frontal Cortex: Inverse Relationships during Postadolescent Brain Maturation. Journal of Neuroscience, 2001, 21, 8819-8829.	1.7	854
15	Cortical abnormalities in adults and adolescents with major depression based on brain scans from 20 cohorts worldwide in the ENIGMA Major Depressive Disorder Working Group. Molecular Psychiatry, 2017, 22, 900-909.	4.1	852
16	Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. Molecular Psychiatry, 2016, 21, 806-812.	4.1	850
17	Subcortical brain volume abnormalities in 2028 individuals with schizophrenia and 2540 healthy controls via the ENIGMA consortium. Molecular Psychiatry, 2016, 21, 547-553.	4.1	820
18	Growth patterns in the developing brain detected by using continuum mechanical tensor maps. Nature, 2000, 404, 190-193.	13.7	781

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19	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
20	Mapping adolescent brain change reveals dynamic wave of accelerated gray matter loss in very early-onset schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 11650-11655.	3.3	742
21	Mapping brain maturation. <i>Trends in Neurosciences</i> , 2006, 29, 148-159.	4.2	726
22	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
23	Structural Abnormalities in the Brains of Human Subjects Who Use Methamphetamine. <i>Journal of Neuroscience</i> , 2004, 24, 6028-6036.	1.7	671
24	PET of Brain Amyloid and Tau in Mild Cognitive Impairment. <i>New England Journal of Medicine</i> , 2006, 355, 2652-2663.	13.9	651
25	Cortical Brain Abnormalities in 4474 Individuals With Schizophrenia and 5098 Control Subjects via the Enhancing Neuro Imaging Genetics Through Meta Analysis (ENIGMA) Consortium. <i>Biological Psychiatry</i> , 2018, 84, 644-654.	0.7	627
26	Sex Differences in Cortical Thickness Mapped in 176 Healthy Individuals between 7 and 87 Years of Age. <i>Cerebral Cortex</i> , 2007, 17, 1550-1560.	1.6	612
27	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	9.4	594
28	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017, 4, 310-319.	3.7	565
29	Brain structure and obesity. <i>Human Brain Mapping</i> , 2010, 31, 353-364.	1.9	555
30	Mapping hippocampal and ventricular change in Alzheimer disease. <i>NeuroImage</i> , 2004, 22, 1754-1766.	2.1	554
31	MRI of hippocampal volume loss in early Alzheimer's disease in relation to ApoE genotype and biomarkers. <i>Brain</i> , 2008, 132, 1067-1077.	3.7	516
32	Cortical abnormalities in children and adolescents with attention-deficit hyperactivity disorder. <i>Lancet</i> , 2003, 362, 1699-1707.	6.3	506
33	Mapping Changes in the Human Cortex throughout the Span of Life. <i>Neuroscientist</i> , 2004, 10, 372-392.	2.6	490
34	Conversion of Mild Cognitive Impairment to Alzheimer Disease Predicted by Hippocampal Atrophy Maps. <i>Archives of Neurology</i> , 2006, 63, 693.	4.9	490
35	Localizing Age-Related Changes in Brain Structure between Childhood and Adolescence Using Statistical Parametric Mapping. <i>NeuroImage</i> , 1999, 9, 587-597.	2.1	469
36	Robust Brain Extraction Across Datasets and Comparison With Publicly Available Methods. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 1617-1634.	5.4	463

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37	Genus Zero Surface Conformal Mapping and Its Application to Brain Surface Mapping. IEEE Transactions on Medical Imaging, 2004, 23, 949-958.	5.4	457
38	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	6.0	450
39	Dynamics of the Hippocampus During Encoding and Retrieval of Face-Name Pairs. Science, 2003, 299, 577-580.	6.0	447
40	Age, APOE and sex: Triad of risk of Alzheimer's disease. Journal of Steroid Biochemistry and Molecular Biology, 2016, 160, 134-147.	1.2	443
41	Neurobiology of intelligence: science and ethics. Nature Reviews Neuroscience, 2004, 5, 471-482.	4.9	427
42	Functional Brain Connectivity Using fMRI in Aging and Alzheimer's Disease. Neuropsychology Review, 2014, 24, 49-62.	2.5	427
43	Genetics of Brain Fiber Architecture and Intellectual Performance. Journal of Neuroscience, 2009, 29, 2212-2224.	1.7	420
44	Physical activity predicts gray matter volume in late adulthood. Neurology, 2010, 75, 1415-1422.	1.5	414
45	The topography of grey matter involvement in early and late onset Alzheimer's disease. Brain, 2007, 130, 720-730.	3.7	408
46	Cortical Change in Alzheimer's Disease Detected with a Disease-specific Population-based Brain Atlas. Cerebral Cortex, 2001, 11, 1-16.	1.6	401
47	Subcortical volumetric abnormalities in bipolar disorder. Molecular Psychiatry, 2016, 21, 1710-1716.	4.1	400
48	Spatial patterns of neuroimaging biomarker change in individuals from families with autosomal dominant Alzheimer's disease: a longitudinal study. Lancet Neurology, The, 2018, 17, 241-250.	4.9	383
49	Alzheimer's Disease Neuroimaging Initiative biomarkers as quantitative phenotypes: Genetics core aims, progress, and plans. Alzheimer's and Dementia, 2010, 6, 265-273.	0.4	378
50	Dynamic mapping of normal human hippocampal development. Hippocampus, 2006, 16, 664-672.	0.9	377
51	Mapping Cortical Thickness and Gray Matter Concentration in First Episode Schizophrenia. Cerebral Cortex, 2005, 15, 708-719.	1.6	370
52	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. Translational Psychiatry, 2020, 10, 100.	2.4	365
53	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. NeuroImage, 2004, 23, S2-S18.	2.1	356
54	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. American Journal of Psychiatry, 2018, 175, 359-369.	4.0	356

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55	Computer-assisted imaging to assess brain structure in healthy and diseased brains. <i>Lancet Neurology</i> , 2003, 2, 79-88.	4.9	354
56	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: A pilot project of the ENIGMAâ€“DTI working group. <i>NeuroImage</i> , 2013, 81, 455-469.	2.1	354
57	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	3.7	352
58	Altered functional and structural brain network organization in autism. <i>NeuroImage: Clinical</i> , 2013, 2, 79-94.	1.4	350
59	Smaller Hippocampal Volume in Posttraumatic Stress Disorder: A Multisite ENIGMA-PGC Study: Subcortical Volumetry Results From Posttraumatic Stress Disorder Consortia. <i>Biological Psychiatry</i> , 2018, 83, 244-253.	0.7	335
60	Three-Dimensional Statistical Analysis of Sulcal Variability in the Human Brain. <i>Journal of Neuroscience</i> , 1996, 16, 4261-4274.	1.7	324
61	Tensor-based morphometry as a neuroimaging biomarker for Alzheimer's disease: An MRI study of 676 AD, MCI, and normal subjects. <i>NeuroImage</i> , 2008, 43, 458-469.	2.1	317
62	Association of DISC1/TRAX Haplotypes With Schizophrenia, Reduced Prefrontal Gray Matter, and Impaired Short- and Long-term Memory. <i>Archives of General Psychiatry</i> , 2005, 62, 1205.	13.8	314
63	Gender differences in cortical complexity. <i>Nature Neuroscience</i> , 2004, 7, 799-800.	7.1	311
64	Update on the Magnetic Resonance Imaging core of the Alzheimer's Disease Neuroimaging Initiative. <i>Alzheimer's and Dementia</i> , 2010, 6, 212-220.	0.4	311
65	Mathematical/computational challenges in creating deformable and probabilistic atlases of the human brain. , 2000, 9, 81-92.		310
66	Gender effects on cortical thickness and the influence of scaling. <i>Human Brain Mapping</i> , 2006, 27, 314-324.	1.9	310
67	Regional variability of imaging biomarkers in autosomal dominant Alzheimerâ€™s disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4502-9.	3.3	309
68	Relationships between IQ and Regional Cortical Gray Matter Thickness in Healthy Adults. <i>Cerebral Cortex</i> , 2007, 17, 2163-2171.	1.6	306
69	Mapping gray matter development: Implications for typical development and vulnerability to psychopathology. <i>Brain and Cognition</i> , 2010, 72, 6-15.	0.8	306
70	GENETICS OF BRAIN STRUCTURE AND INTELLIGENCE. <i>Annual Review of Neuroscience</i> , 2005, 28, 1-23.	5.0	304
71	Abnormal asymmetries in subcortical brain volume in schizophrenia. <i>Molecular Psychiatry</i> , 2016, 21, 1460-1466.	4.1	300
72	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5154-E5163.	3.3	299

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73	A meta-analysis of hippocampal atrophy rates in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2009, 30, 1711-1723.	1.5	294
74	Detection and Mapping of Abnormal Brain Structure with a Probabilistic Atlas of Cortical Surfaces. <i>Journal of Computer Assisted Tomography</i> , 1997, 21, 567-581.	0.5	290
75	A curvature-based approach to estimate local gyrification on the cortical surface. <i>NeuroImage</i> , 2006, 29, 1224-1230.	2.1	289
76	Thinning of the cerebral cortex visualized in HIV/AIDS reflects CD4+ T lymphocyte decline. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15647-15652.	3.3	283
77	Spread of pathological tau proteins through communicating neurons in human Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 2612.	5.8	283
78	Cortex mapping reveals regionally specific patterns of genetic and disease-specific gray-matter deficits in twins discordant for schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3228-3233.	3.3	281
79	Diffusion Imaging, White Matter, and Psychopathology. <i>Annual Review of Clinical Psychology</i> , 2011, 7, 63-85.	6.3	281
80	Effectiveness of regional DTI measures in distinguishing Alzheimer's disease, MCI, and normal aging. <i>NeuroImage: Clinical</i> , 2013, 3, 180-195.	1.4	277
81	A Genome-Wide Association Study Identifies Five Loci Influencing Facial Morphology in Europeans. <i>PLoS Genetics</i> , 2012, 8, e1002932.	1.5	274
82	Progressive brain structural changes mapped as psychosis develops in "at risk" individuals. <i>Schizophrenia Research</i> , 2009, 108, 85-92.	1.1	273
83	Greater Cortical Gray Matter Density in Lithium-Treated Patients with Bipolar Disorder. <i>Biological Psychiatry</i> , 2007, 62, 7-16.	0.7	271
84	Regional specificity of hippocampal volume reductions in first-episode schizophrenia. <i>NeuroImage</i> , 2004, 21, 1563-1575.	2.1	269
85	Distinct Subcortical Volume Alterations in Pediatric and Adult OCD: A Worldwide Meta- and Mega-Analysis. <i>American Journal of Psychiatry</i> , 2017, 174, 60-69.	4.0	268
86	Abnormal Cortical Complexity and Thickness Profiles Mapped in Williams Syndrome. <i>Journal of Neuroscience</i> , 2005, 25, 4146-4158.	1.7	265
87	Towards multimodal atlases of the human brain. <i>Nature Reviews Neuroscience</i> , 2006, 7, 952-966.	4.9	261
88	Subregional hippocampal atrophy predicts Alzheimer's dementia in the cognitively normal. <i>Neurobiology of Aging</i> , 2010, 31, 1077-1088.	1.5	261
89	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019, 176, 531-542.	4.0	261
90	Hippocampal Atrophy and Ventricular Enlargement in Normal Aging, Mild Cognitive Impairment (MCI), and Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 17-27.	0.6	254

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91	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
92	Mapping Corpus Callosum Deficits in Autism: An Index of Aberrant Cortical Connectivity. <i>Biological Psychiatry</i> , 2006, 60, 218-225.	0.7	246
93	Cortical variability and asymmetry in normal aging and Alzheimer's disease. <i>Cerebral Cortex</i> , 1998, 8, 492-509.	1.6	243
94	Genetic studies of quantitative MCI and AD phenotypes in ADNI: Progress, opportunities, and plans. <i>Alzheimer's and Dementia</i> , 2015, 11, 792-814.	0.4	241
95	Voxelwise genome-wide association study (vGWAS). <i>NeuroImage</i> , 2010, 53, 1160-1174.	2.1	239
96	Early and Late Neurodevelopmental Influences in the Prodrome to Schizophrenia: Contributions of Genes, Environment, and Their Interactions. <i>Schizophrenia Bulletin</i> , 2003, 29, 653-669.	2.3	238
97	Neuroimaging endophenotypes: Strategies for finding genes influencing brain structure and function. <i>Human Brain Mapping</i> , 2007, 28, 488-501.	1.9	237
98	3D comparison of hippocampal atrophy in amnesic mild cognitive impairment and Alzheimer's disease. <i>Brain</i> , 2006, 129, 2867-2873.	3.7	232
99	Genetics of white matter development: A DTI study of 705 twins and their siblings aged 12 to 29. <i>NeuroImage</i> , 2011, 54, 2308-2317.	2.1	232
100	Vinculin-actin interaction couples actin retrograde flow to focal adhesions, but is dispensable for focal adhesion growth. <i>Journal of Cell Biology</i> , 2013, 202, 163-177.	2.3	230
101	Allelic deletion at 11q23 is common in MYCN single copy neuroblastomas. <i>Oncogene</i> , 1999, 18, 4948-4957.	2.6	228
102	Relationship between white matter fractional anisotropy and other indices of cerebral health in normal aging: Tract-based spatial statistics study of aging. <i>NeuroImage</i> , 2007, 35, 478-487.	2.1	228
103	Lifespan trajectory of myelin integrity and maximum motor speed. <i>Neurobiology of Aging</i> , 2010, 31, 1554-1562.	1.5	228
104	A commonly carried allele of the obesity-related <i>FTO</i> gene is associated with reduced brain volume in the healthy elderly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8404-8409.	3.3	227
105	Connectomics and epilepsy. <i>Current Opinion in Neurology</i> , 2013, 26, 186-194.	1.8	227
106	Heritability of fractional anisotropy in human white matter: A comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015, 111, 300-311.	2.1	227
107	Mapping callosal morphology and cognitive correlates. <i>Neurology</i> , 2001, 57, 235-244.	1.5	222
108	High-Resolution Random Mesh Algorithms for Creating a Probabilistic 3D Surface Atlas of the Human Brain. <i>NeuroImage</i> , 1996, 3, 19-34.	2.1	221

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109	Thinning of sensorimotor cortices in children with Tourette syndrome. <i>Nature Neuroscience</i> , 2008, 11, 637-639.	7.1	221
110	Brain Differences in Infants at Differential Genetic Risk for Late-Onset Alzheimer Disease. <i>JAMA Neurology</i> , 2014, 71, 11.	4.5	221
111	The Development of the Corpus Callosum in the Healthy Human Brain. <i>Journal of Neuroscience</i> , 2010, 30, 10985-10990.	1.7	220
112	White matter disturbances in major depressive disorder: a coordinated analysis across 20 international cohorts in the ENIGMA MDD working group. <i>Molecular Psychiatry</i> , 2020, 25, 1511-1525.	4.1	218
113	Detection, visualization and animation of abnormal anatomic structure with a deformable probabilistic brain atlas based on random vector field transformations. <i>Medical Image Analysis</i> , 1997, 1, 271-294.	7.0	215
114	Reduced Neocortical Thickness and Complexity Mapped in Mesial Temporal Lobe Epilepsy with Hippocampal Sclerosis. <i>Cerebral Cortex</i> , 2007, 17, 2007-2018.	1.6	215
115	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
116	Common variants at 12q14 and 12q24 are associated with hippocampal volume. <i>Nature Genetics</i> , 2012, 44, 545-551.	9.4	212
117	Automated mapping of hippocampal atrophy in 1-year repeat MRI data from 490 subjects with Alzheimer's disease, mild cognitive impairment, and elderly controls. <i>NeuroImage</i> , 2009, 45, S3-S15.	2.1	211
118	Tracking Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2007, 1097, 183-214.	1.8	209
119	Mapping local hippocampal changes in Alzheimer's disease and normal ageing with MRI at 3 Tesla. <i>Brain</i> , 2008, 131, 3266-3276.	3.7	206
120	Along-tract statistics allow for enhanced tractography analysis. <i>NeuroImage</i> , 2012, 59, 3227-3242.	2.1	205
121	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	7.1	204
122	Hippocampal Morphology and Distinguishing Late-Onset From Early-Onset Elderly Depression. <i>American Journal of Psychiatry</i> , 2008, 165, 229-237.	4.0	201
123	Regional Brain Shape Abnormalities Persist into Adolescence after Heavy Prenatal Alcohol Exposure. <i>Cerebral Cortex</i> , 2002, 12, 856-865.	1.6	200
124	Mapping Sulcal Pattern Asymmetry and Local Cortical Surface Gray Matter Distribution In Vivo: Maturation in Perisylvian Cortices. <i>Cerebral Cortex</i> , 2002, 12, 17-26.	1.6	199
125	Evidence for deficient modulation of amygdala response by prefrontal cortex in bipolar mania. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 27-37.	0.9	199
126	Longitudinal stability of MRI for mapping brain change using tensor-based morphometry. <i>NeuroImage</i> , 2006, 31, 627-640.	2.1	198



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127	Cortical Abnormalities Associated With Pediatric and Adult Obsessive-Compulsive Disorder: Findings From the ENIGMA Obsessive-Compulsive Disorder Working Group. <i>American Journal of Psychiatry</i> , 2018, 175, 453-462.	4.0	197
128	Reduced cortical thickness in hippocampal subregions among cognitively normal apolipoprotein E e4 carriers. <i>NeuroImage</i> , 2008, 41, 1177-1183.	2.1	193
129	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
130	Mega-Analysis of Gray Matter Volume in Substance Dependence: General and Substance-Specific Regional Effects. <i>American Journal of Psychiatry</i> , 2019, 176, 119-128.	4.0	190
131	Mapping cortical gray matter in the young adult brain: Effects of gender. <i>NeuroImage</i> , 2005, 26, 493-501.	2.1	189
132	Age-related morphology trends of cortical sulci. <i>Human Brain Mapping</i> , 2005, 26, 210-220.	1.9	188
133	Partial volume correction in quantitative amyloid imaging. <i>NeuroImage</i> , 2015, 107, 55-64.	2.1	188
134	Cortical Sulcal Maps in Autism. <i>Cerebral Cortex</i> , 2003, 13, 728-735.	1.6	187
135	Atlas-based hippocampus segmentation in Alzheimer's disease and mild cognitive impairment. <i>NeuroImage</i> , 2005, 27, 979-990.	2.1	187
136	Cortical Thinning in Cingulate and Occipital Cortices in First Episode Schizophrenia. <i>Biological Psychiatry</i> , 2005, 58, 32-40.	0.7	187
137	Mapping the Human Connectome. <i>Neurosurgery</i> , 2012, 71, 1-5.	0.6	187
138	Abnormal Cortical Thickness and Brain-Behavior Correlation Patterns in Individuals with Heavy Prenatal Alcohol Exposure. <i>Cerebral Cortex</i> , 2008, 18, 136-144.	1.6	184
139	Comparison of AdaBoost and Support Vector Machines for Detecting Alzheimer's Disease Through Automated Hippocampal Segmentation. <i>IEEE Transactions on Medical Imaging</i> , 2010, 29, 30-43.	5.4	184
140	Validation of a fully automated 3D hippocampal segmentation method using subjects with Alzheimer's disease mild cognitive impairment, and elderly controls. <i>NeuroImage</i> , 2008, 43, 59-68.	2.1	181
141	Sex and age differences in atrophic rates: an ADNI study with n=1368 MRI scans. <i>Neurobiology of Aging</i> , 2010, 31, 1463-1480.	1.5	181
142	Impact of the Alzheimer's Disease Neuroimaging Initiative, 2004 to 2014. <i>Alzheimer's and Dementia</i> , 2015, 11, 865-884.	0.4	181
143	Effects of nadir CD4 count and duration of human immunodeficiency virus infection on brain volumes in the highly active antiretroviral therapy era. <i>Journal of NeuroVirology</i> , 2010, 16, 25-32.	1.0	179
144	Regional Spatial Normalization: Toward an Optimal Target. <i>Journal of Computer Assisted Tomography</i> , 2001, 25, 805-816.	0.5	178

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145	Automated 3D mapping of hippocampal atrophy and its clinical correlates in 400 subjects with Alzheimer's disease, mild cognitive impairment, and elderly controls. <i>Human Brain Mapping</i> , 2009, 30, 2766-2788.	1.9	178
146	Local cortical surface complexity maps from spherical harmonic reconstructions. <i>NeuroImage</i> , 2011, 56, 961-973.	2.1	176
147	Steps to standardization and validation of hippocampal volumetry as a biomarker in clinical trials and diagnostic criterion for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2011, 7, 474.	0.4	176
148	Statistical Properties of Jacobian Maps and the Realization of Unbiased Large-Deformation Nonlinear Image Registration. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 822-832.	5.4	174
149	Neuroanatomy of fragile X syndrome is associated with aberrant behavior and the fragile X mental retardation protein (FMRP). <i>Annals of Neurology</i> , 2008, 63, 40-51.	2.8	174
150	Impaired default network functional connectivity in autosomal dominant Alzheimer disease. <i>Neurology</i> , 2013, 81, 736-744.	1.5	174
151	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. <i>NeuroImage</i> , 2017, 145, 389-408.	2.1	173
152	Standardization of analysis sets for reporting results from ADNI MRI data. <i>Alzheimer's and Dementia</i> , 2013, 9, 332-337.	0.4	172
153	Development of brain structural connectivity between ages 12 and 30: A 4-Tesla diffusion imaging study in 439 adolescents and adults. <i>NeuroImage</i> , 2013, 64, 671-684.	2.1	172
154	Autism-related dietary preferences mediate autism-gut microbiome associations. <i>Cell</i> , 2021, 184, 5916-5931.e17.	13.5	172
155	Hemispheric Asymmetries in Cortical Thickness. <i>Cerebral Cortex</i> , 2006, 16, 1232-1238.	1.6	171
156	Positive correlations between corpus callosum thickness and intelligence. <i>NeuroImage</i> , 2007, 37, 1457-1464.	2.1	170
157	Obesity is linked with lower brain volume in 700 AD and MCI patients. <i>Neurobiology of Aging</i> , 2010, 31, 1326-1339.	1.5	170
158	White matter microstructural alterations across four major psychiatric disorders: mega-analysis study in 2937 individuals. <i>Molecular Psychiatry</i> , 2020, 25, 883-895.	4.1	170
159	Analysis of sampling techniques for imbalanced data: An n = 648 ADNI study. <i>NeuroImage</i> , 2014, 87, 220-241.	2.1	168
160	Mapping cortical asymmetry and complexity patterns in normal children. <i>Psychiatry Research - Neuroimaging</i> , 2001, 107, 29-43.	0.9	167
161	Voxel-based morphometric analyses of the brain in children and adolescents prenatally exposed to alcohol. <i>NeuroReport</i> , 2001, 12, 515-523.	0.6	167
162	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	5.8	167

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163	Increased volume of the amygdala and hippocampus in bipolar patients treated with lithium. <i>NeuroReport</i> , 2008, 19, 221-224.	0.6	165
164	Neuroanatomical correlates of intelligence. <i>Intelligence</i> , 2009, 37, 156-163.	1.6	165
165	Boosting power for clinical trials using classifiers based on multiple biomarkers. <i>Neurobiology of Aging</i> , 2010, 31, 1429-1442.	1.5	165
166	Heritability of Working Memory Brain Activation. <i>Journal of Neuroscience</i> , 2011, 31, 10882-10890.	1.7	165
167	3D pattern of brain atrophy in HIV/AIDS visualized using tensor-based morphometry. <i>NeuroImage</i> , 2007, 34, 44-60.	2.1	164
168	Breakdown of Brain Connectivity Between Normal Aging and Alzheimer's Disease: A Structural Core Network Analysis. <i>Brain Connectivity</i> , 2013, 3, 407-422.	0.8	162
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