

Greig I De Zubicaray

List of Publications by Citations

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242
papers

13,186
citations

58
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110
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267
ext. papers

15,711
ext. citations

6
avg, IF

5.67
L-index

#	Paper	IF	Citations
242	Dynamics of gray matter loss in Alzheimer's disease. <i>Journal of Neuroscience</i> , 2003 , 23, 994-1005	6.6	862
241	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
240	Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. <i>Molecular Psychiatry</i> , 2016 , 21, 806-12	15.1	589
239	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014 , 8, 153-82	4.1	539
238	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. <i>Molecular Psychiatry</i> , 2017 , 22, 900-909	15.1	514
237	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012 , 44, 552-61	36.3	498
236	Mapping hippocampal and ventricular change in Alzheimer disease. <i>NeuroImage</i> , 2004 , 22, 1754-66	7.9	467
235	Genetics of brain fiber architecture and intellectual performance. <i>Journal of Neuroscience</i> , 2009 , 29, 2217-24	7.84	357
234	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. <i>NeuroImage</i> , 2004 , 23 Suppl 1, S2-18	7.9	312
233	Multi-site genetic analysis of diffusion images and voxelwise heritability analysis: a pilot project of the ENIGMA-DTI working group. <i>NeuroImage</i> , 2013 , 81, 455-469	7.9	278
232	L-dopa modulates functional connectivity in striatal cognitive and motor networks: a double-blind placebo-controlled study. <i>Journal of Neuroscience</i> , 2009 , 29, 7364-78	6.6	238
231	Genetics of white matter development: a DTI study of 705 twins and their siblings aged 12 to 29. <i>NeuroImage</i> , 2011 , 54, 2308-17	7.9	201
230	A genome-wide association study identifies five loci influencing facial morphology in Europeans. <i>PLoS Genetics</i> , 2012 , 8, e1002932	6	194
229	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
228	Tracking Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1097, 183-214	6.5	172
227	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016 , 19, 420-431	25.5	163
226	Heritability of fractional anisotropy in human white matter: a comparison of Human Connectome Project and ENIGMA-DTI data. <i>NeuroImage</i> , 2015 , 111, 300-11	7.9	159

225	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
224	Genetic and environmental influences on neuroimaging phenotypes: a meta-analytical perspective on twin imaging studies. <i>Twin Research and Human Genetics</i> , 2012 , 15, 351-71	2.2	155
223	Action word meaning representations in cytoarchitecturally defined primary and premotor cortices. <i>NeuroImage</i> , 2008 , 43, 634-44	7.9	147
222	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
221	The semantic interference effect in the picture-word paradigm: an event-related fMRI study employing overt responses. <i>Human Brain Mapping</i> , 2001 , 14, 218-27	5.9	142
220	Heritability of working memory brain activation. <i>Journal of Neuroscience</i> , 2011 , 31, 10882-90	6.6	141
219	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, 671-84	7.9	140
218	Common Alzheimer's disease risk variant within the CLU gene affects white matter microstructure in young adults. <i>Journal of Neuroscience</i> , 2011 , 31, 6764-70	6.6	139
217	Diffusion indices on magnetic resonance imaging and neuropsychological performance in amnesic mild cognitive impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006 , 77, 1122-8	5.5	135
216	Motor response suppression and the prepotent tendency to respond: a parametric fMRI study. <i>Neuropsychologia</i> , 2000 , 38, 1280-91	3.2	130
215	Genome-wide scan of healthy human connectome discovers SPON1 gene variant influencing dementia severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4768-73	11.5	123
214	Genetic influences on brain asymmetry: a DTI study of 374 twins and siblings. <i>NeuroImage</i> , 2010 , 52, 455-69	6.9	112
213	A 1H MRS study of probable Alzheimer's disease and normal aging: implications for longitudinal monitoring of dementia progression. <i>Magnetic Resonance Imaging</i> , 1999 , 17, 291-9	3.3	110
212	Brain activity during automatic semantic priming revealed by event-related functional magnetic resonance imaging. <i>NeuroImage</i> , 2003 , 20, 302-10	7.9	107
211	Automatic clustering of white matter fibers in brain diffusion MRI with an application to genetics. <i>NeuroImage</i> , 2014 , 100, 75-90	7.9	102
210	Quantifying the heritability of task-related brain activation and performance during the N-back working memory task: a twin fMRI study. <i>Biological Psychology</i> , 2008 , 79, 70-9	3.2	99
209	Nelson's (1976) modified card sorting test: A review. <i>Clinical Neuropsychologist</i> , 1996 , 10, 245-254	4.4	97
208	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and mega-analytical approaches for data pooling. <i>NeuroImage</i> , 2014 , 95, 136-50	7.9	95

207	BDNF gene effects on brain circuitry replicated in 455 twins. <i>NeuroImage</i> , 2011 , 55, 448-54	7.9	94
206	4D deformation modeling of cortical disease progression in Alzheimer's dementia. <i>Magnetic Resonance in Medicine</i> , 2001 , 46, 661-6	4.4	90
205	Heritability and reliability of automatically segmented human hippocampal formation subregions. <i>NeuroImage</i> , 2016 , 128, 125-137	7.9	88
204	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1497-1514	4.1	87
203	Altered structural brain connectivity in healthy carriers of the autism risk gene, CNTNAP2. <i>Brain Connectivity</i> , 2011 , 1, 447-59	2.7	81
202	Fluid registration of diffusion tensor images using information theory. <i>IEEE Transactions on Medical Imaging</i> , 2008 , 27, 442-56	11.7	81
201	Selectivity of human retinotopic visual cortex to S-cone-opponent, L/M-cone-opponent and achromatic stimulation. <i>European Journal of Neuroscience</i> , 2007 , 25, 491-502	3.5	81
200	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	4.6	81
199	The effect of increased genetic risk for Alzheimer's disease on hippocampal and amygdala volume. <i>Neurobiology of Aging</i> , 2016 , 40, 68-77	5.6	78
198	Discovery and Replication of Gene Influences on Brain Structure Using LASSO Regression. <i>Frontiers in Neuroscience</i> , 2012 , 6, 115	5.1	77
197	The tensor distribution function. <i>Magnetic Resonance in Medicine</i> , 2009 , 61, 205-14	4.4	71
196	Mapping the regional influence of genetics on brain structure variability--a tensor-based morphometry study. <i>NeuroImage</i> , 2009 , 48, 37-49	7.9	71
195	Identifying rate-limiting nodes in large-scale cortical networks for visuospatial processing: an illustration using fMRI. <i>Journal of Cognitive Neuroscience</i> , 2001 , 13, 537-45	3.1	71
194	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. <i>Cerebral Cortex</i> , 2016 , 26, 2341-2352	5.1	70
193	Differential processing of thematic and categorical conceptual relations in spoken word production. <i>Journal of Experimental Psychology: General</i> , 2013 , 142, 131-142	4.7	70
192	The contribution of genes to cortical thickness and volume. <i>NeuroReport</i> , 2011 , 22, 101-5	1.7	70
191	The structure and connectivity of semantic memory in the healthy older adult brain. <i>NeuroImage</i> , 2011 , 54, 1488-94	7.9	69
190	Meeting the Challenges of Neuroimaging Genetics. <i>Brain Imaging and Behavior</i> , 2008 , 2, 258-263	4.1	69

189	A functional MRI study of the relationship between naming treatment outcomes and resting state functional connectivity in post-stroke aphasia. <i>Human Brain Mapping</i> , 2014 , 35, 3919-31	5.9	67
188	Brain structure in healthy adults is related to serum transferrin and the H63D polymorphism in the HFE gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E851-9	11.5	66
187	Automated ventricular mapping with multi-atlas fluid image alignment reveals genetic effects in Alzheimer's disease. <i>NeuroImage</i> , 2008 , 40, 615-630	7.9	64
186	Orthographic/phonological facilitation of naming responses in the picture-word task: an event-related fMRI study using overt vocal responding. <i>NeuroImage</i> , 2002 , 16, 1084-93	7.9	62
185	Subcortical brain structure and suicidal behaviour in major depressive disorder: a meta-analysis from the ENIGMA-MDD working group. <i>Translational Psychiatry</i> , 2017 , 7, e1116	8.6	58
184	How does angular resolution affect diffusion imaging measures?. <i>NeuroImage</i> , 2010 , 49, 1357-71	7.9	56
183	Cerebral regions associated with verbal response initiation, suppression and strategy use. <i>Neuropsychologia</i> , 2000 , 38, 1292-304	3.2	56
182	Hierarchical topological network analysis of anatomical human brain connectivity and differences related to sex and kinship. <i>NeuroImage</i> , 2012 , 59, 3784-804	7.9	52
181	Auditory context effects in picture naming investigated with event-related fMRI. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2009 , 9, 260-9	3.5	51
180	MR image-based measurement of rates of change in volumes of brain structures. Part II: application to a study of Alzheimer's disease and normal aging. <i>Magnetic Resonance Imaging</i> , 2002 , 20, 41-8	3.3	51
179	Top-down influences on lexical selection during spoken word production: A 4T fMRI investigation of refractory effects in picture naming. <i>Human Brain Mapping</i> , 2006 , 27, 864-73	5.9	49
178	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021 , 26, 5124-5139	15.1	48
177	Putting an "end" to the motor cortex representations of action words. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 1957-74	3.1	48
176	Neural correlates of semantic priming for ambiguous words: an event-related fMRI study. <i>Brain Research</i> , 2007 , 1131, 163-72	3.7	48
175	Heritability of head motion during resting state functional MRI in 462 healthy twins. <i>NeuroImage</i> , 2014 , 102 Pt 2, 424-34	7.9	47
174	Heritability of the shape of subcortical brain structures in the general population. <i>Nature Communications</i> , 2016 , 7, 13738	17.4	47
173	Partitioning heritability analysis reveals a shared genetic basis of brain anatomy and schizophrenia. <i>Molecular Psychiatry</i> , 2016 , 21, 1680-1689	15.1	47
172	Discovery and replication of dopamine-related gene effects on caudate volume in young and elderly populations (N=1198) using genome-wide search. <i>Molecular Psychiatry</i> , 2011 , 16, 927-37, 881	15.1	45

171	Gene network effects on brain microstructure and intellectual performance identified in 472 twins. <i>Journal of Neuroscience</i> , 2012 , 32, 8732-45	6.6	45
170	Heritability of the network architecture of intrinsic brain functional connectivity. <i>NeuroImage</i> , 2015 , 121, 243-52	7.9	44
169	Genetic architecture of subcortical brain regions: common and region-specific genetic contributions. <i>Genes, Brain and Behavior</i> , 2014 , 13, 821-30	3.6	42
168	Head Motion and Inattention/Hyperactivity Share Common Genetic Influences: Implications for fMRI Studies of ADHD. <i>PLoS ONE</i> , 2016 , 11, e0146271	3.7	41
167	Genetic Complexity of Cortical Structure: Differences in Genetic and Environmental Factors Influencing Cortical Surface Area and Thickness. <i>Cerebral Cortex</i> , 2019 , 29, 952-962	5.1	41
166	Predicting white matter integrity from multiple common genetic variants. <i>Neuropsychopharmacology</i> , 2012 , 37, 2012-9	8.7	40
165	Prefrontal cortex involvement in selective letter generation: a functional magnetic resonance imaging study. <i>Cortex</i> , 1998 , 34, 389-401	3.8	40
164	Direct mapping of hippocampal surfaces with intrinsic shape context. <i>NeuroImage</i> , 2007 , 37, 792-807	7.9	40
163	Modeling of the hemodynamic responses in block design fMRI studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 316-24	7.3	38
162	Semantic context and visual feature effects in object naming: an fMRI study using arterial spin labeling. <i>Journal of Cognitive Neuroscience</i> , 2009 , 21, 1571-83	3.1	37
161	Genetic influences on individual differences in longitudinal changes in global and subcortical brain volumes: Results of the ENIGMA plasticity working group. <i>Human Brain Mapping</i> , 2017 , 38, 4444-4458	5.9	37
160	Changes in white matter connectivity following therapy for anomia post stroke. <i>Neurorehabilitation and Neural Repair</i> , 2014 , 28, 325-34	4.7	35
159	Development of insula connectivity between ages 12 and 30 revealed by high angular resolution diffusion imaging. <i>Human Brain Mapping</i> , 2014 , 35, 1790-800	5.9	35
158	Relationship of a variant in the NTRK1 gene to white matter microstructure in young adults. <i>Journal of Neuroscience</i> , 2012 , 32, 5964-72	6.6	34
157	Mirror neurons, the representation of word meaning, and the foot of the third left frontal convolution. <i>Brain and Language</i> , 2010 , 112, 77-84	2.9	34
156	Dopaminergic neuromodulation of semantic processing: a 4-T fMRI study with levodopa. <i>Cerebral Cortex</i> , 2009 , 19, 2651-8	5.1	33
155	Brain activity during the encoding, retention, and retrieval of stimulus representations. <i>Learning and Memory</i> , 2001 , 8, 243-51	2.8	33
154	Neural activity associated with semantic versus phonological anomia treatments in aphasia. <i>Brain and Language</i> , 2014 , 129, 47-57	2.9	32

153	Mapping genetic influences on ventricular structure in twins. <i>NeuroImage</i> , 2009 , 44, 1312-23	7.9	32
152	A perfusion fMRI investigation of thematic and categorical context effects in the spoken production of object names. <i>Cortex</i> , 2014 , 54, 135-49	3.8	31
151	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2020 ,	5.9	31
150	Investigating brain connectivity heritability in a twin study using diffusion imaging data. <i>NeuroImage</i> , 2014 , 100, 628-41	7.9	30
149	Autism-related dietary preferences mediate autism-gut microbiome associations. <i>Cell</i> , 2021 , 184, 5916-5931.e17	9.1	30
148	Relation between variants in the neurotrophin receptor gene, NTRK3, and white matter integrity in healthy young adults. <i>NeuroImage</i> , 2013 , 82, 146-53	7.9	28
147	Brain fiber architecture, genetics, and intelligence: a high angular resolution diffusion imaging (HARDI) study. <i>Lecture Notes in Computer Science</i> , 2008 , 11, 1060-7	0.9	28
146	Obesity gene NEGR1 associated with white matter integrity in healthy young adults. <i>NeuroImage</i> , 2014 , 102 Pt 2, 548-57	7.9	27
145	A commonly carried genetic variant in the delta opioid receptor gene, OPRD1, is associated with smaller regional brain volumes: replication in elderly and young populations. <i>Human Brain Mapping</i> , 2014 , 35, 1226-36	5.9	27
144	Automatic clustering and population analysis of white matter tracts using maximum density paths. <i>NeuroImage</i> , 2014 , 97, 284-95	7.9	26
143	Genome-wide association identifies genetic variants associated with lentiform nucleus volume in N = 1345 young and elderly subjects. <i>Brain Imaging and Behavior</i> , 2013 , 7, 102-15	4.1	26
142	Test-retest reliability of graph theory measures of structural brain connectivity. <i>Lecture Notes in Computer Science</i> , 2012 , 15, 305-12	0.9	26
141	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	26
140	fMRI evidence of word frequency and strength effects during episodic memory encoding. <i>Cognitive Brain Research</i> , 2005 , 22, 439-50		24
139	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. <i>JAMA Psychiatry</i> , 2020 , 77, 420-430	14.5	24
138	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020 , 25, 584-602	15.1	24
137	Extending genetic linkage analysis to diffusion tensor images to map single gene effects on brain fiber architecture. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 506-13	0.9	23
136	DEVELOPMENT OF THE "RICH CLUB" IN BRAIN CONNECTIVITY NETWORKS FROM 438 ADOLESCENTS & ADULTS AGED 12 TO 30 2013 , 624-627	1.5	22

135	Epigenome-wide meta-analysis of blood DNA methylation and its association with subcortical volumes: findings from the ENIGMA Epigenetics Working Group. <i>Molecular Psychiatry</i> , 2021 , 26, 3884-3895	15.1	22
134	LABELING WHITE MATTER TRACTS IN HARDI BY FUSING MULTIPLE TRACT ATLASES WITH APPLICATIONS TO GENETICS 2013 , 2013, 512-515	1.5	21
133	Genome-wide interaction analysis reveals replicated epistatic effects on brain structure. <i>Neurobiology of Aging</i> , 2015 , 36 Suppl 1, S151-8	5.6	19
132	No specific role for the manual motor system in processing the meanings of words related to the hand. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 11	3.3	19
131	Automatic Population HARDI White Matter Tract Clustering by Label Fusion of Multiple Tract Atlases. <i>Lecture Notes in Computer Science</i> , 2012 , 7509, 147-156	0.9	19
130	Brain mechanisms of semantic interference in spoken word production: An anodal transcranial Direct Current Stimulation (atDCS) study. <i>Brain and Language</i> , 2016 , 157-158, 72-80	2.9	19
129	Relationship of a common OXTR gene variant to brain structure and default mode network function in healthy humans. <i>NeuroImage</i> , 2017 , 147, 500-506	7.9	18
128	Serum cholesterol and variant in cholesterol-related gene CETP predict white matter microstructure. <i>Neurobiology of Aging</i> , 2014 , 35, 2504-2513	5.6	18
127	The reliability and heritability of cortical folds and their genetic correlations across hemispheres. <i>Communications Biology</i> , 2020 , 3, 510	6.7	18
126	Perfusion fMRI evidence for priming of shared feature-to-lexical connections during cumulative semantic interference in spoken word production. <i>Language, Cognition and Neuroscience</i> , 2015 , 30, 261-272	2.4	17
125	Assessment of dynamic susceptibility contrast cerebral blood flow response to amphetamine challenge: a human pharmacological magnetic resonance imaging study at 1.5 and 4 T. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 9-15	4.4	17
124	fMRI evidence of word frequency and strength effects in recognition memory. <i>Cognitive Brain Research</i> , 2005 , 24, 587-98		17
123	Region-specific sex differences in the hippocampus. <i>NeuroImage</i> , 2020 , 215, 116781	7.9	17
122	Neural Mechanisms Underlying Perilesional Transcranial Direct Current Stimulation in Aphasia: A Feasibility Study. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 550	3.3	16
121	Active fibers: matching deformable tract templates to diffusion tensor images. <i>NeuroImage</i> , 2009 , 47 Suppl 2, T82-9	7.9	16
120	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020 , 11, 4796	17.4	16
119	Testing associations between cannabis use and subcortical volumes in two large population-based samples. <i>Addiction</i> , 2018 , 113, 1661	4.6	15
118	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 16	3.9	15

117	Sex differences in the human connectome: 4-Tesla high angular resolution diffusion imaging (HARDI) tractography in 234 young adult twins 2011 ,		15
116	A nonconservative Lagrangian framework for statistical fluid registration-SAFIRA. <i>IEEE Transactions on Medical Imaging</i> , 2011 , 30, 184-202	11.7	15
115	Semantic interference in object naming: an fMRI study of the postcue naming paradigm. <i>NeuroImage</i> , 2010 , 50, 796-801	7.9	15
114	Alzheimer's disease risk gene, GAB2, is associated with regional brain volume differences in 755 young healthy twins. <i>Twin Research and Human Genetics</i> , 2012 , 15, 286-95	2.2	15
113	Support for an auto-associative model of spoken cued recall: evidence from fMRI. <i>Neuropsychologia</i> , 2007 , 45, 824-35	3.2	15
112	Classic identity negative priming involves accessing semantic representations in the left anterior temporal cortex. <i>NeuroImage</i> , 2006 , 33, 383-90	7.9	15
111	Progressive dysgraphia in a case of posterior cortical atrophy. <i>Neurocase</i> , 2003 , 9, 251-60	0.8	15
110	A novel measure of fractional anisotropy based on the tensor distribution function. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 845-52	0.9	15
109	Heritability of White Matter Fiber Tract Shapes: A HARDI Study of 198 Twins. <i>Lecture Notes in Computer Science</i> , 2011 , 2011, 35-43	0.9	15
108	Lingual Gyrus Surface Area Is Associated with Anxiety-Depression Severity in Young Adults: A Genetic Clustering Approach. <i>ENeuro</i> , 2018 , 5,	3.9	15
107	LEFT VERSUS RIGHT HEMISPHERE DIFFERENCES IN BRAIN CONNECTIVITY: 4-TESLA HARDI TRACTOGRAPHY IN 569 TWINS 2012 , 2012, 526-529	1.5	14
106	The Modified Card Sorting Test: test-retest stability and relationships with demographic variables in a healthy older adult sample. <i>British Journal of Clinical Psychology</i> , 1998 , 37, 457-66	3.6	14
105	Genetic effects on the cerebellar role in working memory: same brain, different genes?. <i>NeuroImage</i> , 2014 , 86, 392-403	7.9	13
104	The roles of shared vs. distinctive conceptual features in lexical access. <i>Frontiers in Psychology</i> , 2014 , 5, 1014	3.4	13
103	Feature overlap slows lexical selection: evidence from the picture-word interference paradigm. <i>Quarterly Journal of Experimental Psychology</i> , 2014 , 67, 2325-39	1.8	13
102	Independent distractor frequency and age-of-acquisition effects in picture-word interference: fMRI evidence for post-lexical and lexical accounts according to distractor type. <i>Journal of Cognitive Neuroscience</i> , 2012 , 24, 482-95	3.1	13
101	BEST INDIVIDUAL TEMPLATE SELECTION FROM DEFORMATION TENSOR MINIMIZATION 2008 , 2008, 460-463	1.5	13
100	COMPARISON OF FRACTIONAL AND GEODESIC ANISOTROPY IN DIFFUSION TENSOR IMAGES OF 90 MONOZYGOTIC AND DIZYGOTIC TWINS 2008 , 2008, 943-946	1.5	13

99	Visualization tools for high angular resolution diffusion imaging. <i>Lecture Notes in Computer Science</i> , 2008 , 11, 298-305	0.9	13
98	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	13
97	Genes influence the amplitude and timing of brain hemodynamic responses. <i>NeuroImage</i> , 2016 , 124, 663-671	7.9	12
96	Heritability and genetic correlation between the cerebral cortex and associated white matter connections. <i>Human Brain Mapping</i> , 2016 , 37, 2331-47	5.9	12
95	Long-lasting semantic interference effects in object naming are not necessarily conceptually mediated. <i>Frontiers in Psychology</i> , 2015 , 6, 578	3.4	12
94	A reproducible method for automated extraction of brain volumes from 3D human head MR images. <i>Journal of Magnetic Resonance Imaging</i> , 1998 , 8, 480-6	5.6	12
93	DETECTING DYNAMIC AND GENETIC EFFECTS ON BRAIN STRUCTURE USING HIGH-DIMENSIONAL CORTICAL PATTERN MATCHING 2002 , 2002, 473-476	1.5	12
92	The genetic architecture of the human cerebral cortex		12
91	Genome-wide association study of working memory brain activation. <i>International Journal of Psychophysiology</i> , 2017 , 115, 98-111	2.9	11
90	DISCOVERY OF GENES THAT AFFECT HUMAN BRAIN CONNECTIVITY: A GENOME-WIDE ANALYSIS OF THE CONNECTOME 2012 , 542-545	1.5	11
89	Interference from related actions in spoken word production: Behavioural and fMRI evidence. <i>Neuropsychologia</i> , 2017 , 96, 78-88	3.2	10
88	Investigating the Spatial and Temporal Components of Speech Production 2019 , 471-497		10
87	No lexical competition without priming: Evidence from the picture-word interference paradigm. <i>Quarterly Journal of Experimental Psychology</i> , 2018 , 71, 2562-2570	1.8	10
86	DIFFUSION IMAGING PROTOCOL EFFECTS ON GENETIC ASSOCIATIONS 2012 , 944-947	1.5	10
85	Comparison of IQs and Verbal-Performance IQ Discrepancies Estimated from Two Seven-Subtest Short Forms of the WAIS-R. <i>Journal of Psychoeducational Assessment</i> , 1996 , 14, 121-130	1.3	10
84	Information-theoretic analysis of brain white matter fiber orientation distribution functions. <i>Lecture Notes in Computer Science</i> , 2007 , 20, 172-82	0.9	10
83	Memory strength effects in fMRI studies: a matter of confidence. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 2324-35	3.1	9
82	An evaluation of differential reinforcement of other behavior, differential reinforcement of incompatible behavior, and restitution for the management of aggressive behaviors 1998 , 13, 157-168		9

81	Cognitive neuroimaging: cognitive science out of the armchair. <i>Brain and Cognition</i> , 2006 , 60, 272-81	2.7	9
80	Tensor-based analysis of genetic influences on brain integrity using DTI in 100 twins. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 967-74	0.9	9
79	Probabilistic orthographic cues to grammatical category in the brain. <i>Brain and Language</i> , 2012 , 123, 202-10	2.9	8
78	MULTIVARIATE VARIANCE-COMPONENTS ANALYSIS IN DTI 2010 , 2010, 1157-1160	1.5	8
77	Genetics of Path Lengths in Brain Connectivity Networks: HARDI-Based Maps in 457 Adults. <i>Lecture Notes in Computer Science</i> , 2012 , 7509, 29-40	0.9	8
76	Exhaustive search of the SNP-SNP interactome identifies epistatic effects on brain volume in two cohorts. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 600-7	0.9	8
75	The locus of taboo context effects in picture naming. <i>Quarterly Journal of Experimental Psychology</i> , 2017 , 70, 75-91	1.8	7
74	Brain network efficiency and topology depend on the fiber tracking method: 11 tractography algorithms compared in 536 subjects 2013 ,		7
73	How a common variant in the growth factor receptor gene, NTRK1, affects white matter. <i>Bioarchitecture</i> , 2012 , 2, 181-4		7
72	Orthographic effects on picture naming in Chinese: A 4T erfMRI study. <i>Brain and Language</i> , 2005 , 95, 14-15	2.9	7
71	Genetic Determinants of Cortical Structure (Thickness, Surface Area and Volumes) among Disease Free Adults in the CHARGE Consortium		7
70	A meta-analysis of deep brain structural shape and asymmetry abnormalities in 2,833 individuals with schizophrenia compared with 3,929 healthy volunteers via the ENIGMA Consortium. <i>Human Brain Mapping</i> , 2021 ,	5.9	7
69	Associations between brain structure and perceived intensity of sweet and bitter tastes. <i>Behavioural Brain Research</i> , 2019 , 363, 103-108	3.4	6
68	A NEW REGISTRATION METHOD BASED ON LOG-EUCLIDEAN TENSOR METRICS AND ITS APPLICATION TO GENETIC STUDIES 2008 , 2008, 1115-1118	1.5	6
67	AUTOMATED 3D MAPPING & SHAPE ANALYSIS OF THE LATERAL VENTRICLES VIA FLUID REGISTRATION OF MULTIPLE SURFACE-BASED ATLASES 2007 ,		6
66	Subcortical Volume Trajectories across the Lifespan: Data from 18,605 healthy individuals aged 3-90 years		6
65	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021 , 11, 182	8.6	6
64	The neurobiology of taboo language processing: fMRI evidence during spoken word production. <i>Social Cognitive and Affective Neuroscience</i> , 2019 , 14, 271-279	4	6

63	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. <i>Human Brain Mapping</i> , 2021 ,	5.9	6
62	Accelerated estimation and permutation inference for ACE modeling. <i>Human Brain Mapping</i> , 2019 , 40, 3488-3507	5.9	5
61	tDCS effects on word production: Limited by design? Comment on Westwood et al. (2017). <i>Cortex</i> , 2017 , 96, 137-142	3.8	5
60	Analyzing multi-fiber reconstruction in high angular resolution diffusion imaging using the tensor distribution function 2009 ,		5
59	White matter integrity measured by fractional anisotropy correlates poorly with actual individual fiber anisotropy 2009 ,		5
58	CHANGES IN ANATOMICAL BRAIN CONNECTIVITY BETWEEN AGES 12 AND 30: A HARDI STUDY OF 467 ADOLESCENTS AND ADULTS 2012 , 904-908	1.5	5
57	THE MULTIVARIATE A/C/E MODEL AND THE GENETICS OF FIBER ARCHITECTURE 2009 , 2009, 125-128	1.5	5
56	Negative priming in naming of categorically related objects: an fMRI study. <i>Cortex</i> , 2008 , 44, 881-9	3.8	5
55	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
54	Genetic clustering on the hippocampal surface for genome-wide association studies. <i>Lecture Notes in Computer Science</i> , 2013 , 16, 690-7	0.9	5
53	2016 ,		5
52	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021 , 90, 243-252	7.9	5
51	Multi-Site Meta-Analysis of Morphometry. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019 , 16, 1508-1514	3	4
50	HERITABILITY OF BRAIN NETWORK TOPOLOGY IN 853 TWINS AND SIBLINGS 2015 , 2015, 449-453	1.5	4
49	Early and Late Electrophysiological Effects of Distractor Frequency in Picture Naming: Reconciling Input and Output Accounts. <i>Journal of Cognitive Neuroscience</i> , 2015 , 27, 1936-47	3.1	4
48	Genome-wide association reveals dopamine-related genetic effects on caudate volume. <i>Molecular Psychiatry</i> , 2011 , 16, 881-881	15.1	4
47	Scalar connectivity measures from fast-marching tractography reveal heritability of white matter architecture 2010 ,		4
46	A LAGRANGIAN FORMULATION FOR STATISTICAL FLUID REGISTRATION 2009 , 2009, 975-978	1.5	4

45	Pre-experimental familiarization increases hippocampal activity for both targets and lures in recognition memory: an fMRI study. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 4164-73	3.1	4
44	Bivariate Genome-Wide Association Study of Genetically Correlated Neuroimaging Phenotypes from DTI and MRI through a Seemingly Unrelated Regression Model. <i>Lecture Notes in Computer Science</i> , 2013 , 189-201	0.9	4
43	Cortical Thickness Trajectories across the Lifespan: Data from 17,075 healthy individuals aged 3-90 years		4
42	The reliability and heritability of cortical folds and their genetic correlations across hemispheres		4
41	Queensland Family Cohort: a study protocol. <i>BMJ Open</i> , 2021 , 11, e044463	3	4
40	Interference from object part relations in spoken word production: Behavioural and fMRI evidence. <i>Journal of Neurolinguistics</i> , 2015 , 36, 56-71	1.9	3
39	Neural Mechanisms for Monitoring and Halting of Spoken Word Production. <i>Journal of Cognitive Neuroscience</i> , 2019 , 31, 1946-1957	3.1	3
38	Strong inference in functional neuroimaging. <i>Australian Journal of Psychology</i> , 2012 , 64, 19-28	2.3	3
37	Cortical organization of environmental sounds by attribute. <i>Human Brain Mapping</i> , 2011 , 32, 688-98	5.9	3
36	Quantitative and Qualitative Impairments in Semantic Fluency, but not Phonetic Fluency, as a Potential Risk Factor for Alzheimer's Disease. <i>Brain Impairment</i> , 2004 , 5, 177-186	1	3
35	Are Sex Differences in Human Brain Structure Associated With Sex Differences in Behavior?. <i>Psychological Science</i> , 2021 , 32, 1183-1197	7.9	3
34	A Fast Method for Estimating Statistical Power of Multivariate GWAS in Real Case Scenarios: Examples from the Field of Imaging Genetics. <i>Behavior Genetics</i> , 2019 , 49, 112-121	3.2	3
33	The shape of things to come in speech production: Visual form interference during lexical access. <i>Quarterly Journal of Experimental Psychology</i> , 2018 , 71, 1921-1938	1.8	3
32	The Shape of Things to Come in Speech Production: A Functional Magnetic Resonance Imaging Study of Visual Form Interference during Lexical Access. <i>Journal of Cognitive Neuroscience</i> , 2019 , 31, 913-921	3.1	2
31	GENETIC ANALYSIS OF STRUCTURAL BRAIN CONNECTIVITY USING DICCCOL MODELS OF DIFFUSION MRI IN 522 TWINS 2015 , 2015, 1167-1171	1.5	2
30	A new combined surface and volume registration 2010 ,		2
29	Power Estimates for Voxel-Based Genetic Association Studies Using Diffusion Imaging. <i>Mathematics and Visualization</i> , 2014 , 229-238	0.6	2
28	Reliability of Structural Connectivity Examined with Four Different Diffusion Reconstruction Methods at Two Different Spatial and Angular Resolutions. <i>Mathematics and Visualization</i> , 2016 , 219-231 ^{0.6}		2

27	MAPPING AGE EFFECTS ALONG FIBER TRACTS IN YOUNG ADULTS 2017 , 2017, 101-104	1.5	1
26	Identifying candidate gene effects by restricting search space in a multivariate genetic analysis of white matter microstructure 2014 ,		1
25	Mind what you say-general and specific mechanisms for monitoring in speech production. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 514	3.3	1
24	Genetic influences on sulcal patterns of the brain 2012 ,		1
23	A GENETIC ANALYSIS OF CORTICAL THICKNESS IN 372 TWINS 2010 , 2010, 101-104	1.5	1
22	Hierarchical clustering of the genetic connectivity matrix reveals the network topology of gene action on brain microstructure: An N=531 twin study 2011 ,		1
21	2008 ,		1
20	Probabilistic multi-tensor estimation using the Tensor Distribution Function 2008 ,		1
19	A role for the hippocampus in card sorting? A cautionary note. A comment to Corcoran and Upton. <i>Cortex</i> , 1996 , 32, 187-90	3.8	1
18	Planar cell polarity pathway and development of the human visual cortex		1
17	Genetics of anisotropy asymmetry: registration and sample size effects. <i>Lecture Notes in Computer Science</i> , 2009 , 12, 498-505	0.9	1
16	Top-down resolution of lexico-semantic competition in speech production and the role of the left inferior frontal gyrus: an fMRI study. <i>Language, Cognition and Neuroscience</i> , 2021 , 36, 1-12	2.4	1
15	Multisite Metaanalysis of Image-Wide Genome-Wide Associations With Morphometry 2018 , 1-23		1
14	Genetic Connectivity-Correlated Genetic Control of Cortical Thickness, Brain Volume, and White Matter 2018 , 25-43		1
13	Mediated phonological-semantic priming in spoken word production: Evidence for cascaded processing from picture-word interference. <i>Quarterly Journal of Experimental Psychology</i> , 2021 , 74, 1284-1294 ¹⁸ ○		
12	Response to Dr Fried & Dr Kievit, and Dr Malhi et al. <i>Molecular Psychiatry</i> , 2016 , 21, 726-8	15.1	○
11	A Sound Explanation for Motor Cortex Engagement during Action Word Comprehension. <i>Journal of Cognitive Neuroscience</i> , 2021 , 33, 129-145	3.1	○
10	Absolute and relative estimates of genetic and environmental variance in brain structure volumes. <i>Brain Structure and Function</i> , 2019 , 224, 2805-2821	4	

- 9 A COMPARISON OF NETWORK DEFINITIONS FOR DETECTING SEX DIFFERENCES IN BRAIN CONNECTIVITY USING SUPPORT VECTOR MACHINES **2017**, 2017, 961-965 1.5
- 8 APPROXIMATING PRINCIPAL GENETIC COMPONENTS OF SUBCORTICAL SHAPE **2017**, 2017, 1226-1230 1.5
- 7 An fMRI Investigation of Semantic and Phonological Naming Treatment in Aphasia. *Procedia, Social and Behavioral Sciences*, **2011**, 23, 135-137
- 6 STATISTICALLY ASSISTED FLUID IMAGE REGISTRATION ALGORITHM - SAFIRA **2010**, 2010, 364-367 1.5
- 5 REDUCING STRUCTURAL VARIATION TO DETERMINE THE GENETICS OF WHITE MATTER INTEGRITY ACROSS HEMISPHERES - A DTI STUDY OF 100 TWINS **2009**, 2009, 819-822 1.5
- 4 Tracking the Arcuate Fasciculus in Patients with Aphasia. *Procedia, Social and Behavioral Sciences*, **2010**, 6, 86-87
- 3 Dynamic Mapping of Alzheimer's Disease. *Research and Perspectives in Alzheimer's Disease*, **2004**, 87-112
- 2 Let's Not Miss the Forest for the Trees: A Reply to Montefinese and Vinson's (2015) Commentary on Vieth et al. (2014). *Frontiers in Psychology*, **2015**, 6, 1984 3-4
- 1 Genetic Correlation Between Cortical Gray Matter Thickness and White Matter Connections **2018**, 85-100