

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

18465

62
h-index

17580

121
g-index

267
all docs

267
docs citations

267
times ranked

18380
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of Gray Matter Loss in Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2003, 23, 994-1005.	1.7	998
2	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
3	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
4	Common genetic variants influence human subcortical brain structures. <i>Nature</i> , 2015, 520, 224-229.	13.7	772
5	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
6	Identification of common variants associated with human hippocampal and intracranial volumes. <i>Nature Genetics</i> , 2012, 44, 552-561.	9.4	594
7	Mapping hippocampal and ventricular change in Alzheimer disease. <i>NeuroImage</i> , 2004, 22, 1754-1766.	2.1	554
8	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
9	Genetics of Brain Fiber Architecture and Intellectual Performance. <i>Journal of Neuroscience</i> , 2009, 29, 2212-2224.	1.7	420
10	Mapping cortical change in Alzheimer's disease, brain development, and schizophrenia. <i>NeuroImage</i> , 2004, 23, S2-S18.	2.1	356
11	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.	2.1	354
12	A Genome-Wide Association Study Identifies Five Loci Influencing Facial Morphology in Europeans. <i>PLoS Genetics</i> , 2012, 8, e1002932.	1.5	274
13	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
14	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
15	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
16	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
17	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
18	Tracking Alzheimer's Disease. <i>Annals of the New York Academy of Sciences</i> , 2007, 1097, 183-214.	1.8	209

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19	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. <i>Nature Neuroscience</i> , 2016, 19, 420-431.	7.1	204
20	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
21	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
22	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
23	Autism-related dietary preferences mediate autism-gut microbiome associations. <i>Cell</i> , 2021, 184, 5916-5931.e17.	13.5	172
24	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
25	Action word meaning representations in cytoarchitecturally defined primary and premotor cortices. <i>NeuroImage</i> , 2008, 43, 634-644.	2.1	171
26	Heritability of Working Memory Brain Activation. <i>Journal of Neuroscience</i> , 2011, 31, 10882-10890.	1.7	165
27	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
28	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
29	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
30	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	1.9	143
31	Motor response suppression and the prepotent tendency to respond: a parametric fMRI study. <i>Neuropsychologia</i> , 2000, 38, 1280-1291.	0.7	141
32	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
33	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
34	Genetic influences on brain asymmetry: A DTI study of 374 twins and siblings. <i>NeuroImage</i> , 2010, 52, 455-469.	2.1	127
35	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, 136-150.	2.1	127
36	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

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37	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
38	Automatic clustering of white matter fibers in brain diffusion MRI with an application to genetics. <i>NeuroImage</i> , 2014, 100, 75-90.	2.1	117
39	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
40	Brain activity during automatic semantic priming revealed by event-related functional magnetic resonance imaging. <i>NeuroImage</i> , 2003, 20, 302-310.	2.1	112
41	BDNF gene effects on brain circuitry replicated in 455 twins. <i>NeuroImage</i> , 2011, 55, 448-454.	2.1	110
42	4D deformation modeling of cortical disease progression in Alzheimer's dementia. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 661-666.	1.9	107
43	Heritability and reliability of automatically segmented human hippocampal formation subregions. <i>NeuroImage</i> , 2016, 128, 125-137.	2.1	107
44	Nelson's (1976) modified card sorting test: A review. <i>Clinical Neuropsychologist</i> , 1996, 10, 245-254.	1.5	102
45	Genetic and Environmental Contributions to Functional Connectivity Architecture of the Human Brain. <i>Cerebral Cortex</i> , 2016, 26, 2341-2352.	1.6	100
46	Fluid Registration of Diffusion Tensor Images Using Information Theory. <i>IEEE Transactions on Medical Imaging</i> , 2008, 27, 442-456.	5.4	98
47	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
48	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
49	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.	1.2	93
50	Discovery and replication of gene influences on brain structure using LASSO regression. <i>Frontiers in Neuroscience</i> , 2012, 6, 115.	1.4	91
51	The tensor distribution function. <i>Magnetic Resonance in Medicine</i> , 2009, 61, 205-214.	1.9	90
52	Differential processing of thematic and categorical conceptual relations in spoken word production. <i>Journal of Experimental Psychology: General</i> , 2013, 142, 131-142.	1.5	87
53	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, 3919-3931.	1.9	86
54	The structure and connectivity of semantic memory in the healthy older adult brain. <i>NeuroImage</i> , 2011, 54, 1488-1494.	2.1	85

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55	The contribution of genes to cortical thickness and volume. <i>NeuroReport</i> , 2011, 22, 101-105.	0.6	84
56	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
57	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
58	Meeting the Challenges of Neuroimaging Genetics. <i>Brain Imaging and Behavior</i> , 2008, 2, 258-263.	1.1	78
59	Heritability of the shape of subcortical brain structures in the general population. <i>Nature Communications</i> , 2016, 7, 13738.	5.8	78
60	Mapping the regional influence of genetics on brain structure variability – A Tensor-Based Morphometry study. <i>NeuroImage</i> , 2009, 48, 37-49.	2.1	76
61	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	1.9	76
62	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
63	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
64	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	1.9	72
65	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
66	How does angular resolution affect diffusion imaging measures?. <i>NeuroImage</i> , 2010, 49, 1357-1371.	2.1	70
67	Partitioning heritability analysis reveals a shared genetic basis of brain anatomy and schizophrenia. <i>Molecular Psychiatry</i> , 2016, 21, 1680-1689.	4.1	69
68	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
69	Heritability of head motion during resting state functional MRI in 462 healthy twins. <i>NeuroImage</i> , 2014, 102, 424-434.	2.1	64
70	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
71	Cerebral regions associated with verbal response initiation, suppression and strategy use. <i>Neuropsychologia</i> , 2000, 38, 1292-1304.	0.7	61
72	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

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73	Putting an "End" to the Motor Cortex Representations of Action Words. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 1957-1974.	1.1	60
74	Heritability of the network architecture of intrinsic brain functional connectivity. <i>NeuroImage</i> , 2015, 121, 243-252.	2.1	60
75	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, 864-873.	1.9	58
76	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
77	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
78	Neural correlates of semantic priming for ambiguous words: An event-related fMRI study. <i>Brain Research</i> , 2007, 1131, 163-172.	1.1	56
79	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
80	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
81	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
82	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
83	Genetic architecture of subcortical brain regions: common and region-specific genetic contributions. <i>Genes, Brain and Behavior</i> , 2014, 13, 821-830.	1.1	52
84	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
85	Predicting White Matter Integrity from Multiple Common Genetic Variants. <i>Neuropsychopharmacology</i> , 2012, 37, 2012-2019.	2.8	49
86	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
87	Direct mapping of hippocampal surfaces with intrinsic shape context. <i>NeuroImage</i> , 2007, 37, 792-807.	2.1	48
88	Changes in White Matter Connectivity Following Therapy for Anomia Post stroke. <i>Neurorehabilitation and Neural Repair</i> , 2014, 28, 325-334.	1.4	47
89	Development of insula connectivity between ages 12 and 30 revealed by high angular resolution diffusion imaging. <i>Human Brain Mapping</i> , 2014, 35, 1790-1800.	1.9	45
90	Region-specific sex differences in the hippocampus. <i>NeuroImage</i> , 2020, 215, 116781.	2.1	45

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91	Prefrontal Cortex Involvement in Selective Letter Generation: A Functional Magnetic Resonance Imaging Study. <i>Cortex</i> , 1998, 34, 389-401.	1.1	43
92	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
93	Neural activity associated with semantic versus phonological anomia treatments in aphasia. <i>Brain and Language</i> , 2014, 129, 47-57.	0.8	42
94	The reliability and heritability of cortical folds and their genetic correlations across hemispheres. <i>Communications Biology</i> , 2020, 3, 510.	2.0	42
95	A perfusion fMRI investigation of thematic and categorical context effects in the spoken production of object names. <i>Cortex</i> , 2014, 54, 135-149.	1.1	41
96	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
97	Brain Activity During the Encoding, Retention, and Retrieval of Stimulus Representations. <i>Learning and Memory</i> , 2001, 8, 243-251.	0.5	39
98	Dopaminergic Neuromodulation of Semantic Processing: A 4-T fMRI Study with Levodopa. <i>Cerebral Cortex</i> , 2009, 19, 2651-2658.	1.6	39
99	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
100	Relation between variants in the neurotrophin receptor gene, <i>NTRK3</i> , and white matter integrity in healthy young adults. <i>NeuroImage</i> , 2013, 82, 146-153.	2.1	37
101	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
102	Mapping genetic influences on ventricular structure in twins. <i>NeuroImage</i> , 2009, 44, 1312-1323.	2.1	35
103	Obesity gene <i>NEGR1</i> associated with white matter integrity in healthy young adults. <i>NeuroImage</i> , 2014, 102, 548-557.	2.1	35
104	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
105	Investigating brain connectivity heritability in a twin study using diffusion imaging data. <i>NeuroImage</i> , 2014, 100, 628-641.	2.1	33
106	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
107	fMRI evidence of word frequency and strength effects during episodic memory encoding. <i>Cognitive Brain Research</i> , 2005, 22, 439-450.	3.3	31
108	Automatic clustering and population analysis of white matter tracts using maximum density paths. <i>NeuroImage</i> , 2014, 97, 284-295.	2.1	31

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109	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
110	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. Human Brain Mapping, 2022, 43, 300-328.	1.9	30
111	Brain Correlates of Suicide Attempt in 18,925 Participants Across 18 International Cohorts. Biological Psychiatry, 2021, 90, 243-252.	0.7	29
112	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. Human Brain Mapping, 2014, 35, 1226-1236.	1.9	28
113	Lingual Gyrus Surface Area Is Associated with Anxiety-Depression Severity in Young Adults: A Genetic Clustering Approach. ENeuro, 2018, 5, ENEURO.0153-17.2017.	0.9	28
114	Brain mechanisms of semantic interference in spoken word production: An anodal transcranial Direct Current Stimulation (atDCS) study. Brain and Language, 2016, 157-158, 72-80.	0.8	27
115	Genome-wide association identifies genetic variants associated with lentiform nucleus volume in 1345 young and elderly subjects. Brain Imaging and Behavior, 2013, 7, 102-115.	1.1	26
116	Serum cholesterol and variant in cholesterol-related gene CETP predict white matter microstructure. Neurobiology of Aging, 2014, 35, 2504-2513.	1.5	26
117	Development of the rich club in brain connectivity networks from 438 adolescents and adults aged 12 to 30. , 2013, , 624-627.		24
118	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. Translational Psychiatry, 2021, 11, 182.	2.4	24
119	No specific role for the manual motor system in processing the meanings of words related to the hand. Frontiers in Human Neuroscience, 2013, 7, 11.	1.0	23
120	Homogenizing Estimates of Heritability Among SOLAR-Eclipse, OpenMx, APACE, and FPHI Software Packages in Neuroimaging Data. Frontiers in Neuroinformatics, 2019, 13, 16.	1.3	23
121	Extending Genetic Linkage Analysis to Diffusion Tensor Images to Map Single Gene Effects on Brain Fiber Architecture. Lecture Notes in Computer Science, 2009, 12, 506-513.	1.0	23
122	Labeling white matter tracts in hardi by fusing multiple tract atlases with applications to genetics. , 2013, 2013, 512-515.		22
123	Genome-wide interaction analysis reveals replicated epistatic effects on brain structure. Neurobiology of Aging, 2015, 36, S151-S158.	1.5	22
124	fMRI evidence of word frequency and strength effects in recognition memory. Cognitive Brain Research, 2005, 24, 587-598.	3.3	21
125	Sex differences in the human connectome: 4-Tesla high angular resolution diffusion imaging (HARDI) tractography in 234 young adult twins. , 2011, , .		21
126	Perfusion fMRI evidence for priming of shared feature-to-lexical connections during cumulative semantic interference in spoken word production. Language, Cognition and Neuroscience, 2015, 30, 261-272.	0.7	21

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127	Genes influence the amplitude and timing of brain hemodynamic responses. <i>NeuroImage</i> , 2016, 124, 663-671.	2.1	21
128	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
129	Testing associations between cannabis use and subcortical volumes in two large population-based samples. <i>Addiction</i> , 2018, 113, 1661-1672.	1.7	21
130	Support for an auto-associative model of spoken cued recall: Evidence from fMRI. <i>Neuropsychologia</i> , 2007, 45, 824-835.	0.7	20
131	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
132	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
133	Classic identity negative priming involves accessing semantic representations in the left anterior temporal cortex. <i>NeuroImage</i> , 2006, 33, 383-390.	2.1	19
134	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.	1.9	19
135	Accelerated estimation and permutation inference for ACE modeling. <i>Human Brain Mapping</i> , 2019, 40, 3488-3507.	1.9	19
136	Progressive Dysgraphia in a Case of Posterior Cortical Atrophy. <i>Neurocase</i> , 2003, 9, 251-260.	0.2	18
137	Active fibers: Matching deformable tract templates to diffusion tensor images. <i>NeuroImage</i> , 2009, 47, T82-T89.	2.1	18
138	Semantic interference in object naming: An fMRI study of the postcue naming paradigm. <i>NeuroImage</i> , 2010, 50, 796-801.	2.1	18
139	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, 482-495.	1.1	18
140	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
141	A Nonconservative Lagrangian Framework for Statistical Fluid Registration-SAFIRA. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 184-202.	5.4	17
142	The roles of shared vs. distinctive conceptual features in lexical access. <i>Frontiers in Psychology</i> , 2014, 5, 1014.	1.1	17
143	Genome-wide association study of working memory brain activation. <i>International Journal of Psychophysiology</i> , 2017, 115, 98-111.	0.5	17
144	Detecting dynamic and genetic effects on brain structure using high-dimensional cortical pattern matching. , 2002, 2002, 473-476.		16

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145	Alzheimer's Disease Risk Gene, <i>CAB2</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
146	Left versus right hemisphere differences in brain connectivity: 4-Tesla HARDI tractography in 569 twins. , 2012, 2012, 526-529.		16
147	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
148	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
149	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
150	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
151	Comparison of fractional and geodesic anisotropy in diffusion tensor images of 90 monozygotic and dizygotic twins. , 2008, 2008, 943-946.		15
152	Information-Theoretic Analysis of Brain White Matter Fiber Orientation Distribution Functions. <i>Lecture Notes in Computer Science</i> , 2007, 20, 172-182.	1.0	15
153	Visualization Tools for High Angular Resolution Diffusion Imaging. <i>Lecture Notes in Computer Science</i> , 2008, 11, 298-305.	1.0	15
154	Best individual template selection from deformation tensor minimization. , 2008, 2008, 460-463.		14
155	Diffusion imaging protocol effects on genetic associations. , 2012, , 944-947.		14
156	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
157	Interference from related actions in spoken word production: Behavioural and fMRI evidence. <i>Neuropsychologia</i> , 2017, 96, 78-88.	0.7	14
158	Queensland Family Cohort: a study protocol. <i>BMJ Open</i> , 2021, 11, e044463.	0.8	14
159	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
160	Genetic effects on the cerebellar role in working memory: Same brain, different genes?. <i>NeuroImage</i> , 2014, 86, 392-403.	2.1	13
161	Long-lasting semantic interference effects in object naming are not necessarily conceptually mediated. <i>Frontiers in Psychology</i> , 2015, 6, 578.	1.1	13
162	Discovery of genes that affect human brain connectivity: A genome-wide analysis of the connectome. , 2012, , 542-545.		12

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163	Brain network efficiency and topology depend on the fiber tracking method: 11 tractography algorithms compared in 536 subjects. , 2013, , .		12
164	Comparison of IQs and Verbal-Performance IQ Discrepancies Estimated from Two Seven-Subtest Short Forms of the WAIS-R. Journal of Psychoeducational Assessment, 1996, 14, 121-130.	0.9	11
165	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
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