

Greig I De Zubicaray

List of Publications by Year in descending order

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Version: 2024-02-01

246
papers

17,620
citations

18436

62
h-index

17546

121
g-index

267
all docs

267
docs citations

267
times ranked

18380
citing authors

#	ARTICLE	IF	CITATIONS
1	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	1.9	76
2	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€“years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	1.9	143
3	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€“years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	1.9	72
4	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> , 2022, 43, 300-328.	1.9	30
5	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> , 2022, 43, 352-372.	1.9	39
6	SCN1A overexpression, associated with a genomic region marked by a risk variant for a common epilepsy, raises seizure susceptibility. <i>Acta Neuropathologica</i> , 2022, 144, 107-127.	3.9	3
7	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.	4.1	34
8	Brain aging in major depressive disorder: results from the ENIGMA major depressive disorder working group. <i>Molecular Psychiatry</i> , 2021, 26, 5124-5139.	4.1	136
9	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.	0.7	7
10	A Sound Explanation for Motor Cortex Engagement during Action Word Comprehension. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 129-145.	1.1	5
11	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. <i>Translational Psychiatry</i> , 2021, 11, 182.	2.4	24
12	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.	0.6	2
13	Queensland Family Cohort: a study protocol. <i>BMJ Open</i> , 2021, 11, e044463.	0.8	14
14	Are Sex Differences in Human Brain Structure Associated With Sex Differences in Behavior?. <i>Psychological Science</i> , 2021, 32, 1183-1197.	1.8	10
15	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 243-252.	0.7	29
16	Autism-related dietary preferences mediate autism-gut microbiome associations. <i>Cell</i> , 2021, 184, 5916-5931.e17.	13.5	172
17	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. <i>Molecular Psychiatry</i> , 2020, 25, 584-602.	4.1	49
18	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.	6.0	54

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19	Genetic correlations and genome-wide associations of cortical structure in general population samples of 22,824 adults. <i>Nature Communications</i> , 2020, 11, 4796.	5.8	61
20	The reliability and heritability of cortical folds and their genetic correlations across hemispheres. <i>Communications Biology</i> , 2020, 3, 510.	2.0	42
21	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
22	Region-specific sex differences in the hippocampus. <i>NeuroImage</i> , 2020, 215, 116781.	2.1	45
23	Neural Mechanisms for Monitoring and Halting of Spoken Word Production. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1946-1957.	1.1	4
24	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 16.	1.3	23
25	Absolute and relative estimates of genetic and environmental variance in brain structure volumes. <i>Brain Structure and Function</i> , 2019, 224, 2805-2821.	1.2	1
26	Associations between brain structure and perceived intensity of sweet and bitter tastes. <i>Behavioural Brain Research</i> , 2019, 363, 103-108.	1.2	8
27	Multi-Site Meta-Analysis of Morphometry. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 1508-1514.	1.9	7
28	Accelerated estimation and permutation inference for ACE modeling. <i>Human Brain Mapping</i> , 2019, 40, 3488-3507.	1.9	19
29	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.	1.1	2
30	The neurobiology of taboo language processing: fMRI evidence during spoken word production. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 271-279.	1.5	9
31	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
32	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.	1.4	4
33	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.	1.6	73
34	Testing associations between cannabis use and subcortical volumes in two large population-based samples. <i>Addiction</i> , 2018, 113, 1661-1672.	1.7	21
35	No lexical competition without priming: Evidence from the picture-word interference paradigm. <i>Quarterly Journal of Experimental Psychology</i> , 2018, 71, 2562-2570.	0.6	16
36	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.	0.6	3

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37	Lingual Gyrus Surface Area Is Associated with Anxiety-Depression Severity in Young Adults: A Genetic Clustering Approach. <i>ENeuro</i> , 2018, 5, ENEURO.0153-17.2017.	0.9	28
38	Multisite Metaanalysis of Image-Wide Genome-Wide Associations With Morphometry. , 2018, , 1-23.		1
39	Genetic Connectivityâ€“Correlated Genetic Control of Cortical Thickness, Brain Volume, and White Matter. , 2018, , 25-43.		1
40	Genetic Correlation Between Cortical Gray Matter Thickness and White Matter Connections. , 2018, , 85-100.		0
41	The locus of taboo context effects in picture naming. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 75-91.	0.6	7
42	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.	4.1	852
43	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
44	Interference from related actions in spoken word production: Behavioural and fMRI evidence. <i>Neuropsychologia</i> , 2017, 96, 78-88.	0.7	14
45	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-e1116.	2.4	98
46	Mapping age effects along fiber tracts in young adults. , 2017, 2017, 101-104.		1
47	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.	2.1	21
48	Genes, Brain, and Language: A brief introduction to the Special Issue. <i>Brain and Language</i> , 2017, 172, 1-2.	0.8	1
49	A comparison of network definitions for detecting sex differences in brain connectivity using Support Vector Machines. , 2017, 2017, 961-965.		0
50	Approximating principal genetic components of subcortical shape. , 2017, 2017, 1226-1230.		0
51	tDCS effects on word production: Limited by design? Comment on Westwood etÂal. (2017). <i>Cortex</i> , 2017, 96, 137-142.	1.1	9
52	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.	1.1	144
53	Genome-wide association study of working memory brain activation. <i>International Journal of Psychophysiology</i> , 2017, 115, 98-111.	0.5	17
54	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.	1.9	51

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55	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> , 2016, 6, 1984.	1.1	0
56	Genetic analysis of cortical sulci in 1,009 adults. , 2016, , .		5
57	Heritability of the shape of subcortical brain structures in the general population. <i>Nature Communications</i> , 2016, 7, 13738.	5.8	78
58	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.	0.8	27
59	Response to Dr Fried & Dr Kievit, and Dr Malhi et al.. <i>Molecular Psychiatry</i> , 2016, 21, 726-728.	4.1	5
60	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
61	Partitioning heritability analysis reveals a shared genetic basis of brain anatomy and schizophrenia. <i>Molecular Psychiatry</i> , 2016, 21, 1680-1689.	4.1	69
62	The heritability of the functional connectome is robust to common nonlinear registration methods. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
63	Heritability and genetic correlation between the cerebral cortex and associated white matter connections. <i>Human Brain Mapping</i> , 2016, 37, 2331-2347.	1.9	14
64	Comparison of template registration methods for multi-site meta-analysis of brain morphometry. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
65	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. <i>Cerebral Cortex</i> , 2016, 26, 2341-2352.	1.6	100
66	The effect of increased genetic risk for Alzheimer's disease on hippocampal and amygdala volume. <i>Neurobiology of Aging</i> , 2016, 40, 68-77.	1.5	115
67	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	7.1	204
68	Heritability and reliability of automatically segmented human hippocampal formation subregions. <i>NeuroImage</i> , 2016, 128, 125-137.	2.1	107
69	Genes influence the amplitude and timing of brain hemodynamic responses. <i>NeuroImage</i> , 2016, 124, 663-671.	2.1	21
70	Subcortical brain alterations in major depressive disorder: findings from the ENIGMA Major Depressive Disorder working group. <i>Molecular Psychiatry</i> , 2016, 21, 806-812.	4.1	850
71	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.	0.4	2
72	Head Motion and Inattention/Hyperactivity Share Common Genetic Influences: Implications for fMRI Studies of ADHD. <i>PLoS ONE</i> , 2016, 11, e0146271.	1.1	57

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73	Neural Mechanisms Underlying Perilesional Transcranial Direct Current Stimulation in Aphasia: A Feasibility Study. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 550.	1.0	20
74	Long-lasting semantic interference effects in object naming are not necessarily conceptually mediated. <i>Frontiers in Psychology</i> , 2015, 6, 578.	1.1	13
75	Heritability analysis of surface-based cortical thickness estimation on a large twin cohort. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
76	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
77	Genome-wide interaction analysis reveals replicated epistatic effects on brain structure. <i>Neurobiology of Aging</i> , 2015, 36, S151-S158.	1.5	22
78	Heritability of the network architecture of intrinsic brain functional connectivity. <i>NeuroImage</i> , 2015, 121, 243-252.	2.1	60
79	Interference from object part relations in spoken word production: Behavioural and fMRI evidence. <i>Journal of Neurolinguistics</i> , 2015, 36, 56-71.	0.5	3
80	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.	0.7	21
81	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
82	Heritability of brain network topology in 853 twins and siblings. , 2015, 2015, 449-453.		5
83	Genetic analysis of structural brain connectivity using DICCCOL models of diffusion MRI in 522 twins. , 2015, 2015, 1167-1171.		2
84	Early and Late Electrophysiological Effects of Distractor Frequency in Picture Naming: Reconciling Input and Output Accounts. <i>Journal of Cognitive Neuroscience</i> , 2015, 27, 1936-1947.	1.1	6
85	The roles of shared vs. distinctive conceptual features in lexical access. <i>Frontiers in Psychology</i> , 2014, 5, 1014.	1.1	17
86	Mind what you say—general and specific mechanisms for monitoring in speech production. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 514.	1.0	2
87	Feature overlap slows lexical selection: Evidence from the picture–word interference paradigm. <i>Quarterly Journal of Experimental Psychology</i> , 2014, 67, 2325-2339.	0.6	18
88	Modeling of the Hemodynamic Responses in Block Design fMRI Studies. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 316-324.	2.4	65
89	Investigating brain connectivity heritability in a twin study using diffusion imaging data. <i>NeuroImage</i> , 2014, 100, 628-641.	2.1	33
90	A commonly carried genetic variant in the delta opioid receptor gene, <i>OPRD1</i> , is associated with smaller regional brain volumes: Replication in elderly and young populations. <i>Human Brain Mapping</i> , 2014, 35, 1226-1236.	1.9	28

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91	Combining meta- and mega- analytic approaches for multi-site diffusion imaging based genetic studies: From the ENIGMA-DTI working group. , 2014, , .		0
92	Changes in White Matter Connectivity Following Therapy for Anomia Post stroke. Neurorehabilitation and Neural Repair, 2014, 28, 325-334.	1.4	47
93	Development of insula connectivity between ages 12 and 30 revealed by high angular resolution diffusion imaging. Human Brain Mapping, 2014, 35, 1790-1800.	1.9	45
94	Automatic clustering and population analysis of white matter tracts using maximum density paths. NeuroImage, 2014, 97, 284-295.	2.1	31
95	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. Brain Imaging and Behavior, 2014, 8, 153-182.	1.1	696
96	Identifying candidate gene effects by restricting search space in a multivariate genetic analysis of white matter microstructure. , 2014, , .		1
97	A functional MRI study of the relationship between naming treatment outcomes and resting state functional connectivity in post-stroke aphasia. Human Brain Mapping, 2014, 35, 3919-3931.	1.9	86
98	Obesity gene NEGR1 associated with white matter integrity in healthy young adults. NeuroImage, 2014, 102, 548-557.	2.1	35
99	Heritability of head motion during resting state functional MRI in 462 healthy twins. NeuroImage, 2014, 102, 424-434.	2.1	64
100	Genetic architecture of subcortical brain regions: common and region-specific genetic contributions. Genes, Brain and Behavior, 2014, 13, 821-830.	1.1	52
101	A perfusion fMRI investigation of thematic and categorical context effects in the spoken production of object names. Cortex, 2014, 54, 135-149.	1.1	41
102	Neural activity associated with semantic versus phonological anomia treatments in aphasia. Brain and Language, 2014, 129, 47-57.	0.8	42
103	Genetic effects on the cerebellar role in working memory: Same brain, different genes?. NeuroImage, 2014, 86, 392-403.	2.1	13
104	Multi-site study of additive genetic effects on fractional anisotropy of cerebral white matter: Comparing meta and mega-analytical approaches for data pooling. NeuroImage, 2014, 95, 136-150.	2.1	127
105	Automatic clustering of white matter fibers in brain diffusion MRI with an application to genetics. NeuroImage, 2014, 100, 75-90.	2.1	117
106	Serum cholesterol and variant in cholesterol-related gene CETP predict white matter microstructure. Neurobiology of Aging, 2014, 35, 2504-2513.	1.5	26
107	Power Estimates for Voxel-Based Genetic Association Studies Using Diffusion Imaging. Mathematics and Visualization, 2014, , 229-238.	0.4	2
108	Differential processing of thematic and categorical conceptual relations in spoken word production.. Journal of Experimental Psychology: General, 2013, 142, 131-142.	1.5	87

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109	Genome-wide association identifies genetic variants associated with lentiform nucleus volume in Nâ€™=â€™%1345 young and elderly subjects. <i>Brain Imaging and Behavior</i> , 2013, 7, 102-115.	1.1	26
110	Brain network efficiency and topology depend on the fiber tracking method: 11 tractography algorithms compared in 536 subjects. , 2013, , .		12
111	Genome-wide scan of healthy human connectome discovers <i>SPON1</i> gene variant influencing dementia severity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 4768-4773.	3.3	141
112	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
113	Relation between variants in the neurotrophin receptor gene, NTRK3, and white matter integrity in healthy young adults. <i>NeuroImage</i> , 2013, 82, 146-153.	2.1	37
114	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
115	Putting an â€™Endâ€™ to the Motor Cortex Representations of Action Words. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1957-1974.	1.1	60
116	Development of the “rich club” in brain connectivity networks from 438 adolescents — adults aged 12 to 30. , 2013, , 624-627.		24
117	Labeling white matter tracts in hardi by fusing multiple tract atlases with applications to genetics. , 2013, 2013, 512-515.		22
118	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.	1.0	23
119	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.	1.0	4
120	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, 600-607.	1.0	9
121	Genetic Clustering on the Hippocampal Surface for Genome-Wide Association Studies. <i>Lecture Notes in Computer Science</i> , 2013, 16, 690-697.	1.0	7
122	Predicting White Matter Integrity from Multiple Common Genetic Variants. <i>Neuropsychopharmacology</i> , 2012, 37, 2012-2019.	2.8	49
123	Independent Distractor Frequency and Age-of-Acquisition Effects in Pictureâ€™Word Interference: fMRI Evidence for Post-lexical and Lexical Accounts according to Distractor Type. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 482-495.	1.1	18
124	How a common variant in the growth factor receptor gene, <i>NTRK1</i>, affects white matter. <i>Bioarchitecture</i> , 2012, 2, 181-184.	1.5	7
125	Genetic and Environmental Influences on Neuroimaging Phenotypes: A Meta-Analytical Perspective on Twin Imaging Studies. <i>Twin Research and Human Genetics</i> , 2012, 15, 351-371.	0.3	194
126	Changes in anatomical brain connectivity between ages 12 and 30: A HARDI study of 467 adolescents and adults. , 2012, , 904-908.		8

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127	Gene Network Effects on Brain Microstructure and Intellectual Performance Identified in 472 Twins. <i>Journal of Neuroscience</i> , 2012, 32, 8732-8745.	1.7	55
128	A Genome-Wide Association Study Identifies Five Loci Influencing Facial Morphology in Europeans. <i>PLoS Genetics</i> , 2012, 8, e1002932.	1.5	274
129	Neuroimaging and Genetics: Exploring, Searching, and Finding. <i>Twin Research and Human Genetics</i> , 2012, 15, 267-272.	0.3	7
130	Alzheimer's Disease Risk Gene, <i>GAB2</i> , is Associated with Regional Brain Volume Differences in 755 Young Healthy Twins. <i>Twin Research and Human Genetics</i> , 2012, 15, 286-295.	0.3	16
131	Relationship of a Variant in the <i>NTRK1</i> Gene to White Matter Microstructure in Young Adults. <i>Journal of Neuroscience</i> , 2012, 32, 5964-5972.	1.7	40
132	Diffusion imaging protocol effects on genetic associations. , 2012, , 944-947.		14
133	Discovery of genes that affect human brain connectivity: A genome-wide analysis of the connectome. , 2012, , 542-545.		12
134	Genetic influences on sulcal patterns of the brain. , 2012, , .		1
135	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	9.4	594
136	Left versus right hemisphere differences in brain connectivity: 4-Tesla HARDI tractography in 569 twins. , 2012, 2012, 526-529.		16
137	Probabilistic orthographic cues to grammatical category in the brain. <i>Brain and Language</i> , 2012, 123, 202-210.	0.8	11
138	Hierarchical topological network analysis of anatomical human brain connectivity and differences related to sex and kinship. <i>NeuroImage</i> , 2012, 59, 3784-3804.	2.1	57
139	Brain structure in healthy adults is related to serum transferrin and the H63D polymorphism in the <i>HFE</i> gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E851-9.	3.3	83
140	Discovery and replication of gene influences on brain structure using LASSO regression. <i>Frontiers in Neuroscience</i> , 2012, 6, 115.	1.4	91
141	Strong inference in functional neuroimaging. <i>Australian Journal of Psychology</i> , 2012, 64, 19-28.	1.4	5
142	Test-Retest Reliability of Graph Theory Measures of Structural Brain Connectivity. <i>Lecture Notes in Computer Science</i> , 2012, 15, 305-312.	1.0	33
143	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.	1.0	20
144	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.	1.0	9

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145	Genome-wide association reveals dopamine-related genetic effects on caudate volume. <i>Molecular Psychiatry</i> , 2011, 16, 881-881.	4.1	8
146	BDNF gene effects on brain circuitry replicated in 455 twins. <i>NeuroImage</i> , 2011, 55, 448-454.	2.1	110
147	The structure and connectivity of semantic memory in the healthy older adult brain. <i>NeuroImage</i> , 2011, 54, 1488-1494.	2.1	85
148	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
149	Sex differences in the human connectome: 4-Tesla high angular resolution diffusion imaging (HARDI) tractography in 234 young adult twins. , 2011, , .		21
150	The contribution of genes to cortical thickness and volume. <i>NeuroReport</i> , 2011, 22, 101-105.	0.6	84
151	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, 927-937.	4.1	52
152	An fMRI Investigation of Semantic and Phonological Naming Treatment in Aphasia. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 23, 135-137.	0.5	0
153	A Nonconservative Lagrangian Framework for Statistical Fluid Registrationâ€”SAFIRA. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 184-202.	5.4	17
154	Cortical organization of environmental sounds by attribute. <i>Human Brain Mapping</i> , 2011, 32, 688-698.	1.9	3
155	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, 4164-4173.	1.1	5
156	Memory Strength Effects in fMRI Studies: A Matter of Confidence. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2324-2335.	1.1	11
157	Altered Structural Brain Connectivity in Healthy Carriers of the Autism Risk Gene, <i>CNTNAP2</i> . <i>Brain Connectivity</i> , 2011, 1, 447-459.	0.8	98
158	Hierarchical clustering of the genetic connectivity matrix reveals the network topology of gene action on brain microstructure: An N=531 twin study. , 2011, , .		2
159	Common Alzheimer's Disease Risk Variant Within the <i>CLU</i> Gene Affects White Matter Microstructure in Young Adults. <i>Journal of Neuroscience</i> , 2011, 31, 6764-6770.	1.7	157
160	Heritability of Working Memory Brain Activation. <i>Journal of Neuroscience</i> , 2011, 31, 10882-10890.	1.7	165
161	Heritability of White Matter Fiber Tract Shapes: A HARDI Study of 198 Twins. <i>Lecture Notes in Computer Science</i> , 2011, 2011, 35-43.	1.0	16
162	Tracking the Arcuate Fasciculus in Patients with Aphasia. <i>Procedia, Social and Behavioral Sciences</i> , 2010, 6, 86-87.	0.5	0

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163	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.	0.8	36
164	Scalar connectivity measures from fast-marching tractography reveal heritability of white matter architecture. , 2010, , .		5
165	Multivariate variance-components analysis in DTI. , 2010, 2010, 1157-1160.		10
166	A new combined surface and volume registration. , 2010, , .		4
167	Improving fluid registration through white matter segmentation in a twin study design. , 2010, , .		0
168	Genetic influences on brain asymmetry: A DTI study of 374 twins and siblings. <i>NeuroImage</i> , 2010, 52, 455-469.	2.1	127
169	How does angular resolution affect diffusion imaging measures?. <i>NeuroImage</i> , 2010, 49, 1357-1371.	2.1	70
170	Semantic interference in object naming: An fMRI study of the postcue naming paradigm. <i>NeuroImage</i> , 2010, 50, 796-801.	2.1	18
171	Statistically assisted fluid image registration algorithm - SAFIRA. , 2010, 2010, 364-367.		0
172	A genetic analysis of cortical thickness in 372 twins. , 2010, 2010, 101-104.		1
173	Reducing structural variation to determine the genetics of white matter integrity across hemispheres - A DTI study of 100 twins. , 2009, 2009, 819-822.		0
174	A Lagrangian formulation for statistical fluid registration. , 2009, 2009, 975-978.		4
175	Analyzing multi-fiber reconstruction in high angular resolution diffusion imaging using the tensor distribution function. , 2009, , .		5
176	White matter integrity measured by fractional anisotropy correlates poorly with actual individual fiber anisotropy. , 2009, , .		6
177	Semantic Context and Visual Feature Effects in Object Naming: An fMRI Study using Arterial Spin Labeling. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1571-1583.	1.1	42
178	l-Dopa Modulates Functional Connectivity in Striatal Cognitive and Motor Networks: A Double-Blind Placebo-Controlled Study. <i>Journal of Neuroscience</i> , 2009, 29, 7364-7378.	1.7	268
179	Genetics of Brain Fiber Architecture and Intellectual Performance. <i>Journal of Neuroscience</i> , 2009, 29, 2212-2224.	1.7	420
180	Dopaminergic Neuromodulation of Semantic Processing: A 4-T fMRI Study with Levodopa. <i>Cerebral Cortex</i> , 2009, 19, 2651-2658.	1.6	39

#	ARTICLE	IF	CITATIONS
181	The tensor distribution function. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 205-214.	1.9	90
182	Auditory context effects in picture naming investigated with event-related fMRI. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2009, 9, 260-269.	1.0	63
183	The multivariate A/C/E model and the genetics of fiber architecture. , 2009, 2009, 125-128.		5
184	Mapping genetic influences on ventricular structure in twins. <i>NeuroImage</i> , 2009, 44, 1312-1323.	2.1	35
185	Active fibers: Matching deformable tract templates to diffusion tensor images. <i>NeuroImage</i> , 2009, 47, T82-T89.	2.1	18
186	Mapping the regional influence of genetics on brain structure variability â€” A Tensor-Based Morphometry study. <i>NeuroImage</i> , 2009, 48, 37-49.	2.1	76
187	A Novel Measure of Fractional Anisotropy Based on the Tensor Distribution Function. <i>Lecture Notes in Computer Science</i> , 2009, 12, 845-852.	1.0	16
188	Tensor-Based Analysis of Genetic Influences on Brain Integrity Using DTI in 100 Twins. <i>Lecture Notes in Computer Science</i> , 2009, 12, 967-974.	1.0	9
189	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, 506-513.	1.0	23
190	Genetics of Anisotropy Asymmetry: Registration and Sample Size Effects. <i>Lecture Notes in Computer Science</i> , 2009, 12, 498-505.	1.0	1
191	Meeting the Challenges of Neuroimaging Genetics. <i>Brain Imaging and Behavior</i> , 2008, 2, 258-263.	1.1	78
192	Fluid Registration of Diffusion Tensor Images Using Information Theory. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 442-456.	5.4	98
193	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, 70-79.	1.1	119
194	Negative priming in naming of categorically related objects: An fMRI study. <i>Cortex</i> , 2008, 44, 881-889.	1.1	8
195	Automated ventricular mapping with multi-atlas fluid image alignment reveals genetic effects in Alzheimer's disease. <i>NeuroImage</i> , 2008, 40, 615-630.	2.1	70
196	Action word meaning representations in cytoarchitecturally defined primary and premotor cortices. <i>NeuroImage</i> , 2008, 43, 634-644.	2.1	171
197	Best individual template selection from deformation tensor minimization. , 2008, 2008, 460-463.		14
198	Quantitative genetic modeling of lateral ventricular shape and volume using multi-atlas fluid image alignment in twins. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
199	Mapping genetic influences on brain fiber architecture with high angular resolution diffusion imaging (HARDI). , 2008, , .		4
200	Probabilistic multi-tensor estimation using the Tensor Distribution Function. , 2008, , .		2
201	A new registration method based on Log-Euclidean Tensor metrics and its application to genetic studies. , 2008, 2008, 1115-1118.		9
202	The tensor distribution function. , 2008, , .		0
203	Comparison of fractional and geodesic anisotropy in diffusion tensor images of 90 monozygotic and dizygotic twins. , 2008, 2008, 943-946.		15
204	Brain Fiber Architecture, Genetics, and Intelligence: A High Angular Resolution Diffusion Imaging (HARDI) Study. Lecture Notes in Computer Science, 2008, 11, 1060-1067.	1.0	31
205	Visualization Tools for High Angular Resolution Diffusion Imaging. Lecture Notes in Computer Science, 2008, 11, 298-305.	1.0	15
206	AUTOMATED 3D MAPPING & SHAPE ANALYSIS OF THE LATERAL VENTRICLES VIA FLUID REGISTRATION OF MULTIPLE SURFACE-BASED ATLASES. , 2007, , .		7
207	Direct mapping of hippocampal surfaces with intrinsic shape context. NeuroImage, 2007, 37, 792-807.	2.1	48
208	Selectivity of human retinotopic visual cortex to S-cone-opponent, L/M-cone-opponent and achromatic stimulation. European Journal of Neuroscience, 2007, 25, 491-502.	1.2	93
209	Neural correlates of semantic priming for ambiguous words: An event-related fMRI study. Brain Research, 2007, 1131, 163-172.	1.1	56
210	Support for an auto-associative model of spoken cued recall: Evidence from fMRI. Neuropsychologia, 2007, 45, 824-835.	0.7	20
211	Tracking Alzheimer's Disease. Annals of the New York Academy of Sciences, 2007, 1097, 183-214.	1.8	209
212	Information-Theoretic Analysis of Brain White Matter Fiber Orientation Distribution Functions. Lecture Notes in Computer Science, 2007, 20, 172-182.	1.0	15
213	Classic identity negative priming involves accessing semantic representations in the left anterior temporal cortex. NeuroImage, 2006, 33, 383-390.	2.1	19
214	Cognitive neuroimaging: Cognitive science out of the armchair. Brain and Cognition, 2006, 60, 272-281.	0.8	10
215	Top-down influences on lexical selection during spoken word production: A 4T fMRI investigation of refractory effects in picture naming. Human Brain Mapping, 2006, 27, 864-873.	1.9	58
216	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. Magnetic Resonance in Medicine, 2006, 55, 9-15.	1.9	19

#	ARTICLE	IF	CITATIONS
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, 1122-1128.	0.9	171
218	fMRI evidence of word frequency and strength effects during episodic memory encoding. <i>Cognitive Brain Research</i> , 2005, 22, 439-450.	3.3	31
219	fMRI evidence of word frequency and strength effects in recognition memory. <i>Cognitive Brain Research</i> , 2005, 24, 587-598.	3.3	21
220	Orthographic effects on picture naming in Chinese: A 4T erfMRI study. <i>Brain and Language</i> , 2005, 95, 14-15.	0.8	7
221	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.	0.5	5
222	Dynamic Mapping of Alzheimer's Disease. <i>Research and Perspectives in Alzheimer's Disease</i> , 2004, , 87-112.	0.1	1
223	Mapping hippocampal and ventricular change in Alzheimer disease. <i>NeuroImage</i> , 2004, 22, 1754-1766.	2.1	554
224	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. <i>NeuroImage</i> , 2004, 23, S2-S18.	2.1	356
225	Brain activity during automatic semantic priming revealed by event-related functional magnetic resonance imaging. <i>NeuroImage</i> , 2003, 20, 302-310.	2.1	112
226	Progressive Dysgraphia in a Case of Posterior Cortical Atrophy. <i>Neurocase</i> , 2003, 9, 251-260.	0.2	18
227	Dynamics of Gray Matter Loss in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2003, 23, 994-1005.	1.7	998
228	Detecting dynamic and genetic effects on brain structure using high-dimensional cortical pattern matching. , 2002, 2002, 473-476.		16
229	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, 1084-1093.	2.1	75
230	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, 41-48.	1.0	53
231	4D deformation modeling of cortical disease progression in Alzheimer's dementia. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 661-666.	1.9	107
232	The semantic interference effect in the picture-word paradigm: An event-related fMRI study employing overt responses. <i>Human Brain Mapping</i> , 2001, 14, 218-227.	1.9	161
233	Brain Activity During the Encoding, Retention, and Retrieval of Stimulus Representations. <i>Learning and Memory</i> , 2001, 8, 243-251.	0.5	39
234	Identifying Rate-Limiting Nodes in Large-Scale Cortical Networks for Visuospatial Processing: An Illustration using fMRI. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 537-545.	1.1	80

#	ARTICLE	IF	CITATIONS
235	Cerebral regions associated with verbal response initiation, suppression and strategy use. <i>Neuropsychologia</i> , 2000, 38, 1292-1304.	0.7	61
236	Motor response suppression and the prepotent tendency to respond: a parametric fMRI study. <i>Neuropsychologia</i> , 2000, 38, 1280-1291.	0.7	141
237	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, 291-299.	1.0	121
238	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.		11
239	A reproducible method for automated extraction of brain volumes from 3D human head mr images. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 480-486.	1.9	13
240	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, 457-466.	1.7	15
241	Prefrontal Cortex Involvement in Selective Letter Generation: A Functional Magnetic Resonance Imaging Study. <i>Cortex</i> , 1998, 34, 389-401.	1.1	43
242	A Role for the Hippocampus in Card Sorting? A Cautionary Note a Comment to Corcoran and Upton. <i>Cortex</i> , 1996, 32, 187-189.	1.1	1
243	Nelson's (1976) modified card sorting test: A review. <i>Clinical Neuropsychologist</i> , 1996, 10, 245-254.	1.5	102
244	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.	0.9	11
245	Neuroimaging and Clinical Neuropsychological Practice.. , 0, , 56-74.		1
246	Genetic Specificity of Hippocampal Subfield Volumes, Relative to Hippocampal Formation, Identified in 2148 Young Adult Twins and Siblings. <i>Twin Research and Human Genetics</i> , 0, , 1-11.	0.3	1