

# Bruce Fischl Or B Fischl

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

269  
papers

76,006  
citations

92  
h-index

275  
g-index

295  
ext. papers

93,033  
ext. citations

6.6  
avg, IF

8.08  
L-index

#	Paper	IF	Citations
269	Scalable mapping of myelin and neuron density in the human brain with micrometer resolution.. <i>Scientific Reports</i> , <b>2022</b> , 12, 363	4.9	0
268	A novel algorithm for multiplicative speckle noise reduction in ex vivo human brain OCT images.. <i>NeuroImage</i> , <b>2022</b> , 119304	7.9	0
267	SuperWarp: Supervised Learning and Warping on U-Net for Invariant Subvoxel-Precise Registration. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 103-115	0.9	
266	Mapping the subcortical connectivity of the human default mode network. <i>NeuroImage</i> , <b>2021</b> , 245, 118758	7.9	5
265	Robust joint registration of multiple stains and MRI for multimodal 3D histology reconstruction: Application to the Allen human brain atlas. <i>Medical Image Analysis</i> , <b>2021</b> , 75, 102265	15.4	0
264	Quantification of volumetric morphometry and optical property in the cortex of human cerebellum at micrometer resolution. <i>NeuroImage</i> , <b>2021</b> , 244, 118627	7.9	2
263	Learning Mri Contrast-Agnostic Registration <b>2021</b> ,		1
262	Multi-Atlas Image Soft Segmentation via Computation of the Expected Label Value. <i>IEEE Transactions on Medical Imaging</i> , <b>2021</b> , 40, 1702-1710	11.7	0
261	CoVA: An Acuity Score for Outpatient Screening that Predicts Coronavirus Disease 2019 Prognosis. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 223, 38-46	7	18
260	Joint super-resolution and synthesis of 1mm isotropic MP-RAGE volumes from clinical MRI exams with scans of different orientation, resolution and contrast. <i>NeuroImage</i> , <b>2021</b> , 237, 118206	7.9	12
259	Reliability and sensitivity of two whole-brain segmentation approaches included in FreeSurfer - ASEG and SAMSEG. <i>NeuroImage</i> , <b>2021</b> , 237, 118113	7.9	3
258	Conductance-Based Structural Brain Connectivity in Aging and Dementia. <i>Brain Connectivity</i> , <b>2021</b> , 11, 566-583	2.7	3
257	A deep learning toolbox for automatic segmentation of subcortical limbic structures from MRI images. <i>NeuroImage</i> , <b>2021</b> , 244, 118610	7.9	2
256	High-fidelity approximation of grid- and shell-based sampling schemes from undersampled DSI using compressed sensing: Post mortem validation. <i>NeuroImage</i> , <b>2021</b> , 244, 118621	7.9	4
255	MarkVCID cerebral small vessel consortium: II. Neuroimaging protocols. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 716-725	1.2	15
254	HyperMorph: Amortized Hyperparameter Learning for Image Registration. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 3-17	0.9	18
253	SynthMorph: learning contrast-invariant registration without acquired images. <i>IEEE Transactions on Medical Imaging</i> , <b>2021</b> , PP,	11.7	8

252	FastSurfer - A fast and accurate deep learning based neuroimaging pipeline. <i>NeuroImage</i> , <b>2020</b> , 219, 117012	7.9	72
251	COMPENSATORY BRAIN CONNECTION DISCOVERY IN ALZHEIMER'S DISEASE <b>2020</b> , 2020, 283-287	1.5	2
250	Improving the characterization of human brain optical properties using high numerical aperture optical coherence tomography by spatially constraining the confocal parameters. <i>NeuroPhotonics</i> , <b>2020</b> , 7, 045005	3.9	5
249	3D Reconstruction and Segmentation of Dissection Photographs for MRI-Free Neuropathology. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 204-214	0.9	1
248	Infant FreeSurfer: An automated segmentation and surface extraction pipeline for T1-weighted neuroimaging data of infants 0-2 years. <i>NeuroImage</i> , <b>2020</b> , 218, 116946	7.9	38
247	The Ansa Subthalamica: A Neglected Fiber Tract. <i>Movement Disorders</i> , <b>2020</b> , 35, 75-80	7	15
246	Cortical surface registration using unsupervised learning. <i>NeuroImage</i> , <b>2020</b> , 221, 117161	7.9	10
245	Optimizing the accuracy of cortical volumetric analysis in traumatic brain injury. <i>MethodsX</i> , <b>2020</b> , 7, 100994	3.4	6
244	Insight into the fundamental trade-offs of diffusion MRI from polarization-sensitive optical coherence tomography in ex vivo human brain. <i>NeuroImage</i> , <b>2020</b> , 214, 116704	7.9	18
243	7 Tesla MRI of the ex vivo human brain at 100 micron resolution. <i>Scientific Data</i> , <b>2019</b> , 6, 244	8.2	82
242	Quantification of structural brain connectivity via a conductance model. <i>NeuroImage</i> , <b>2019</b> , 189, 485-496	7.9	11
241	Intracortical smoothing of small-voxel fMRI data can provide increased detection power without spatial resolution losses compared to conventional large-voxel fMRI data. <i>NeuroImage</i> , <b>2019</b> , 189, 601-614	7.9	16
240	PSACNN: Pulse sequence adaptive fast whole brain segmentation. <i>NeuroImage</i> , <b>2019</b> , 199, 553-569	7.9	17
239	Representational similarity precedes category selectivity in the developing ventral visual pathway. <i>NeuroImage</i> , <b>2019</b> , 197, 565-574	7.9	12
238	Markerless high-frequency prospective motion correction for neuroanatomical MRI. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 82, 126-144	4.4	30
237	Maturational Changes in Human Dorsal and Ventral Visual Networks. <i>Cerebral Cortex</i> , <b>2019</b> , 29, 5131-5149	5.1	7
236	Expected Label Value Computation for Atlas-Based Image Segmentation <b>2019</b> , 2019, 334-338	1.5	2
235	Unsupervised Deep Learning for Bayesian Brain MRI Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 11766, 356-365	0.9	21

234	Detecting Structural Brain Connectivity Differences in Dementia Through a Conductance Model <b>2019</b> ,		1
233	Intrinsic Functional Connectivity of the Brain in Adults with a Single Cerebral Hemisphere. <i>Cell Reports</i> , <b>2019</b> , 29, 2398-2407.e4	10.6	26
232	Colocalization of neurons in optical coherence microscopy and Nissl-stained histology in Brodmann's area 32 and area 21. <i>Brain Structure and Function</i> , <b>2019</b> , 224, 351-362	4	8
231	The Lifespan Human Connectome Project in Aging: An overview. <i>NeuroImage</i> , <b>2019</b> , 185, 335-348	7.9	74
230	Microstructural parcellation of the human brain. <i>NeuroImage</i> , <b>2018</b> , 182, 219-231	7.9	15
229	Multimodal Characterization of the Late Effects of Traumatic Brain Injury: A Methodological Overview of the Late Effects of Traumatic Brain Injury Project. <i>Journal of Neurotrauma</i> , <b>2018</b> , 35, 1604-1619	5.4	23
228	Factors influencing accuracy of cortical thickness in the diagnosis of Alzheimer's disease. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 1500-1515	5.9	13
227	False positive rates in surface-based anatomical analysis. <i>NeuroImage</i> , <b>2018</b> , 171, 6-14	7.9	96
226	Dementia After Moderate-Severe Traumatic Brain Injury: Coexistence of Multiple Proteinopathies. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2018</b> , 77, 50-63	3.1	46
225	White matter abnormalities and cognition in patients with conflicting diagnoses and CSF profiles. <i>Neurology</i> , <b>2018</b> , 90, e1461-e1469	6.5	8
224	A probabilistic template of human mesopontine tegmental nuclei from in vivo 7T MRI. <i>NeuroImage</i> , <b>2018</b> , 170, 222-230	7.9	21
223	Analysis strategies for high-resolution UHF-fMRI data. <i>NeuroImage</i> , <b>2018</b> , 168, 296-320	7.9	54
222	AnatomiCuts: Hierarchical clustering of tractography streamlines based on anatomical similarity. <i>NeuroImage</i> , <b>2018</b> , 166, 32-45	7.9	38
221	Advantages of cortical surface reconstruction using submillimeter 7T MEMPRAGE. <i>NeuroImage</i> , <b>2018</b> , 165, 11-26	7.9	42
220	as-PSOCT: Volumetric microscopic imaging of human brain architecture and connectivity. <i>NeuroImage</i> , <b>2018</b> , 165, 56-68	7.9	26
219	A probabilistic atlas of the human thalamic nuclei combining ex vivo MRI and histology. <i>NeuroImage</i> , <b>2018</b> , 183, 314-326	7.9	144
218	Pulse Sequence Resilient Fast Brain Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 654-662	0.9	7
217	Model-Based Refinement of Nonlinear Registrations in 3D Histology Reconstruction. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 147-155	0.9	1

216	Extending the Human Connectome Project across ages: Imaging protocols for the Lifespan Development and Aging projects. <i>NeuroImage</i> , <b>2018</b> , 183, 972-984	7.9	101
215	Joint registration and synthesis using a probabilistic model for alignment of MRI and histological sections. <i>Medical Image Analysis</i> , <b>2018</b> , 50, 127-144	15.4	18
214	Regionally specific TSC1 and TSC2 gene expression in tuberous sclerosis complex. <i>Scientific Reports</i> , <b>2018</b> , 8, 13373	4.9	7
213	Unsupervised Medical Image Segmentation Based on the Local Center of Mass. <i>Scientific Reports</i> , <b>2018</b> , 8, 13012	4.9	34
212	Accurate nonlinear mapping between MNI volumetric and FreeSurfer surface coordinate systems. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 3793-3808	5.9	34
211	Studying neuroanatomy using MRI. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 314-326	25.5	147
210	Mid-space-independent deformable image registration. <i>NeuroImage</i> , <b>2017</b> , 152, 158-170	7.9	13
209	Shared genetic risk between corticobasal degeneration, progressive supranuclear palsy, and frontotemporal dementia. <i>Acta Neuropathologica</i> , <b>2017</b> , 133, 825-837	14.3	58
208	Differential Regional Distribution of Juxtacortical White Matter Signal Abnormalities in Aging and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2017</b> , 57, 293-303	4.3	19
207	Entorhinal Cortex: Antemortem Cortical Thickness and Postmortem Neurofibrillary Tangles and Amyloid Pathology. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 961-965	4.4	22
206	The Cytoarchitecture of Domain-specific Regions in Human High-level Visual Cortex. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 146-161	5.1	57
205	Multimodal Image Registration through Simultaneous Segmentation. <i>IEEE Signal Processing Letters</i> , <b>2017</b> , 24, 1661-1665	3.2	10
204	Functional density and edge maps: Characterizing functional architecture in individuals and improving cross-subject registration. <i>NeuroImage</i> , <b>2017</b> , 158, 346-355	7.9	21
203	Characterizing the optical properties of human brain tissue with high numerical aperture optical coherence tomography. <i>Biomedical Optics Express</i> , <b>2017</b> , 8, 5617-5636	3.5	23
202	Comprehensive cellular-resolution atlas of the adult human brain. <i>Journal of Comparative Neurology</i> , <b>2016</b> , 524, Spc1-Spc1	3.4	4
201	Bayesian longitudinal segmentation of hippocampal substructures in brain MRI using subject-specific atlases. <i>NeuroImage</i> , <b>2016</b> , 141, 542-555	7.9	83
200	Comprehensive cellular-resolution atlas of the adult human brain. <i>Journal of Comparative Neurology</i> , <b>2016</b> , 524, 3127-481	3.4	174
199	FreeSurfer is useful for early detection of Rasmussen's encephalitis prior to obvious atrophy. <i>Developmental Medicine and Child Neurology</i> , <b>2016</b> , 58, 209-10	3.3	5

198	Prospective motion correction with volumetric navigators (vNavs) reduces the bias and variance in brain morphometry induced by subject motion. <i>NeuroImage</i> , <b>2016</b> , 127, 11-22	7.9	75
197	Joint reconstruction of white-matter pathways from longitudinal diffusion MRI data with anatomical priors. <i>NeuroImage</i> , <b>2016</b> , 127, 277-286	7.9	38
196	Hierarchical Clustering of Tractography Streamlines Based on Anatomical Similarity. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 184-191	0.9	4
195	A Fast Approach to Automatic Detection of Brain Lesions. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 10154, 52-61	0.9	3
194	Multivariate statistical analysis of diffusion imaging parameters using partial least squares: Application to white matter variations in Alzheimer's disease. <i>NeuroImage</i> , <b>2016</b> , 134, 573-586	7.9	15
193	En face speckle reduction in optical coherence microscopy by frequency compounding. <i>Optics Letters</i> , <b>2016</b> , 41, 1925-8	3	9
192	Morphometricity as a measure of the neuroanatomical signature of a trait. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E5749-56	11.5	30
191	Volumetric and fiber-tracing MRI methods for gray and white matter. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2016</b> , 135, 39-60	3	6
190	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , <b>2015</b> , 520, 224-9	50.4	601
189	An algorithm for optimal fusion of atlases with different labeling protocols. <i>NeuroImage</i> , <b>2015</b> , 106, 451-63	7.9	12
188	Gray matter myelination of 1555 human brains using partial volume corrected MRI images. <i>NeuroImage</i> , <b>2015</b> , 105, 473-85	7.9	106
187	Avoiding symmetry-breaking spatial non-uniformity in deformable image registration via a quasi-volume-preserving constraint. <i>NeuroImage</i> , <b>2015</b> , 106, 238-51	7.9	6
186	White matter signal abnormality quality differentiates mild cognitive impairment that converts to Alzheimer's disease from nonconverters. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2447-57	5.6	34
185	The Genetic Association Between Neocortical Volume and General Cognitive Ability Is Driven by Global Surface Area Rather Than Thickness. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 2127-37	5.1	61
184	A computational atlas of the hippocampal formation using ex vivo, ultra-high resolution MRI: Application to adaptive segmentation of in vivo MRI. <i>NeuroImage</i> , <b>2015</b> , 115, 117-37	7.9	566
183	Optical coherence tomography visualizes neurons in human entorhinal cortex. <i>NeuroPhotonics</i> , <b>2015</b> , 2, 015004	3.9	42
182	Bayesian segmentation of brainstem structures in MRI. <i>NeuroImage</i> , <b>2015</b> , 113, 184-95	7.9	108
181	Relevant feature set estimation with a knock-out strategy and random forests. <i>NeuroImage</i> , <b>2015</b> , 122, 131-48	7.9	17

180	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. <i>NeuroImage</i> , <b>2015</b> , 123, 149-64	7.9	48
179	Head motion during MRI acquisition reduces gray matter volume and thickness estimates. <i>NeuroImage</i> , <b>2015</b> , 107, 107-115	7.9	291
178	Brain Genomics Superstruct Project initial data release with structural, functional, and behavioral measures. <i>Scientific Data</i> , <b>2015</b> , 2, 150031	8.2	204
177	Multi-modal robust inverse-consistent linear registration. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 1365-80	5.9	5
176	A FreeSurfer-compliant consistent manual segmentation of infant brains spanning the 0-2 year age range. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 21	3.3	44
175	BrainPrint: a discriminative characterization of brain morphology. <i>NeuroImage</i> , <b>2015</b> , 109, 232-48	7.9	86
174	Mid-Space-Independent Symmetric Data Term for Pairwise Deformable Image Registration. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 9350, 263-271	0.9	1
173	Transcriptional landscape of the prenatal human brain. <i>Nature</i> , <b>2014</b> , 508, 199-206	50.4	797
172	Impact of MRI head placement on glioma response assessment. <i>Journal of Neuro-Oncology</i> , <b>2014</b> , 118, 123-9	4.8	29
171	Spurious group differences due to head motion in a diffusion MRI study. <i>NeuroImage</i> , <b>2014</b> , 88, 79-90	7.9	360
170	Blockface histology with optical coherence tomography: a comparison with Nissl staining. <i>NeuroImage</i> , <b>2014</b> , 84, 524-33	7.9	71
169	Cross-validation of serial optical coherence scanning and diffusion tensor imaging: a study on neural fiber maps in human medulla oblongata. <i>NeuroImage</i> , <b>2014</b> , 100, 395-404	7.9	44
168	H.M.B contributions to neuroscience: a review and autopsy studies. <i>Hippocampus</i> , <b>2014</b> , 24, 1267-86	3.5	67
167	Differences in the right inferior longitudinal fasciculus but no general disruption of white matter tracts in children with autism spectrum disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 1981-6	11.5	84
166	MRI parcellation of ex vivo medial temporal lobe. <i>NeuroImage</i> , <b>2014</b> , 93 Pt 2, 252-9	7.9	31
165	Event time analysis of longitudinal neuroimage data. <i>NeuroImage</i> , <b>2014</b> , 97, 9-18	7.9	22
164	Cortical surface-based analysis reduces bias and variance in kinetic modeling of brain PET data. <i>NeuroImage</i> , <b>2014</b> , 92, 225-36	7.9	122
163	Quantitative comparison of cortical surface reconstructions from MP2RAGE and multi-echo MPRAGE data at 3 and 7 T. <i>NeuroImage</i> , <b>2014</b> , 90, 60-73	7.9	63

162	Localizing the human primary auditory cortex in vivo using structural MRI. <i>NeuroImage</i> , <b>2014</b> , 93 Pt 2, 237-51	7.9	22
161	Conceptual and data-based investigation of genetic influences and brain asymmetry: a twin study of multiple structural phenotypes. <i>Journal of Cognitive Neuroscience</i> , <b>2014</b> , 26, 1100-17	3.1	36
160	Automated MRI parcellation of the frontal lobe. <i>Human Brain Mapping</i> , <b>2014</b> , 35, 2009-26	5.9	17
159	Tracking the roots of reading ability: white matter volume and integrity correlate with phonological awareness in prereading and early-reading kindergarten children. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 13251-8	6.6	161
158	A surface-based analysis of language lateralization and cortical asymmetry. <i>Journal of Cognitive Neuroscience</i> , <b>2013</b> , 25, 1477-92	3.1	142
157	Cognitive reserve moderates the association between hippocampal volume and episodic memory in middle age. <i>Neuropsychologia</i> , <b>2013</b> , 51, 1124-31	3.2	25
156	On removing interpolation and resampling artifacts in rigid image registration. <i>IEEE Transactions on Image Processing</i> , <b>2013</b> , 22, 816-27	8.7	23
155	The minimal preprocessing pipelines for the Human Connectome Project. <i>NeuroImage</i> , <b>2013</b> , 80, 105-24	7.9	2298
154	Predicting the location of human perirhinal cortex, Brodmann area 35, from MRI. <i>NeuroImage</i> , <b>2013</b> , 64, 32-42	7.9	59
153	Statistical analysis of longitudinal neuroimage data with Linear Mixed Effects models. <i>NeuroImage</i> , <b>2013</b> , 66, 249-60	7.9	218
152	SYMMETRIC NON-RIGID IMAGE REGISTRATION VIA AN ADAPTIVE QUASI-VOLUME-PRESERVING CONSTRAINT <b>2013</b> , 2013, 230-233	1.5	3
151	Spatiotemporal linear mixed effects modeling for the mass-univariate analysis of longitudinal neuroimage data. <i>NeuroImage</i> , <b>2013</b> , 81, 358-370	7.9	84
150	Medial temporal cortices in ex vivo magnetic resonance imaging. <i>Journal of Comparative Neurology</i> , <b>2013</b> , 521, 4177-88	3.4	16
149	Genetic topography of brain morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 17089-94	11.5	143
148	Example-based restoration of high-resolution magnetic resonance image acquisitions. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 16, 131-8	0.9	17
147	Is synthesizing MRI contrast useful for inter-modality analysis?. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 16, 631-8	0.9	68
146	Estimating the Location of Brodmann Areas from Cortical Folding Patterns Using Histology and Ex Vivo MRI <b>2013</b> , 129-156		1
145	Entorhinal verrucae correlate with surface geometry. <i>Translational Neuroscience</i> , <b>2012</b> , 3,	1.2	2



144	Entorhinal verrucae geometry is coincident and correlates with Alzheimer's lesions: a combined neuropathology and high-resolution ex vivo MRI analysis. <i>Acta Neuropathologica</i> , <b>2012</b> , 123, 85-96	14.3	18
143	Within-subject template estimation for unbiased longitudinal image analysis. <i>NeuroImage</i> , <b>2012</b> , 61, 1402-18	7.9	1386
142	Validating atlas-guided DOT: a comparison of diffuse optical tomography informed by atlas and subject-specific anatomies. <i>NeuroImage</i> , <b>2012</b> , 62, 1999-2006	7.9	62
141	Genetic and environmental influences of white and gray matter signal contrast: a new phenotype for imaging genetics?. <i>NeuroImage</i> , <b>2012</b> , 60, 1686-95	7.9	25
140	Heritability of brain ventricle volume: converging evidence from inconsistent results. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 1-8	5.6	273
139	Genetic influences on hippocampal volume differ as a function of testosterone level in middle-aged men. <i>NeuroImage</i> , <b>2012</b> , 59, 1123-31	7.9	17
138	FreeSurfer. <i>NeuroImage</i> , <b>2012</b> , 62, 774-81	7.9	3773
137	Measuring and comparing brain cortical surface area and other areal quantities. <i>NeuroImage</i> , <b>2012</b> , 61, 1428-43	7.9	117
136	Hierarchical genetic organization of human cortical surface area. <i>Science</i> , <b>2012</b> , 335, 1634-6	33.3	214
135	Volumetric navigators for prospective motion correction and selective reacquisition in neuroanatomical MRI. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 68, 389-99	4.4	244
134	The association between a polygenic Alzheimer score and cortical thickness in clinically normal subjects. <i>Cerebral Cortex</i> , <b>2012</b> , 22, 2653-61	5.1	91
133	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. <i>Twin Research and Human Genetics</i> , <b>2012</b> , 15, 304-14	2.2	89
132	How to measure cortical folding from MR images: a step-by-step tutorial to compute local gyrification index. <i>Journal of Visualized Experiments</i> , <b>2012</b> , e3417	1.6	73
131	Avoiding asymmetry-induced bias in longitudinal image processing. <i>NeuroImage</i> , <b>2011</b> , 57, 19-21	7.9	318
130	Connectivity-based segmentation of human amygdala nuclei using probabilistic tractography. <i>NeuroImage</i> , <b>2011</b> , 56, 1353-61	7.9	89
129	Thickness of the human cerebral cortex is associated with metrics of cerebrovascular health in a normative sample of community dwelling older adults. <i>NeuroImage</i> , <b>2011</b> , 54, 2659-71	7.9	102
128	Genetic influences on cortical regionalization in the human brain. <i>Neuron</i> , <b>2011</b> , 72, 537-44	13.9	99
127	Consistent neuroanatomical age-related volume differences across multiple samples. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 916-32	5.6	356

126	Automated probabilistic reconstruction of white-matter pathways in health and disease using an atlas of the underlying anatomy. <i>Frontiers in Neuroinformatics</i> , <b>2011</b> , 5, 23	3.9	361
125	Presence of ApoE $\epsilon$ 4 allele associated with thinner frontal cortex in middle age. <i>Journal of Alzheimer's Disease</i> , <b>2011</b> , 26 Suppl 3, 49-60	4.3	60
124	A tale of two factors: what determines the rate of progression in Huntington's disease? A longitudinal MRI study. <i>Movement Disorders</i> , <b>2011</b> , 26, 1691-7	7	49
123	Amyloid- $\beta$ -associated cortical thinning in clinically normal elderly. <i>Annals of Neurology</i> , <b>2011</b> , 69, 1032-42	9.4	250
122	Genetic patterns of correlation among subcortical volumes in humans: results from a magnetic resonance imaging twin study. <i>Human Brain Mapping</i> , <b>2011</b> , 32, 641-53	5.9	42
121	The organization of the human cerebral cortex estimated by intrinsic functional connectivity. <i>Journal of Neurophysiology</i> , <b>2011</b> , 106, 1125-65	3.2	3997
120	The dynamics of cortical and hippocampal atrophy in Alzheimer disease. <i>Archives of Neurology</i> , <b>2011</b> , 68, 1040-8		207
119	Genetic and environmental contributions to regional cortical surface area in humans: a magnetic resonance imaging twin study. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 2313-21	5.1	78
118	Brain structure correlates of individual differences in the acquisition and inhibition of conditioned fear. <i>Cerebral Cortex</i> , <b>2011</b> , 21, 1954-62	5.1	120
117	Direct visualization of the perforant pathway in the human brain with ex vivo diffusion tensor imaging. <i>Frontiers in Human Neuroscience</i> , <b>2010</b> , 4, 42	3.3	62
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2	A multimodal imaging and analysis pipeline for creating a cellular census of the human cerebral cortex		1
1	Accurate Nonlinear Mapping between MNI Volumetric and FreeSurfer Surface Coordinate Systems		3



