

Anqi Qiu

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172
papers

5,203
citations

42
h-index

65
g-index

180
ext. papers

6,173
ext. citations

5.9
avg, IF

5.65
L-index

#	Paper	IF	Citations
172	Cohort profile: Growing Up in Singapore Towards healthy Outcomes (GUSTO) birth cohort study. <i>International Journal of Epidemiology</i> , 2014 , 43, 1401-9	7.8	278
171	Basal ganglia volume and shape in children with attention deficit hyperactivity disorder. <i>American Journal of Psychiatry</i> , 2009 , 166, 74-82	11.9	180
170	Prenatal maternal depression associates with microstructure of right amygdala in neonates at birth. <i>Biological Psychiatry</i> , 2013 , 74, 837-44	7.9	173
169	Prenatal maternal depression alters amygdala functional connectivity in 6-month-old infants. <i>Translational Psychiatry</i> , 2015 , 5, e508	8.6	158
168	Large Deformation Diffeomorphic Metric Curve Mapping. <i>International Journal of Computer Vision</i> , 2008 , 80, 317-336	10.6	133
167	Diffusion tensor imaging for understanding brain development in early life. <i>Annual Review of Psychology</i> , 2015 , 66, 853-76	26.1	129
166	Regional shape abnormalities in mild cognitive impairment and Alzheimer's disease. <i>NeuroImage</i> , 2009 , 45, 656-61	7.9	127
165	Smooth functional and structural maps on the neocortex via orthonormal bases of the Laplace-Beltrami operator. <i>IEEE Transactions on Medical Imaging</i> , 2006 , 25, 1296-306	11.7	97
164	Basal ganglia shapes predict social, communication, and motor dysfunctions in boys with autism spectrum disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010 , 49, 539-51, 551.e1-4	7.2	86
163	Relationships of maternal folate and vitamin B12 status during pregnancy with perinatal depression: The GUSTO study. <i>Journal of Psychiatric Research</i> , 2014 , 55, 110-6	5.2	84
162	Multi-structure network shape analysis via normal surface momentum maps. <i>NeuroImage</i> , 2008 , 42, 1430-8	7.9	81
161	Diffeomorphic metric surface mapping in subregion of the superior temporal gyrus. <i>NeuroImage</i> , 2007 , 34, 1149-59	7.9	79
160	Gabor analysis of auditory midbrain receptive fields: spectro-temporal and binaural composition. <i>Journal of Neurophysiology</i> , 2003 , 90, 456-76	3.2	79
159	Antenatal maternal anxiety predicts variations in neural structures implicated in anxiety disorders in newborns. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015 , 54, 313-21.e2	7.2	77
158	Structural connectivity asymmetry in the neonatal brain. <i>NeuroImage</i> , 2013 , 75, 187-194	7.9	73
157	Robust automatic rodent brain extraction using 3-D pulse-coupled neural networks (PCNN). <i>IEEE Transactions on Image Processing</i> , 2011 , 20, 2554-64	8.7	73
156	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. <i>NeuroImage</i> , 2008 , 40, 68-76	7.9	72

155	Correction of B0 susceptibility induced distortion in diffusion-weighted images using large-deformation diffeomorphic metric mapping. <i>Magnetic Resonance Imaging</i> , 2008 , 26, 1294-302	3.3	72
154	COMT haplotypes modulate associations of antenatal maternal anxiety and neonatal cortical morphology. <i>American Journal of Psychiatry</i> , 2015 , 172, 163-72	11.9	68
153	Effects of Antenatal Maternal Depressive Symptoms and Socio-Economic Status on Neonatal Brain Development are Modulated by Genetic Risk. <i>Cerebral Cortex</i> , 2017 , 27, 3080-3092	5.1	67
152	Regionally specific white matter disruptions of fornix and cingulum in schizophrenia. <i>PLoS ONE</i> , 2011 , 6, e18652	3.7	67
151	Whole brain diffeomorphic metric mapping via integration of sulcal and gyral curves, cortical surfaces, and images. <i>NeuroImage</i> , 2011 , 56, 162-73	7.9	65
150	Prevalence of cognitive impairment in Chinese: epidemiology of dementia in Singapore study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 686-92	5.5	63
149	The emerging discipline of Computational Functional Anatomy. <i>NeuroImage</i> , 2009 , 45, S16-39	7.9	60
148	APOE related hippocampal shape alteration in geriatric depression. <i>NeuroImage</i> , 2009 , 44, 620-6	7.9	59
147	Brain-derived neurotrophic factor (BDNF) Val66Met polymorphism influences the association of the methylome with maternal anxiety and neonatal brain volumes. <i>Development and Psychopathology</i> , 2015 , 27, 137-50	4.3	57
146	Hippocampal-cortical structural connectivity disruptions in schizophrenia: an integrated perspective from hippocampal shape, cortical thickness, and integrity of white matter bundles. <i>NeuroImage</i> , 2010 , 52, 1181-9	7.9	57
145	Abnormalities of cingulate gyrus neuroanatomy in schizophrenia. <i>Schizophrenia Research</i> , 2007 , 93, 66-78.6		57
144	Estimating linear cortical magnification in human primary visual cortex via dynamic programming. <i>NeuroImage</i> , 2006 , 31, 125-38	7.9	55
143	Maternal sensitivity, infant limbic structure volume and functional connectivity: a preliminary study. <i>Translational Psychiatry</i> , 2015 , 5, e668	8.6	54
142	Volume reduction in subcortical regions according to severity of Alzheimer's disease. <i>Journal of Neurology</i> , 2011 , 258, 1013-20	5.5	51
141	Emotional expressions in voice and music: same code, same effect?. <i>Human Brain Mapping</i> , 2013 , 34, 1796-810	5.9	50
140	Atlas-based automatic mouse brain image segmentation revisited: model complexity vs. image registration. <i>Magnetic Resonance Imaging</i> , 2012 , 30, 789-98	3.3	47
139	Quantitative evaluation of LDDMM, FreeSurfer, and CARET for cortical surface mapping. <i>NeuroImage</i> , 2010 , 52, 131-41	7.9	47
138	Neuroanatomical asymmetry patterns in individuals with schizophrenia and their non-psychotic siblings. <i>NeuroImage</i> , 2009 , 47, 1221-9	7.9	47

137	Perinatal maternal depressive symptoms alter amygdala functional connectivity in girls. <i>Human Brain Mapping</i> , 2018 , 39, 680-690	5.9	45
136	Ethnic differences translate to inadequacy of high-risk screening for gestational diabetes mellitus in an Asian population: a cohort study. <i>BMC Pregnancy and Childbirth</i> , 2014 , 14, 345	3.2	44
135	Multi-stage segmentation of white matter hyperintensity, cortical and lacunar infarcts. <i>NeuroImage</i> , 2012 , 60, 2379-88	7.9	43
134	Silent stroke: not listened to rather than silent. <i>Stroke</i> , 2012 , 43, 3102-4	6.7	43
133	Time sequence diffeomorphic metric mapping and parallel transport track time-dependent shape changes. <i>NeuroImage</i> , 2009 , 45, S51-60	7.9	43
132	Combining anatomical manifold information via diffeomorphic metric mappings for studying cortical thinning of the cingulate gyrus in schizophrenia. <i>NeuroImage</i> , 2007 , 37, 821-33	7.9	43
131	Transport of Relational Structures in Groups of Diffeomorphisms. <i>Journal of Mathematical Imaging and Vision</i> , 2008 , 32, 41-56	1.6	42
130	Pre- and Post-Natal Maternal Depressive Symptoms in Relation with Infant Frontal Function, Connectivity, and Behaviors. <i>PLoS ONE</i> , 2016 , 11, e0152991	3.7	42
129	Association of silent lacunar infarct with brain atrophy and cognitive impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 1219-25	5.5	41
128	Multi-manifold diffeomorphic metric mapping for aligning cortical hemispheric surfaces. <i>NeuroImage</i> , 2010 , 49, 355-65	7.9	41
127	Combined analyses of thalamic volume, shape and white matter integrity in first-episode schizophrenia. <i>NeuroImage</i> , 2009 , 47, 1163-71	7.9	41
126	Atlas generation for subcortical and ventricular structures with its applications in shape analysis. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 1539-47	8.7	40
125	Collaborative computational anatomy: an MRI morphometry study of the human brain via diffeomorphic metric mapping. <i>Human Brain Mapping</i> , 2009 , 30, 2132-41	5.9	40
124	Population differences in brain morphology and microstructure among Chinese, Malay, and Indian neonates. <i>PLoS ONE</i> , 2012 , 7, e47816	3.7	39
123	Infant feeding effects on early neurocognitive development in Asian children. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 326-36	7	38
122	Manifold learning on brain functional networks in aging. <i>Medical Image Analysis</i> , 2015 , 20, 52-60	15.4	37
121	The impact of genome wide supported microRNA-137 (MIR137) risk variants on frontal and striatal white matter integrity, neurocognitive functioning, and negative symptoms in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2015 , 168B, 317-26	3.5	36
120	Age-related vulnerabilities along the hippocampal longitudinal axis. <i>Human Brain Mapping</i> , 2012 , 33, 2415-27	5.9	36

119	Region-of-interest-based analysis with application of cortical thickness variation of left planum temporale in schizophrenia and psychotic bipolar disorder. <i>Human Brain Mapping</i> , 2008 , 29, 973-85	5.9	36
118	Unified heat kernel regression for diffusion, kernel smoothing and wavelets on manifolds and its application to mandible growth modeling in CT images. <i>Medical Image Analysis</i> , 2015 , 22, 63-76	15.4	35
117	Evolution of hippocampal shapes across the human lifespan. <i>Human Brain Mapping</i> , 2013 , 34, 3075-85	5.9	34
116	Arcuate fasciculus abnormalities and their relationship with psychotic symptoms in schizophrenia. <i>PLoS ONE</i> , 2012 , 7, e29315	3.7	34
115	Variations in eye volume, surface area, and shape with refractive error in young children by magnetic resonance imaging analysis 2011 , 52, 8878-83		34
114	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. <i>PLoS ONE</i> , 2015 , 10, e0142239	3.7	33
113	Cortical graph neural network for AD and MCI diagnosis and transfer learning across populations. <i>NeuroImage: Clinical</i> , 2019 , 23, 101929	5.3	32
112	CSF and brain structural imaging markers of the Alzheimer's pathological cascade. <i>PLoS ONE</i> , 2012 , 7, e47406	3.7	32
111	Automated quality assessment of structural magnetic resonance images in children: Comparison with visual inspection and surface-based reconstruction. <i>Human Brain Mapping</i> , 2018 , 39, 1218-1231	5.9	31
110	FKBP5 Moderates the Association between Antenatal Maternal Depressive Symptoms and Neonatal Brain Morphology. <i>Neuropsychopharmacology</i> , 2018 , 43, 564-570	8.7	30
109	Abnormalities of cortical thickness, subcortical shapes, and white matter integrity in subcortical vascular cognitive impairment. <i>Human Brain Mapping</i> , 2014 , 35, 2320-32	5.9	30
108	Spectral Laplace-Beltrami wavelets with applications in medical images. <i>IEEE Transactions on Medical Imaging</i> , 2015 , 34, 1005-17	11.7	29
107	Genome-wide supported psychosis risk variant in ZNF804A gene and impact on cortico-limbic WM integrity in schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2012 , 159B, 255-62	3.5	29
106	Amygdala-hippocampal shape and cortical thickness abnormalities in first-episode schizophrenia and mania. <i>Psychological Medicine</i> , 2013 , 43, 1353-63	6.9	29
105	The Influence of Gestational Diabetes on Neurodevelopment of Children in the First Two Years of Life: A Prospective Study. <i>PLoS ONE</i> , 2016 , 11, e0162113	3.7	29
104	Functional networks in parallel with cortical development associate with executive functions in children. <i>Cerebral Cortex</i> , 2014 , 24, 1937-47	5.1	28
103	Large Deformation Multiresolution Diffeomorphic Metric Mapping for Multiresolution Cortical Surfaces: A Coarse-to-Fine Approach. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 4061-74	8.7	26
102	Diffeomorphic metric mapping of high angular resolution diffusion imaging based on Riemannian structure of orientation distribution functions. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 1021-33	11.7	26

101	A review on neuroimaging studies of genetic and environmental influences on early brain development. <i>NeuroImage</i> , 2019 , 185, 802-812	7.9	26
100	Principal component based diffeomorphic surface mapping. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 302-11	11.7	25
99	Executive functions of six-year-old boys with normal birth weight and gestational age. <i>PLoS ONE</i> , 2012 , 7, e36502	3.7	25
98	Morphology and microstructure of subcortical structures at birth: a large-scale Asian neonatal neuroimaging study. <i>NeuroImage</i> , 2013 , 65, 315-23	7.9	24
97	Neurocognitive-genetic and neuroimaging-genetic research paradigms in schizophrenia and bipolar disorder. <i>Journal of Neural Transmission</i> , 2011 , 118, 1621-39	4.3	22
96	A Comprehensive Analysis of Connectivity and Aging Over the Adult Life Span. <i>Brain Connectivity</i> , 2016 , 6, 169-85	2.7	21
95	Gestational age and neonatal brain microstructure in term born infants: a birth cohort study. <i>PLoS ONE</i> , 2014 , 9, e115229	3.7	21
94	Age-related decline in associative learning in healthy Chinese adults. <i>PLoS ONE</i> , 2013 , 8, e80648	3.7	21
93	A multi-resolution scheme for distortion-minimizing mapping between human subcortical structures based on geodesic construction on Riemannian manifolds. <i>NeuroImage</i> , 2011 , 57, 1376-92	7.9	21
92	Neonatal neural networks predict children behavioral profiles later in life. <i>Human Brain Mapping</i> , 2017 , 38, 1362-1373	5.9	20
91	Adaptation of brain functional and structural networks in aging. <i>PLoS ONE</i> , 2015 , 10, e0123462	3.7	20
90	ANXIETY AND DEPRESSION DURING PREGNANCY AND TEMPERAMENT IN EARLY INFANCY: FINDINGS FROM A MULTI-ETHNIC, ASIAN, PROSPECTIVE BIRTH COHORT STUDY. <i>Infant Mental Health Journal</i> , 2016 , 37, 584-98	2.3	19
89	Less depressive symptoms are associated with smaller hippocampus in subjective memory impairment. <i>Archives of Gerontology and Geriatrics</i> , 2013 , 57, 110-5	4	19
88	Surface-based analysis on shape and fractional anisotropy of white matter tracts in Alzheimer's disease. <i>PLoS ONE</i> , 2010 , 5, e9811	3.7	19
87	Working memory, age and education: A lifespan fMRI study. <i>PLoS ONE</i> , 2018 , 13, e0194878	3.7	19
86	A posterior-to-anterior shift of brain functional dynamics in aging. <i>Brain Structure and Function</i> , 2017 , 222, 3665-3676	4	18
85	Cortical hemisphere registration via large deformation diffeomorphic metric curve mapping 2007 , 10, 186-93		18
84	Multi-label segmentation of white matter structures: application to neonatal brains. <i>NeuroImage</i> , 2014 , 102 Pt 2, 913-22	7.9	16

83	Spatial and temporal reproducibility-based ranking of the independent components of BOLD fMRI data. <i>NeuroImage</i> , 2009 , 46, 1041-54	7.9	16
82	Intrinsic and extrinsic analysis in computational anatomy. <i>NeuroImage</i> , 2008 , 39, 1803-14	7.9	16
81	Maternal sensitivity predicts anterior hippocampal functional networks in early childhood. <i>Brain Structure and Function</i> , 2019 , 224, 1885-1895	4	14
80	Maternal PUFA status and offspring allergic diseases up to the age of 18 months. <i>British Journal of Nutrition</i> , 2015 , 113, 975-83	3.6	14
79	Maternal care in infancy and the course of limbic development. <i>Developmental Cognitive Neuroscience</i> , 2019 , 40, 100714	5.5	14
78	Analysis of Item-Level Bias in the Bayley-III Language Subscales: The Validity and Utility of Standardized Language Assessment in a Multilingual Setting. <i>Journal of Speech, Language, and Hearing Research</i> , 2017 , 60, 2663-2671	2.8	14
77	Effects of the neurogranin variant rs12807809 on thalamocortical morphology in schizophrenia. <i>PLoS ONE</i> , 2013 , 8, e85603	3.7	14
76	A stochastic model for studying the laminar structure of cortex from MRI. <i>IEEE Transactions on Medical Imaging</i> , 2005 , 24, 728-42	11.7	13
75	Fast Polynomial Approximation of Heat Kernel Convolution on Manifolds and Its Application to Brain Sulcal and Gyral Graph Pattern Analysis. <i>IEEE Transactions on Medical Imaging</i> , 2020 , 39, 2201-2212	11.7	12
74	Greater caregiving risk, better infant memory performance?. <i>Hippocampus</i> , 2018 , 28, 497-511	3.5	12
73	Asynchronous Development of Cerebellar, Cerebello-Cortical, and Cortico-Cortical Functional Networks in Infancy, Childhood, and Adulthood. <i>Cerebral Cortex</i> , 2017 , 27, 5170-5184	5.1	12
72	Geodesic regression on orientation distribution functions with its application to an aging study. <i>NeuroImage</i> , 2014 , 87, 416-26	7.9	12
71	Eye size and shape in newborn children and their relation to axial length and refraction at 3 years. <i>Ophthalmic and Physiological Optics</i> , 2015 , 35, 414-23	4.1	12
70	Developmental synchrony of thalamocortical circuits in the neonatal brain. <i>NeuroImage</i> , 2015 , 116, 168-769		12
69	Distribution and determinants of eye size and shape in newborn children: a magnetic resonance imaging analysis 2013 , 54, 4791-7		12
68	Distinct Aging Effects on Functional Networks in Good and Poor Cognitive Performers. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 215	5.3	12
67	Cerebellar Functional Parcellation Using Sparse Dictionary Learning Clustering. <i>Frontiers in Neuroscience</i> , 2016 , 10, 188	5.1	12
66	Neonatal amygdalae and hippocampi are influenced by genotype and prenatal environment, and reflected in the neonatal DNA methylome. <i>Genes, Brain and Behavior</i> , 2019 , 18, e12576	3.6	11

65	An initial investigation of neonatal neuroanatomy, caregiving, and levels of disorganized behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16787-16792	11.5	11
64	The NeuroAiD II (MLC901) in vascular cognitive impairment study (NEURITES). <i>Cerebrovascular Diseases</i> , 2013 , 35 Suppl 1, 23-9	3.2	11
63	Birth weight and gestation influence striatal morphology and motor response in normal six-year-old boys. <i>NeuroImage</i> , 2012 , 59, 1065-70	7.9	11
62	Maternal Anxiety, Parenting Stress, and Preschoolers' Behavior Problems: The Role of Child Self-Regulation. <i>Journal of Developmental and Behavioral Pediatrics</i> , 2019 , 40, 696-705	2.4	11
61	A Set-Based Mixed Effect Model for Gene-Environment Interaction and Its Application to Neuroimaging Phenotypes. <i>Frontiers in Neuroscience</i> , 2017 , 11, 191	5.1	10
60	Locally Linear Diffeomorphic Metric Embedding (LLDME) for surface-based anatomical shape modeling. <i>NeuroImage</i> , 2011 , 56, 149-61	7.9	10
59	Modulative effects of COMT haplotype on age-related associations with brain morphology. <i>Human Brain Mapping</i> , 2016 , 37, 2068-82	5.9	10
58	Long-term Influences of Prenatal Maternal Depressive Symptoms on the Amygdala-Prefrontal Circuitry of the Offspring From Birth to Early Childhood. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019 , 4, 940-947	3.4	9
57	Inattention and hyperactivity predict alterations in specific neural circuits among 6-year-old boys. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2012 , 51, 632-41	7.2	9
56	Large deformation diffeomorphic metric mapping of orientation distribution functions. <i>Lecture Notes in Computer Science</i> , 2011 , 22, 448-62	0.9	9
55	Behavioral Heterogeneity in Relation with Brain Functional Networks in Young Children. <i>Cerebral Cortex</i> , 2018 , 28, 3322-3331	5.1	9
54	Functional connectivity of resting-state, working memory and inhibition networks in perceived stress. <i>Neurobiology of Stress</i> , 2018 , 8, 186-201	7.6	8
53	Multiple modeling in the study of interaction of hemodynamics and gas exchange. <i>Computers in Biology and Medicine</i> , 2001 , 31, 59-72	7	8
52	Approximations of the diffeomorphic metric and their applications in shape learning. <i>Lecture Notes in Computer Science</i> , 2011 , 22, 257-70	0.9	8
51	Singaporean Mothers' Perception of Their Three-year-old Child's Weight Status: A Cross-Sectional Study. <i>PLoS ONE</i> , 2016 , 11, e0147563	3.7	8
50	Functional and structural networks of lateral and medial orbitofrontal cortex as potential neural pathways for depression in childhood. <i>Depression and Anxiety</i> , 2019 , 36, 365-374	8.4	8
49	Maternal sensitivity during infancy and the regulation of startle in preschoolers. <i>Attachment and Human Development</i> , 2020 , 22, 207-224	2.8	8
48	Sex-Dependent Associations among Maternal Depressive Symptoms, Child Reward Network, and Behaviors in Early Childhood. <i>Cerebral Cortex</i> , 2020 , 30, 901-912	5.1	8

47	The influence of CHRNA4, COMT, and maternal sensitivity on orienting and executive attention in 6-month-old infants. <i>Brain and Cognition</i> , 2017 , 116, 17-28	2.7	7
46	Topography of cortical thinning areas associated with hippocampal atrophy (HA) in patients with Alzheimer's disease (AD). <i>Archives of Gerontology and Geriatrics</i> , 2012 , 54, e122-9	4	7
45	Looking Behavior at Test and Relational Memory in 6-Month-Old Infants. <i>Infancy</i> , 2015 , 20, 18-41	2.4	6
44	Infant night sleep trajectory from age 3-24 months: evidence from the Singapore GUSTO study. <i>Sleep Medicine</i> , 2017 , 33, 82-84	4.6	5
43	Caffeine intake and cognitive functions in children. <i>Psychopharmacology</i> , 2020 , 237, 3109-3116	4.7	5
42	Parental and social factors in relation to child psychopathology, behavior, and cognitive function. <i>Translational Psychiatry</i> , 2020 , 10, 80	8.6	5
41	Cerebellar development and its mediation role in cognitive planning in childhood. <i>Human Brain Mapping</i> , 2018 , 39, 5074-5084	5.9	5
40	Basal Ganglia Shapes Predict Social, Communication, and Motor Dysfunctions in Boys With Autism Spectrum Disorder. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010 , 49, 539-551	7.2	5
39	Diffeomorphic metric mapping and probabilistic atlas generation of hybrid diffusion imaging based on BFOR signal basis. <i>Medical Image Analysis</i> , 2014 , 18, 1002-14	15.4	4
38	Mitigation of a Prospective Association Between Early Language Delay at Toddlerhood and ADHD Among Bilingual Preschoolers: Evidence from the GUSTO Cohort. <i>Journal of Abnormal Child Psychology</i> , 2020 , 48, 511-523	4	4
37	Do intrinsic brain functional networks predict working memory from childhood to adulthood?. <i>Human Brain Mapping</i> , 2020 , 41, 4574-4586	5.9	4
36	Inflammatory modulation of the associations between prenatal maternal depression and neonatal brain. <i>Neuropsychopharmacology</i> , 2021 , 46, 470-477	8.7	4
35	Centering inclusivity in the design of online conferences-An OHBM-Open Science perspective. <i>GigaScience</i> , 2021 , 10,	7.6	4
34	Quantification of regional myocardial mean intracellular water lifetime: A nonhuman primate study in myocardial stress. <i>NMR in Biomedicine</i> , 2020 , 33, e4248	4.4	3
33	Improving mass-univariate analysis of neuroimaging data by modelling important unknown covariates: Application to Epigenome-Wide Association Studies. <i>NeuroImage</i> , 2018 , 173, 57-71	7.9	3
32	Trade-off of cerebello-cortical and cortico-cortical functional networks for planning in 6-year-old children. <i>NeuroImage</i> , 2018 , 176, 510-517	7.9	3
31	Neural Transcription Correlates of Multimodal Cortical Phenotypes during Development. <i>Cerebral Cortex</i> , 2020 , 30, 2740-2754	5.1	3
30	Canonical TGF- β signaling regulates the relationship between prenatal maternal depression and amygdala development in early life. <i>Translational Psychiatry</i> , 2021 , 11, 170	8.6	3

29	Maternal Adverse Childhood Experience and Depression in Relation with Brain Network Development and Behaviors in Children: A Longitudinal Study. <i>Cerebral Cortex</i> , 2021 , 31, 4233-4244	5.1	3
28	Multiscale Frame-Based Kernels for Large Deformation Diffeomorphic Metric Mapping. <i>IEEE Transactions on Medical Imaging</i> , 2018 , 37, 2344-2355	11.7	3
27	Revisiting convolutional neural network on graphs with polynomial approximations of Laplace-Beltrami spectral filtering.. <i>Neural Computing and Applications</i> , 2021 , 33, 13693-13704	4.8	3
26	Predicting diagnosis 4 years prior to Alzheimer's disease incident.. <i>NeuroImage: Clinical</i> , 2022 , 34, 102993	3.3	3
25	Individualized diffeomorphic mapping of brains with large cortical infarcts. <i>Magnetic Resonance Imaging</i> , 2015 , 33, 110-23	3.3	2
24	Maternal antenatal anxiety and electrophysiological functioning amongst a sub-set of preschoolers participating in the GUSTO cohort. <i>BMC Psychiatry</i> , 2020 , 20, 62	4.2	2
23	Psychiatric polygenic risk associates with cortical morphology and functional organization in aging. <i>Translational Psychiatry</i> , 2017 , 7, 1276	8.6	2
22	Localizing Retinotopic fMRI Activation in Human Primary Visual Cortex via Dynamic Programming. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2005 , 2005, 1313-6		2
21	Spatio-temporal directed acyclic graph learning with attention mechanisms on brain functional time series and connectivity.. <i>Medical Image Analysis</i> , 2022 , 77, 102370	15.4	2
20	Child brain growth standard: age and ethnicity dependent. <i>Science Bulletin</i> , 2020 , 65, 1874-1875	10.6	2
19	Spatial correlation maps of the hippocampus with cerebrospinal fluid biomarkers and cognition in Alzheimer's disease: A longitudinal study. <i>Human Brain Mapping</i> , 2021 , 42, 2931-2940	5.9	2
18	Fronto-parietal numerical networks in relation with early numeracy in young children. <i>Brain Structure and Function</i> , 2019 , 224, 263-275	4	2
17	Cognition. <i>World Review of Nutrition and Dietetics</i> , 2016 , 114, 66-83	0.2	1
16	Integrated structural and functional atlases of Asian children from infancy to childhood. <i>NeuroImage</i> , 2021 , 245, 118716	7.9	1
15	Diffeomorphic metric mapping of hybrid diffusion imaging based on BFOR signal basis. <i>Lecture Notes in Computer Science</i> , 2013 , 23, 147-58	0.9	1
14	Bayesian Atlas Estimation from High Angular Resolution Diffusion Imaging (HARDI). <i>Lecture Notes in Computer Science</i> , 2013 , 149-157	0.9	1
13	Fast vertex-based graph convolutional neural network and its application to brain images. <i>Neurocomputing</i> , 2021 , 434, 1-10	5.4	1
12	Left lateralization of neonatal caudate microstructure affects emerging language development at 24 months. <i>European Journal of Neuroscience</i> , 2021 , 54, 4621-4637	3.5	1

11	Spatio-temporal correlates of gene expression and cortical morphology across lifespan and aging. <i>NeuroImage</i> , 2021 , 224, 117426	7.9	1
10	Fast mesh data augmentation via Chebyshev polynomial of spectral filtering. <i>Neural Networks</i> , 2021 , 143, 198-208	9.1	1
9	Common functional brain networks between attention deficit and disruptive behaviors in youth. <i>NeuroImage</i> , 2021 , 245, 118732	7.9	0
8	Multiresolution Diffeomorphic Mapping for Cortical Surfaces. <i>Lecture Notes in Computer Science</i> , 2015 , 24, 315-26	0.9	0
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