Anqi Qiu

List of Publications by Year
in descending order

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180	6,886	50170 46	82410 72
papers	citations	h-index	g-index

181	181	181	8814
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cohort Profile: Growing Up in Singapore Towards healthy Outcomes (GUSTO) birth cohort study. International Journal of Epidemiology, 2014, 43, 1401-1409.	0.9	374
2	Prenatal maternal depression alters amygdala functional connectivity in 6-month-old infants. Translational Psychiatry, 2015, 5, e508-e508.	2.4	222
3	Prenatal Maternal Depression Associates with Microstructure of Right Amygdala in Neonates at Birth. Biological Psychiatry, 2013, 74, 837-844.	0.7	221
4	Basal Ganglia Volume and Shape in Children With Attention Deficit Hyperactivity Disorder. American Journal of Psychiatry, 2009, 166, 74-82.	4.0	217
5	Diffusion Tensor Imaging for Understanding Brain Development in Early Life. Annual Review of Psychology, 2015, 66, 853-876.	9.9	177
6	Large Deformation Diffeomorphic Metric Curve Mapping. International Journal of Computer Vision, 2008, 80, 317-336.	10.9	175
7	Regional shape abnormalities in mild cognitive impairment and Alzheimer's disease. NeuroImage, 2009, 45, 656-661.	2.1	146
8	Smooth functional and structural maps on the neocortex via orthonormal bases of the Laplace-Beltrami operator. IEEE Transactions on Medical Imaging, 2006, 25, 1296-1306.	5.4	124
9	Robust Automatic Rodent Brain Extraction Using 3-D Pulse-Coupled Neural Networks (PCNN). IEEE Transactions on Image Processing, 2011, 20, 2554-2564.	6.0	117
10	Antenatal Maternal Anxiety Predicts Variations in Neural Structures Implicated in Anxiety Disorders in Newborns. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 313-321.e2.	0.3	113
11	Relationships of maternal folate and vitamin B12 status during pregnancy with perinatal depression: The GUSTO study. Journal of Psychiatric Research, 2014, 55, 110-116.	1.5	106
12	Gabor Analysis of Auditory Midbrain Receptive Fields: Spectro-Temporal and Binaural Composition. Journal of Neurophysiology, 2003, 90, 456-476.	0.9	103
13	Basal Ganglia Shapes Predict Social, Communication, and Motor Dysfunctions in Boys With Autism Spectrum Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 539-551.e4.	0.3	103
14	Structural connectivity asymmetry in the neonatal brain. NeuroImage, 2013, 75, 187-194.	2.1	102
15	Diffeomorphic metric surface mapping in subregion of the superior temporal gyrus. NeuroImage, 2007, 34, 1149-1159.	2.1	94
16	Correction of B0 susceptibility induced distortion in diffusion-weighted images using large-deformation diffeomorphic metric mapping. Magnetic Resonance Imaging, 2008, 26, 1294-1302.	1.0	93
17	Multi-structure network shape analysis via normal surface momentum maps. NeuroImage, 2008, 42, 1430-1438.	2.1	92
18	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. Cerebral Cortex, 2017, 27, 3080-3092.	1.6	90

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19	COMT Haplotypes Modulate Associations of Antenatal Maternal Anxiety and Neonatal Cortical Morphology. American Journal of Psychiatry, 2015, 172, 163-172.	4.0	85
20	Parallel transport in diffeomorphisms distinguishes the time-dependent pattern of hippocampal surface deformation due to healthy aging and the dementia of the Alzheimer's type. NeuroImage, 2008, 40, 68-76.	2.1	84
21	Regionally Specific White Matter Disruptions of Fornix and Cingulum in Schizophrenia. PLoS ONE, 2011, 6, e18652.	1.1	81
22	Prevalence of cognitive impairment in Chinese: Epidemiology of Dementia in Singapore study. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 686-692.	0.9	76
23	Maternal sensitivity, infant limbic structure volume and functional connectivity: a preliminary study. Translational Psychiatry, 2015, 5, e668-e668.	2.4	75
24	Cortical graph neural network for AD and MCI diagnosis and transfer learning across populations. NeuroImage: Clinical, 2019, 23, 101929.	1.4	75
25	Whole brain diffeomorphic metric mapping via integration of sulcal and gyral curves, cortical surfaces, and images. NeuroImage, 2011, 56, 162-173.	2.1	74
26	Perinatal maternal depressive symptoms alter amygdala functional connectivity in girls. Human Brain Mapping, 2018, 39, 680-690.	1.9	71
27	Emotional expressions in voice and music: Same code, same effect?. Human Brain Mapping, 2013, 34, 1796-1810.	1.9	68
28	Brain-derived neurotrophic factor (BDNF) Val66Met polymorphism influences the association of the methylome with maternal anxiety and neonatal brain volumes. Development and Psychopathology, 2015, 27, 137-150.	1.4	68
29	APOE related hippocampal shape alteration in geriatric depression. NeuroImage, 2009, 44, 620-626.	2.1	67
30	The emerging discipline of Computational Functional Anatomy. NeuroImage, 2009, 45, S16-S39.	2.1	67
31	Hippocampal-cortical structural connectivity disruptions in schizophrenia: An integrated perspective from hippocampal shape, cortical thickness, and integrity of white matter bundles. NeuroImage, 2010, 52, 1181-1189.	2.1	67
32	Estimating linear cortical magnification in human primary visual cortex via dynamic programming. NeuroImage, 2006, 31, 125-138.	2.1	66
33	Abnormalities of cingulate gyrus neuroanatomy in schizophrenia. Schizophrenia Research, 2007, 93, 66-78.	1.1	66
34	Volume reduction in subcortical regions according to severity of Alzheimerâ€™s disease. Journal of Neurology, 2011, 258, 1013-1020.	1.8	66
35	Atlas-based automatic mouse brain image segmentation revisited: model complexity vs. image registration. Magnetic Resonance Imaging, 2012, 30, 789-798.	1.0	60
36	Manifold learning on brain functional networks in aging. Medical Image Analysis, 2015, 20, 52-60.	7.0	57

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37	Pre- and Post-Natal Maternal Depressive Symptoms in Relation with Infant Frontal Function, Connectivity, and Behaviors. PLoS ONE, 2016, 11, e0152991.	1.1	57
38	Multi-stage segmentation of white matter hyperintensity, cortical and lacunar infarcts. NeuroImage, 2012, 60, 2379-2388.	2.1	56
39	Ethnic differences translate to inadequacy of high-risk screening for gestational diabetes mellitus in an Asian population: a cohort study. BMC Pregnancy and Childbirth, 2014, 14, 345.	0.9	55
40	Quantitative evaluation of LDDMM, FreeSurfer, and CARET for cortical surface mapping. NeuroImage, 2010, 52, 131-141.	2.1	54
41	Association of silent lacunar infarct with brain atrophy and cognitive impairment. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 1219-1225.	0.9	51
42	Automated quality assessment of structural magnetic resonance images in children: Comparison with visual inspection and surfaceâ€based reconstruction. Human Brain Mapping, 2018, 39, 1218-1231.	1.9	51
43	Neuroanatomical asymmetry patterns in individuals with schizophrenia and their non-psychotic siblings. NeuroImage, 2009, 47, 1221-1229.	2.1	50
44	Silent Stroke. Stroke, 2012, 43, 3102-3104.	1.0	50
45	Association of Maternal Vitamin D Status with Glucose Tolerance and Caesarean Section in a Multi-Ethnic Asian Cohort: The Growing Up in Singapore Towards Healthy Outcomes Study. PLoS ONE, 2015, 10, e0142239.	1.1	50
46	Population Differences in Brain Morphology and Microstructure among Chinese, Malay, and Indian Neonates. PLoS ONE, 2012, 7, e47816.	1.1	49
47	Collaborative computational anatomy: An MRI morphometry study of the human brain via diffeomorphic metric mapping. Human Brain Mapping, 2009, 30, 2132-2141.	1.9	48
48	Time sequence diffeomorphic metric mapping and parallel transport track time-dependent shape changes. NeuroImage, 2009, 45, S51-S60.	2.1	48
49	Infant feeding effects on early neurocognitive development in Asian children. American Journal of Clinical Nutrition, 2015, 101, 326-336.	2.2	48
50	The Influence of Gestational Diabetes on Neurodevelopment of Children in the First Two Years of Life: A Prospective Study. PLoS ONE, 2016, 11, e0162113.	1.1	48
51	Unified heat kernel regression for diffusion, kernel smoothing and wavelets on manifolds and its application to mandible growth modeling in CT images. Medical Image Analysis, 2015, 22, 63-76.	7.0	47
52	Combining anatomical manifold information via diffeomorphic metric mappings for studying cortical thinning of the cingulate gyrus in schizophrenia. NeuroImage, 2007, 37, 821-833.	2.1	45
53	Transport of Relational Structures in Groups of Diffeomorphisms. Journal of Mathematical Imaging and Vision, 2008, 32, 41-56.	0.8	44
54	Combined analyses of thalamic volume, shape and white matter integrity in first-episode schizophrenia. NeuroImage, 2009, 47, 1163-1171.	2.1	44

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55	Multi-manifold diffeomorphic metric mapping for aligning cortical hemispheric surfaces. NeuroImage, 2010, 49, 355-365.	2.1	44
56	Atlas Generation for Subcortical and Ventricular Structures With Its Applications in Shape Analysis. IEEE Transactions on Image Processing, 2010, 19, 1539-1547.	6.0	43
57	Ageâ€related vulnerabilities along the hippocampal longitudinal axis. Human Brain Mapping, 2012, 33, 2415-2427.	1.9	43
58	Variations in Eye Volume, Surface Area, and Shape with Refractive Error in Young Children by Magnetic Resonance Imaging Analysis. , 2011, 52, 8878.		42
59	The impact of genome wide supported microRNAâ€137 (MIR137) risk variants on frontal and striatal white matter integrity, neurocognitive functioning, and negative symptoms in schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 317-326.	1.1	42
60	A review on neuroimaging studies of genetic and environmental influences on early brain development. NeuroImage, 2019, 185, 802-812.	2.1	42
61	Regionâ€ofâ€interestâ€based analysis with application of cortical thickness variation of left planum temporale in schizophrenia and psychotic bipolar disorder. Human Brain Mapping, 2008, 29, 973-985.	1.9	41
62	Arcuate Fasciculus Abnormalities and Their Relationship with Psychotic Symptoms in Schizophrenia. PLoS ONE, 2012, 7, e29315.	1.1	41
63	Evolution of hippocampal shapes across the human lifespan. Human Brain Mapping, 2013, 34, 3075-3085.	1.9	41
64	Abnormalities of cortical thickness, subcortical shapes, and white matter integrity in subcortical vascular cognitive impairment. Human Brain Mapping, 2014, 35, 2320-2332.	1.9	39
65	Functional Networks in Parallel with Cortical Development Associate with Executive Functions in Children. Cerebral Cortex, 2014, 24, 1937-1947.	1.6	37
66	FKBP5 Moderates the Association between Antenatal Maternal Depressive Symptoms and Neonatal Brain Morphology. Neuropsychopharmacology, 2018, 43, 564-570.	2.8	37
67	CSF and Brain Structural Imaging Markers of the Alzheimer's Pathological Cascade. PLoS ONE, 2012, 7, e47406.	1.1	36
68	Amygdalaâ€“hippocampal shape and cortical thickness abnormalities in first-episode schizophrenia and mania. Psychological Medicine, 2013, 43, 1353-1363.	2.7	36
69	Spectral Laplace-Beltrami Wavelets With Applications in Medical Images. IEEE Transactions on Medical Imaging, 2015, 34, 1005-1017.	5.4	35
70	Diffeomorphic Metric Mapping of High Angular Resolution Diffusion Imaging Based on Riemannian Structure of Orientation Distribution Functions. IEEE Transactions on Medical Imaging, 2012, 31, 1021-1033.	5.4	34
71	Large Deformation Multiresolution Diffeomorphic Metric Mapping for Multiresolution Cortical Surfaces: A Coarse-to-Fine Approach. IEEE Transactions on Image Processing, 2016, 25, 4061-4074.	6.0	34
72	A posterior-to-anterior shift of brain functional dynamics in aging. Brain Structure and Function, 2017, 222, 3665-3676.	1.2	34

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73	A Comprehensive Analysis of Connectivity and Aging Over the Adult Life Span. Brain Connectivity, 2016, 6, 169-185.	0.8	33
74	Working memory, age and education: A lifespan fMRI study. PLoS ONE, 2018, 13, e0194878.	1.1	33
75	Genomeâ€wide supported psychosis risk variant in ZNF804A gene and impact on corticoâ€“limbic WM integrity in schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2012, 159B, 255-262.	1.1	32
76	Neonatal neural networks predict children behavioral profiles later in life. Human Brain Mapping, 2017, 38, 1362-1373.	1.9	32
77	Morphology and microstructure of subcortical structures at birth: A large-scale Asian neonatal neuroimaging study. NeuroImage, 2013, 65, 315-323.	2.1	31
78	Less depressive symptoms are associated with smaller hippocampus in subjective memory impairment. Archives of Gerontology and Geriatrics, 2013, 57, 110-115.	1.4	29
79	Parental and social factors in relation to child psychopathology, behavior, and cognitive function. Translational Psychiatry, 2020, 10, 80.	2.4	29
80	Principal Component Based Diffeomorphic Surface Mapping. IEEE Transactions on Medical Imaging, 2012, 31, 302-311.	5.4	27
81	Neurocognitive-genetic and neuroimaging-genetic research paradigms in schizophrenia and bipolar disorder. Journal of Neural Transmission, 2011, 118, 1621-1639.	1.4	26
82	ANXIETY AND DEPRESSION DURING PREGNANCY AND TEMPERAMENT IN EARLY INFANCY: FINDINGS FROM A MULTIâ€ETHNIC, ASIAN, PROSPECTIVE BIRTH COHORT STUDY. Infant Mental Health Journal, 2016, 37, 584-598.	0.7	26
83	A multi-resolution scheme for distortion-minimizing mapping between human subcortical structures based on geodesic construction on Riemannian manifolds. NeuroImage, 2011, 57, 1376-1392.	2.1	25
84	Age-Related Decline in Associative Learning in Healthy Chinese Adults. PLoS ONE, 2013, 8, e80648.	1.1	25
85	Gestational Age and Neonatal Brain Microstructure in Term Born Infants: A Birth Cohort Study. PLoS ONE, 2014, 9, e115229.	1.1	25
86	Executive Functions of Six-Year-Old Boys with Normal Birth Weight and Gestational Age. PLoS ONE, 2012, 7, e36502.	1.1	25
87	Adaptation of Brain Functional and Structural Networks in Aging. PLoS ONE, 2015, 10, e0123462.	1.1	25
88	Maternal sensitivity predicts anterior hippocampal functional networks in early childhood. Brain Structure and Function, 2019, 224, 1885-1895.	1.2	24
89	Maternal care in infancy and the course of limbic development. Developmental Cognitive Neuroscience, 2019, 40, 100714.	1.9	23
90	Multi-label segmentation of white matter structures: Application to neonatal brains. NeuroImage, 2014, 102, 913-922.	2.1	22

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91	Cerebellar Functional Parcellation Using Sparse Dictionary Learning Clustering. Frontiers in Neuroscience, 2016, 10, 188.	1.4	22
92	Asynchronous Development of Cerebellar, Cerebello-Cortical, and Cortico-Cortical Functional Networks in Infancy, Childhood, and Adulthood. Cerebral Cortex, 2017, 27, 5170-5184.	1.6	22
93	Maternal Anxiety, Parenting Stress, and Preschoolers' Behavior Problems: The Role of Child Self-Regulation. Journal of Developmental and Behavioral Pediatrics, 2019, 40, 696-705.	0.6	22
94	Surface-Based Analysis on Shape and Fractional Anisotropy of White Matter Tracts in Alzheimer's Disease. PLoS ONE, 2010, 5, e9811.	1.1	22
95	Cortical Hemisphere Registration Via Large Deformation Diffeomorphic Metric Curve Mapping. , 2007, 10, 186-193.		21
96	Eye size and shape in newborn children and their relation to axial length and refraction at 3Âyears. Ophthalmic and Physiological Optics, 2015, 35, 414-423.	1.0	20
97	Intrinsic and extrinsic analysis in computational anatomy. NeuroImage, 2008, 39, 1803-1814.	2.1	19
98	Spatial and temporal reproducibility-based ranking of the independent components of BOLD fMRI data. NeuroImage, 2009, 46, 1041-1054.	2.1	19
99	Fast Polynomial Approximation of Heat Kernel Convolution on Manifolds and Its Application to Brain Sulcal and Gyral Graph Pattern Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 2201-2212.	5.4	19
100	Distinct Aging Effects on Functional Networks in Good and Poor Cognitive Performers. Frontiers in Aging Neuroscience, 2016, 8, 215.	1.7	18
101	Analysis of Item-Level Bias in the Bayley-III Language Subscales: The Validity and Utility of Standardized Language Assessment in a Multilingual Setting. Journal of Speech, Language, and Hearing Research, 2017, 60, 2663-2671.	0.7	18
102	A stochastic model for studying the laminar structure of cortex from MRI. IEEE Transactions on Medical Imaging, 2005, 24, 728-742.	5.4	17
103	Maternal PUFA status and offspring allergic diseases up to the age of 18 months. British Journal of Nutrition, 2015, 113, 975-983.	1.2	17
104	Greater caregiving risk, better infant memory performance?. Hippocampus, 2018, 28, 497-511.	0.9	17
105	Developmental synchrony of thalamocortical circuits in the neonatal brain. NeuroImage, 2015, 116, 168-176.	2.1	16
106	Singaporean Mothersâ€™ Perception of Their Three-year-old Childâ€™s Weight Status: A Cross-Sectional Study. PLoS ONE, 2016, 11, e0147563.	1.1	16
107	Functional and structural networks of lateral and medial orbitofrontal cortex as potential neural pathways for depression in childhood. Depression and Anxiety, 2019, 36, 365-374.	2.0	16
108	The NeuroAiD II (MLC901) in Vascular Cognitive Impairment Study (NEURITES). Cerebrovascular Diseases, 2013, 35, 23-29.	0.8	15

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109	Effects of the Neurogranin Variant rs12807809 on Thalamocortical Morphology in Schizophrenia. PLoS ONE, 2013, 8, e85603.	1.1	15
110	An initial investigation of neonatal neuroanatomy, caregiving, and levels of disorganized behavior. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16787-16792.	3.3	15
111	Distribution and Determinants of Eye Size and Shape in Newborn Children: A Magnetic Resonance Imaging Analysis. , 2013, 54, 4791.		14
112	Geodesic regression on orientation distribution functions with its application to an aging study. NeuroImage, 2014, 87, 416-426.	2.1	14
113	Long-term Influences of Prenatal Maternal Depressive Symptoms on the Amygdalaâ€“Prefrontal Circuitry of the Offspring From Birth to Early Childhood. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 940-947.	1.1	14
114	Neonatal amygdalae and hippocampi are influenced by genotype and prenatal environment, and reflected in the neonatal DNA methylome. Genes, Brain and Behavior, 2019, 18, e12576.	1.1	14
115	Centering inclusivity in the design of online conferencesâ€”An OHBMâ€“Open Science perspective. GigaScience, 2021, 10, .	3.3	14
116	A Set-Based Mixed Effect Model for Gene-Environment Interaction and Its Application to Neuroimaging Phenotypes. Frontiers in Neuroscience, 2017, 11, 191.	1.4	13
117	Functional connectivity of resting-state, working memory and inhibition networks in perceived stress. Neurobiology of Stress, 2018, 8, 186-201.	1.9	13
118	Sex-Dependent Associations among Maternal Depressive Symptoms, Child Reward Network, and Behaviors in Early Childhood. Cerebral Cortex, 2020, 30, 901-912.	1.6	13
119	Inflammatory modulation of the associations between prenatal maternal depression and neonatal brain. Neuropsychopharmacology, 2021, 46, 470-477.	2.8	13
120	Canonical TGF-Î² signaling regulates the relationship between prenatal maternal depression and amygdala development in early life. Translational Psychiatry, 2021, 11, 170.	2.4	13
121	Birth weight and gestation influence striatal morphology and motor response in normal six-year-old boys. NeuroImage, 2012, 59, 1065-1070.	2.1	12
122	Caffeine intake and cognitive functions in children. Psychopharmacology, 2020, 237, 3109-3116.	1.5	12
123	Locally Linear Diffeomorphic Metric Embedding (LLDME) for surface-based anatomical shape modeling. NeuroImage, 2011, 56, 149-161.	2.1	11
124	Inattention and Hyperactivity Predict Alterations in Specific Neural Circuits Among 6-Year-Old Boys. Journal of the American Academy of Child and Adolescent Psychiatry, 2012, 51, 632-641.	0.3	11
125	Spatio-temporal directed acyclic graph learning with attention mechanisms on brain functional time series and connectivity. Medical Image Analysis, 2022, 77, 102370.	7.0	11
126	Basal Ganglia Shapes Predict Social, Communication, and Motor Dysfunctions in Boys With Autism Spectrum Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 539-551e4.	0.3	10

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127	Topography of cortical thinning areas associated with hippocampal atrophy (HA) in patients with Alzheimer's disease (AD). Archives of Gerontology and Geriatrics, 2012, 54, e122-e129.	1.4	10
128	Modulative effects of COMT haplotype on age-related associations with brain morphology. Human Brain Mapping, 2016, 37, 2068-2082.	1.9	10
129	Cerebellar development and its mediation role in cognitive planning in childhood. Human Brain Mapping, 2018, 39, 5074-5084.	1.9	10
130	Maternal sensitivity during infancy and the regulation of startle in preschoolers. Attachment and Human Development, 2020, 22, 207-224.	1.2	10
131	Large Deformation Diffeomorphic Metric Mapping of Orientation Distribution Functions. Lecture Notes in Computer Science, 2011, 22, 448-462.	1.0	10
132	Structure-function coupling within the reward network in preschool children predicts executive functioning in later childhood. Developmental Cognitive Neuroscience, 2022, 55, 101107.	1.9	10
133	Multiple modeling in the study of interaction of hemodynamics and gas exchange. Computers in Biology and Medicine, 2001, 31, 59-72.	3.9	9
134	Behavioral Heterogeneity in Relation with Brain Functional Networks in Young Children. Cerebral Cortex, 2018, 28, 3322-3331.	1.6	9
135	Cortical Development Mediates Association of Prenatal Maternal Depressive Symptoms and Child Reward Sensitivity: A Longitudinal Study. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 392-401.	0.3	9
136	Infant night sleep trajectory from age 3â€“24 months: evidence from the Singapore GUSTO study. Sleep Medicine, 2017, 33, 82-84.	0.8	8
137	The influence of CHRNA4 , COMT , and maternal sensitivity on orienting and executive attention in 6-month-old infants. Brain and Cognition, 2017, 116, 17-28.	0.8	8
138	Psychiatric polygenic risk associates with cortical morphology and functional organization in aging. Translational Psychiatry, 2017, 7, 1276.	2.4	8
139	Improving mass-univariate analysis of neuroimaging data by modelling important unknown covariates: Application to Epigenome-Wide Association Studies. NeuroImage, 2018, 173, 57-71.	2.1	8
140	Do intrinsic brain functional networks predict working memory from childhood to adulthood?. Human Brain Mapping, 2020, 41, 4574-4586.	1.9	8
141	Spatio-temporal correlates of gene expression and cortical morphology across lifespan and aging. NeuroImage, 2021, 224, 117426.	2.1	8
142	Maternal Adverse Childhood Experience and Depression in Relation with Brain Network Development and Behaviors in Children: A Longitudinal Study. Cerebral Cortex, 2021, 31, 4233-4244.	1.6	8
143	Fast mesh data augmentation via Chebyshev polynomial of spectral filtering. Neural Networks, 2021, 143, 198-208.	3.3	8
144	Brain Magnetic Resonance Imaging Characteristics of Anti-Leucine-Rich Glioma-Inactivated 1 Encephalitis and Their Clinical Relevance: A Single-Center Study in China. Frontiers in Neurology, 2020, 11, 618109.	1.1	8

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145	Approximations of the Diffeomorphic Metric and Their Applications in Shape Learning. Lecture Notes in Computer Science, 2011, 22, 257-270.	1.0	8
146	Integrated structural and functional atlases of Asian children from infancy to childhood. NeuroImage, 2021, 245, 118716.	2.1	8
147	Predicting diagnosis 4Âyears prior to Alzheimerâ€™s disease incident. NeuroImage: Clinical, 2022, 34, 102993.	1.4	8
148	Looking Behavior at Test and Relational Memory in 6â€Monthâ€Old Infants. Infancy, 2015, 20, 18-41.	0.9	7
149	Fronto-parietal numerical networks in relation with early numeracy in young children. Brain Structure and Function, 2019, 224, 263-275.	1.2	7
150	Spatial correlation maps of the hippocampus with <scp>cerebrospinal fluid</scp> biomarkers and cognition in Alzheimer's disease: A longitudinal study. Human Brain Mapping, 2021, 42, 2931-2940.	1.9	7
151	Revisiting convolutional neural network on graphs with polynomial approximations of Laplaceâ€“Beltrami spectral filtering. Neural Computing and Applications, 2021, 33, 13693-13704.	3.2	7
152	Interindividual variability in functional connectivity discovers differential development of cognition and transdiagnostic dimensions of psychopathology in youth. NeuroImage, 2022, 260, 119482.	2.1	6
153	Diffeomorphic metric mapping and probabilistic atlas generation of hybrid diffusion imaging based on BFOR signal basis. Medical Image Analysis, 2014, 18, 1002-1014.	7.0	5
154	Mitigation of a Prospective Association Between Early Language Delay at Toddlerhood and ADHD Among Bilingual Preschoolers: Evidence from the GUSTO Cohort. Journal of Abnormal Child Psychology, 2020, 48, 511-523.	3.5	5
155	Common functional brain networks between attention deficit and disruptive behaviors in youth. NeuroImage, 2021, 245, 118732.	2.1	5
156	Multiscale Frame-Based Kernels for Large Deformation Diffeomorphic Metric Mapping. IEEE Transactions on Medical Imaging, 2018, 37, 2344-2355.	5.4	4
157	Neural Transcription Correlates of Multimodal Cortical Phenotypes during Development. Cerebral Cortex, 2020, 30, 2740-2754.	1.6	4
158	Cognition. World Review of Nutrition and Dietetics, 2016, 114, 66-83.	0.1	3
159	Trade-off of cerebello-cortical and cortico-cortical functional networks for planning in 6-year-old children. NeuroImage, 2018, 176, 510-517.	2.1	3
160	Maternal antenatal anxiety and electrophysiological functioning amongst a sub-set of preschoolers participating in the GUSTO cohort. BMC Psychiatry, 2020, 20, 62.	1.1	3
161	Quantification of regional myocardial mean intracellular water lifetime: A nonhuman primate study in myocardial stress. NMR in Biomedicine, 2020, 33, e4248.	1.6	3
162	Neonatal amygdala microstructure mediates the relationship between gestational glycemia and offspring adiposity. BMJ Open Diabetes Research and Care, 2021, 9, e001396.	1.2	3

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163	Fast vertex-based graph convolutional neural network and its application to brain images. Neurocomputing, 2021, 434, 1-10.	3.5	3
164	Left lateralization of neonatal caudate microstructure affects emerging language development at 24â€‰months. European Journal of Neuroscience, 2021, 54, 4621-4637.	1.2	3
165	Line Scan Spatial Speckle Contrast Imaging and Its Application in Blood Flow Imaging. Applied Sciences (Switzerland), 2021, 11, 10969.	1.3	3
166	Localizing Retinotopic fMRI Activation in Human Primary Visual Cortex via Dynamic Programming. , 2005, 2005, 1313-6.		2
167	Individualized diffeomorphic mapping of brains with large cortical infarcts. Magnetic Resonance Imaging, 2015, 33, 110-123.	1.0	2
168	Child brain growth standard: age and ethnicity dependent. Science Bulletin, 2020, 65, 1874-1875.	4.3	2
169	Cognitive flexibility in preschoolers: A role for the late frontal negativity (LFN). Cognitive Development, 2022, 63, 101200.	0.7	2
170	Association of increased abdominal adiposity at birth with altered ventral caudate microstructure. International Journal of Obesity, 2021, 45, 2396-2403.	1.6	1
171	Optical breast atlas as a testbed for image reconstruction in optical mammography. Scientific Data, 2021, 8, 257.	2.4	1
172	Diffeomorphic Metric Mapping of Hybrid Diffusion Imaging Based on BFOR Signal Basis. Lecture Notes in Computer Science, 2013, 23, 147-158.	1.0	1
173	Bayesian Atlas Estimation from High Angular Resolution Diffusion Imaging (HARDI). Lecture Notes in Computer Science, 2013, , 149-157.	1.0	1
174	Multiresolution Diffeomorphic Mapping for Cortical Surfaces. Lecture Notes in Computer Science, 2015, 24, 315-326.	1.0	1
175	Chinese adult brain atlas with functional and white matter parcellation. Scientific Data, 2022, 9, .	2.4	1
176	Interaction of hemodynamics and gas exchange: a computer simulation. , 0, , .		0
177	Integrative diffeomorphic metric mapping based on image and unlabeled points. , 2011, , .		0
178	Diffeomorphic cortical surface mapping and its comparison with spherical cortical mapping. , 2011, , .		0
179	Fast Polynomial Approximation to Heat Diffusion in Manifolds. Lecture Notes in Computer Science, 2019, , 48-56.	1.0	0
180	Neonatal brain and physiological reactivity in preschoolers: An initial investigation in an Asian sample. Journal of Psychiatric Research, 2021, 146, 219-219.	1.5	0