

Greig I De Zubicaray

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.

242
papers

13,186
citations

58
h-index

110
g-index

267
ext. papers

15,711
ext. citations

6
avg, IF

5.67
L-index

#	Paper	IF	Citations
242	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
241	Autism-related dietary preferences mediate autism-gut microbiome associations. <i>Cell</i> , 2021 , 184, 5916-5931.e17	59.1	170
240	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
239	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	18.0	0
238	Queensland Family Cohort: a study protocol. <i>BMJ Open</i> , 2021 , 11, e044463	3	4
237	Are Sex Differences in Human Brain Structure Associated With Sex Differences in Behavior?. <i>Psychological Science</i> , 2021 , 32, 1183-1197	7.9	3
236	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
235	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
234	A Sound Explanation for Motor Cortex Engagement during Action Word Comprehension. <i>Journal of Cognitive Neuroscience</i> , 2021 , 33, 129-145	3.1	0
233	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	26
232	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2021 ,	5.9	13
231	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
230	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021 , 90, 243-252	7.9	5
229	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
228	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020 , 367,	33.3	156
227	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
226	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

225	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2020 ,	5.9	31
224	The reliability and heritability of cortical folds and their genetic correlations across hemispheres. <i>Communications Biology</i> , 2020 , 3, 510	6.7	18
223	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
222	Region-specific sex differences in the hippocampus. <i>NeuroImage</i> , 2020 , 215, 116781	7.9	17
221	Associations between brain structure and perceived intensity of sweet and bitter tastes. <i>Behavioural Brain Research</i> , 2019 , 363, 103-108	3.4	6
220	Multi-Site Meta-Analysis of Morphometry. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019 , 16, 1508-1514	3	4
219	Accelerated estimation and permutation inference for ACE modeling. <i>Human Brain Mapping</i> , 2019 , 40, 3488-3507	5.9	5
218	Investigating the Spatial and Temporal Components of Speech Production 2019 , 471-497		10
217	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
216	Neural Mechanisms for Monitoring and Halting of Spoken Word Production. <i>Journal of Cognitive Neuroscience</i> , 2019 , 31, 1946-1957	3.1	3
215	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
214	Absolute and relative estimates of genetic and environmental variance in brain structure volumes. <i>Brain Structure and Function</i> , 2019 , 224, 2805-2821	4	
213	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
212	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019 , 51, 1624-1636	16.36	81
211	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
210	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
209	Testing associations between cannabis use and subcortical volumes in two large population-based samples. <i>Addiction</i> , 2018 , 113, 1661	4.6	15
208	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

207	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
206	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
205	Multisite Metaanalysis of Image-Wide Genome-Wide Associations With Morphometry 2018 , 1-23		1
204	Genetic Connectivity-Correlated Genetic Control of Cortical Thickness, Brain Volume, and White Matter 2018 , 25-43		1
203	Genetic Correlation Between Cortical Gray Matter Thickness and White Matter Connections 2018 , 85-100		
202	The locus of taboo context effects in picture naming. <i>Quarterly Journal of Experimental Psychology</i> , 2017 , 70, 75-91	1.8	7
201	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
200	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017 , 8, 13624	17.4	173
199	Interference from related actions in spoken word production: Behavioural and fMRI evidence. <i>Neuropsychologia</i> , 2017 , 96, 78-88	3.2	10
198	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
197	MAPPING AGE EFFECTS ALONG FIBER TRACTS IN YOUNG ADULTS 2017 , 2017, 101-104	1.5	1
196	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
195	A COMPARISON OF NETWORK DEFINITIONS FOR DETECTING SEX DIFFERENCES IN BRAIN CONNECTIVITY USING SUPPORT VECTOR MACHINES 2017 , 2017, 961-965	1.5	
194	APPROXIMATING PRINCIPAL GENETIC COMPONENTS OF SUBCORTICAL SHAPE 2017 , 2017, 1226-1230	1.5	
193	tDCS effects on word production: Limited by design? Comment on Westwood et al. (2017). <i>Cortex</i> , 2017 , 96, 137-142	3.8	5
192	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
191	Genome-wide association study of working memory brain activation. <i>International Journal of Psychophysiology</i> , 2017 , 115, 98-111	2.9	11
190	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

189	Genes influence the amplitude and timing of brain hemodynamic responses. <i>NeuroImage</i> , 2016 , 124, 663-671	7.9	12
188	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
187	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
186	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. <i>Cerebral Cortex</i> , 2016 , 26, 2341-2352	5.1	70
185	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
184	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016 , 19, 420-431	25.5	163
183	Heritability and reliability of automatically segmented human hippocampal formation subregions. <i>NeuroImage</i> , 2016 , 128, 125-137	7.9	88
182	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
181	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
180	2016 ,		5
179	Heritability of the shape of subcortical brain structures in the general population. <i>Nature Communications</i> , 2016 , 7, 13738	17.4	47
178	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
177	Response to Dr Fried & Dr Kievit, and Dr Malhi et al. <i>Molecular Psychiatry</i> , 2016 , 21, 726-8	15.1	0
176	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016 , 19, 1569-1582	25.5	147
175	Partitioning heritability analysis reveals a shared genetic basis of brain anatomy and schizophrenia. <i>Molecular Psychiatry</i> , 2016 , 21, 1680-1689	15.1	47
174	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015 , 520, 224-9	50.4	601
173	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
172	Heritability of the network architecture of intrinsic brain functional connectivity. <i>NeuroImage</i> , 2015 , 121, 243-52	7.9	44

171	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
170	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
169	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
168	HERITABILITY OF BRAIN NETWORK TOPOLOGY IN 853 TWINS AND SIBLINGS 2015 , 2015, 449-453	1.5	4
167	GENETIC ANALYSIS OF STRUCTURAL BRAIN CONNECTIVITY USING DICCCOL MODELS OF DIFFUSION MRI IN 522 TWINS 2015 , 2015, 1167-1171	1.5	2
166	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
165	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
164	Long-lasting semantic interference effects in object naming are not necessarily conceptually mediated. <i>Frontiers in Psychology</i> , 2015 , 6, 578	3.4	12
163	Let's Not Miss the Forest for the Trees: A Reply to Montefinese and Vinson's (2015) Commentary on Vieth et al. (2014). <i>Frontiers in Psychology</i> , 2015 , 6, 1984	3.4	
162	Automatic clustering and population analysis of white matter tracts using maximum density paths. <i>NeuroImage</i> , 2014 , 97, 284-95	7.9	26
161	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
160	Identifying candidate gene effects by restricting search space in a multivariate genetic analysis of white matter microstructure 2014 ,		1
159	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
158	Obesity gene NEGR1 associated with white matter integrity in healthy young adults. <i>NeuroImage</i> , 2014 , 102 Pt 2, 548-57	7.9	27
157	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
156	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
155	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
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	Genetic effects on the cerebellar role in working memory: same brain, different genes?. <i>NeuroImage</i> , 2014 , 86, 392-403	7.9	13
152	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and megaanalytical approaches for data pooling. <i>NeuroImage</i> , 2014 , 95, 136-50	7.9	95
151	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
150	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
149	The roles of shared vs. distinctive conceptual features in lexical access. <i>Frontiers in Psychology</i> , 2014 , 5, 1014	3.4	13
148	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
147	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
146	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
145	Investigating brain connectivity heritability in a twin study using diffusion imaging data. <i>NeuroImage</i> , 2014 , 100, 628-41	7.9	30
144	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
143	Changes in white matter connectivity following therapy for anomia post stroke. <i>Neurorehabilitation and Neural Repair</i> , 2014 , 28, 325-34	4.7	35
142	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
141	Power Estimates for Voxel-Based Genetic Association Studies Using Diffusion Imaging. <i>Mathematics and Visualization</i> , 2014 , 229-238	0.6	2
140	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
139	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
138	Brain network efficiency and topology depend on the fiber tracking method: 11 tractography algorithms compared in 536 subjects 2013 ,		7
137	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
136	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

135	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
134	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
133	Putting an "end" to the motor cortex representations of action words. <i>Journal of Cognitive Neuroscience</i> , 2013 , 25, 1957-74	3.1	48
132	DEVELOPMENT OF THE "RICH CLUB" IN BRAIN CONNECTIVITY NETWORKS FROM 438 ADOLESCENTS & ADULTS AGED 12 TO 30 2013 , 624-627	1.5	22
131	LABELING WHITE MATTER TRACTS IN HARDI BY FUSING MULTIPLE TRACT ATLASES WITH APPLICATIONS TO GENETICS 2013 , 2013, 512-515	1.5	21
130	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
129	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
128	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
127	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
126	Strong inference in functional neuroimaging. <i>Australian Journal of Psychology</i> , 2012 , 64, 19-28	2.3	3
125	DISCOVERY OF GENES THAT AFFECT HUMAN BRAIN CONNECTIVITY: A GENOME-WIDE ANALYSIS OF THE CONNECTOME 2012 , 542-545	1.5	11
124	Genetic influences on sulcal patterns of the brain 2012 ,		1
123	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012 , 44, 552-61	36.3	498
122	LEFT VERSUS RIGHT HEMISPHERE DIFFERENCES IN BRAIN CONNECTIVITY: 4-TESLA HARDI TRACTOGRAPHY IN 569 TWINS 2012 , 2012, 526-529	1.5	14
121	Probabilistic orthographic cues to grammatical category in the brain. <i>Brain and Language</i> , 2012 , 123, 202-10	2.9	8
120	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
119	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
118	Discovery and Replication of Gene Influences on Brain Structure Using LASSO Regression. <i>Frontiers in Neuroscience</i> , 2012 , 6, 115	5.1	77

117	Predicting white matter integrity from multiple common genetic variants. <i>Neuropsychopharmacology</i> , 2012 , 37, 2012-9	8.7	40
116	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
115	How a common variant in the growth factor receptor gene, NTRK1, affects white matter. <i>Bioarchitecture</i> , 2012 , 2, 181-4		7
114	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
113	CHANGES IN ANATOMICAL BRAIN CONNECTIVITY BETWEEN AGES 12 AND 30: A HARDI STUDY OF 467 ADOLESCENTS AND ADULTS 2012 , 904-908	1.5	5
112	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
111	A genome-wide association study identifies five loci influencing facial morphology in Europeans. <i>PLoS Genetics</i> , 2012 , 8, e1002932	6	194
110	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
109	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
108	DIFFUSION IMAGING PROTOCOL EFFECTS ON GENETIC ASSOCIATIONS 2012 , 944-947	1.5	10
107	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
106	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
105	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
104	Genome-wide association reveals dopamine-related genetic effects on caudate volume. <i>Molecular Psychiatry</i> , 2011 , 16, 881-881	15.1	4
103	BDNF gene effects on brain circuitry replicated in 455 twins. <i>NeuroImage</i> , 2011 , 55, 448-54	7.9	94
102	The structure and connectivity of semantic memory in the healthy older adult brain. <i>NeuroImage</i> , 2011 , 54, 1488-94	7.9	69
101	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
100	Sex differences in the human connectome: 4-Tesla high angular resolution diffusion imaging (HARDI) tractography in 234 young adult twins 2011 ,		15

99	The contribution of genes to cortical thickness and volume. <i>NeuroReport</i> , 2011 , 22, 101-5	1.7	70
98	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
97	An fMRI Investigation of Semantic and Phonological Naming Treatment in Aphasia. <i>Procedia, Social and Behavioral Sciences</i> , 2011 , 23, 135-137		
96	A nonconservative Lagrangian framework for statistical fluid registration-SAFIRA. <i>IEEE Transactions on Medical Imaging</i> , 2011 , 30, 184-202	11.7	15
95	Cortical organization of environmental sounds by attribute. <i>Human Brain Mapping</i> , 2011 , 32, 688-98	5.9	3
94	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
93	Memory strength effects in fMRI studies: a matter of confidence. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 2324-35	3.1	9
92	Altered structural brain connectivity in healthy carriers of the autism risk gene, CNTNAP2. <i>Brain Connectivity</i> , 2011 , 1, 447-59	2.7	81
91	Hierarchical clustering of the genetic connectivity matrix reveals the network topology of gene action on brain microstructure: An N=531 twin study 2011 ,		1
90	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
89	Heritability of working memory brain activation. <i>Journal of Neuroscience</i> , 2011 , 31, 10882-90	6.6	141
88	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
87	Scalar connectivity measures from fast-marching tractography reveal heritability of white matter architecture 2010 ,		4
86	MULTIVARIATE VARIANCE-COMPONENTS ANALYSIS IN DTI 2010 , 2010, 1157-1160	1.5	8
85	A new combined surface and volume registration 2010 ,		2
84	Genetic influences on brain asymmetry: a DTI study of 374 twins and siblings. <i>NeuroImage</i> , 2010 , 52, 455-69		112
83	How does angular resolution affect diffusion imaging measures?. <i>NeuroImage</i> , 2010 , 49, 1357-71	7.9	56
82	Semantic interference in object naming: an fMRI study of the postcue naming paradigm. <i>NeuroImage</i> , 2010 , 50, 796-801	7.9	15

81	STATISTICALLY ASSISTED FLUID IMAGE REGISTRATION ALGORITHM - SAFIRA 2010 , 2010, 364-367	1.5	
80	A GENETIC ANALYSIS OF CORTICAL THICKNESS IN 372 TWINS 2010 , 2010, 101-104	1.5	1
79	Tracking the Arcuate Fasciculus in Patients with Aphasia. <i>Procedia, Social and Behavioral Sciences</i> , 2010 , 6, 86-87		
78	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
77	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	
76	A LAGRANGIAN FORMULATION FOR STATISTICAL FLUID REGISTRATION 2009 , 2009, 975-978	1.5	4
75	Analyzing multi-fiber reconstruction in high angular resolution diffusion imaging using the tensor distribution function 2009 ,		5
74	White matter integrity measured by fractional anisotropy correlates poorly with actual individual fiber anisotropy 2009 ,		5
73	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
72	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
71	Genetics of brain fiber architecture and intellectual performance. <i>Journal of Neuroscience</i> , 2009 , 29, 2217-24	6.8	357
70	Dopaminergic neuromodulation of semantic processing: a 4-T fMRI study with levodopa. <i>Cerebral Cortex</i> , 2009 , 19, 2651-8	5.1	33
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