

# Xiujian Geng

## List of Publications by Citations

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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.

39  
papers

2,425  
citations

20  
h-index

42  
g-index

42  
ext. papers

2,872  
ext. citations

5.4  
avg, IF

4.84  
L-index

#	Paper	IF	Citations
39	Short-term meditation induces white matter changes in the anterior cingulate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 15649-52	11.5	334
38	Mesocorticolimbic circuits are impaired in chronic cocaine users as demonstrated by resting-state functional connectivity. <i>NeuroImage</i> , <b>2010</b> , 53, 593-601	7.9	237
37	Infant Gut Microbiome Associated With Cognitive Development. <i>Biological Psychiatry</i> , <b>2018</b> , 83, 148-159	7.9	207
36	Dynamic Development of Regional Cortical Thickness and Surface Area in Early Childhood. <i>Cerebral Cortex</i> , <b>2015</b> , 25, 2204-12	5.1	200
35	Factors underlying prefrontal and insula structural alterations in smokers. <i>NeuroImage</i> , <b>2011</b> , 54, 42-8	7.9	156
34	Intrinsic resting-state activity predicts working memory brain activation and behavioral performance. <i>Human Brain Mapping</i> , <b>2013</b> , 34, 3204-15	5.9	152
33	Quantitative tract-based white matter development from birth to age 2 years. <i>NeuroImage</i> , <b>2012</b> , 61, 542-57	7.9	149
32	Large-scale functional neural network correlates of response inhibition: an fMRI meta-analysis. <i>Brain Structure and Function</i> , <b>2017</b> , 222, 3973-3990	4	137
31	Common variants in psychiatric risk genes predict brain structure at birth. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 1230-46	9.46	100
30	Structural and Maturational Covariance in Early Childhood Brain Development. <i>Cerebral Cortex</i> , <b>2017</b> , 27, 1795-1807	5.1	91
29	Introduction to the Non-rigid Image Registration Evaluation Project (NIREP). <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 128-135	0.9	80
28	Anatomical differences and network characteristics underlying smoking cue reactivity. <i>NeuroImage</i> , <b>2011</b> , 54, 131-41	7.9	77
27	Knowledge-guided robust MRI brain extraction for diverse large-scale neuroimaging studies on humans and non-human primates. <i>PLoS ONE</i> , <b>2014</b> , 9, e77810	3.7	69
26	Impact of sex and gonadal steroids on neonatal brain structure. <i>Cerebral Cortex</i> , <b>2014</b> , 24, 2721-31	5.1	67
25	Implicit reference-based group-wise image registration and its application to structural and functional MRI. <i>NeuroImage</i> , <b>2009</b> , 47, 1341-51	7.9	56
24	Gut microbiome and brain functional connectivity in infants-a preliminary study focusing on the amygdala. <i>Psychopharmacology</i> , <b>2019</b> , 236, 1641-1651	4.7	49
23	White matter heritability using diffusion tensor imaging in neonatal brains. <i>Twin Research and Human Genetics</i> , <b>2012</b> , 15, 336-50	2.2	38

22	Saliency and default mode network dysregulation in chronic cocaine users predict treatment outcome. <i>Brain</i> , <b>2017</b> , 140, 1513-1524	11.2	37
21	Prefrontal white matter impairment in substance users depends upon the catechol-o-methyl transferase (COMT) val158met polymorphism. <i>NeuroImage</i> , <b>2013</b> , 69, 62-9	7.9	20
20	Diffeomorphic image registration of diffusion MRI using spherical harmonics. <i>IEEE Transactions on Medical Imaging</i> , <b>2011</b> , 30, 747-58	11.7	20
19	Pons to Posterior Cingulate Functional Projections Predict Affective Processing Changes in the Elderly Following Eight Weeks of Meditation Training. <i>EBioMedicine</i> , <b>2016</b> , 10, 236-48	8.8	18
18	Transitive inverse-consistent manifold registration. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 19, 468-79	0.9	18
17	FMEM: functional mixed effects modeling for the analysis of longitudinal white matter Tract data. <i>NeuroImage</i> , <b>2014</b> , 84, 753-64	7.9	17
16	Automated brain tissue segmentation based on fractional signal mapping from inversion recovery Look-Locker acquisition. <i>NeuroImage</i> , <b>2010</b> , 52, 1347-54	7.9	15
15	Diffusion MRI registration using orientation distribution functions. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 21, 626-37	0.9	15
14	Yoga reduces the brainw amplitude of low-frequency fluctuations in patients with early psychosis results of a randomized controlled trial. <i>Schizophrenia Research</i> , <b>2017</b> , 184, 141-142	3.6	12
13	-lexical tone association in speakers of a tone language: Direct evidence for the genetic-biasing hypothesis of language evolution. <i>Science Advances</i> , <b>2020</b> , 6, eaba5090	14.3	12
12	The Neuroanatomical Basis of Two Subcomponents of Rumination: A VBM Study. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 324	3.3	11
11	Neurodevelopmental changes in the relationship between stress perception and prefrontal-amygdala functional circuitry. <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 267-274	5.3	6
10	Illness, at-risk and resilience neural markers of early-stage bipolar disorder. <i>Journal of Affective Disorders</i> , <b>2018</b> , 238, 16-23	6.6	6
9	A longitudinal functional analysis framework for analysis of white matter tract statistics. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 23, 220-31	0.9	5
8	Autism spectrum disorder risk prediction: A systematic review of behavioral and neural investigations. <i>Progress in Molecular Biology and Translational Science</i> , <b>2020</b> , 173, 91-137	4	3
7	Multi-contrast diffusion tensor image registration with structural MRI <b>2012</b> ,		3
6	BICIR:Boundary-Constrained Inverse Consistent Image Registration Using WEB-Splines		2
5	A new approach for creating customizable cytoarchitectonic probabilistic maps without a template. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 12, 795-802	0.9	2

4	Structural and Functional Neuroimaging Methods: Applications to Substance Abuse and Addiction <b>2011</b> , 37-82		1
3	Unbiased group-wise image registration: applications in brain fiber tract atlas construction and functional connectivity analysis. <i>Journal of Medical Systems</i> , <b>2011</b> , 35, 921-8	5.1	1
2	Group-wise diffeomorphic diffusion tensor image registration. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 13, 598-606	0.9	1
1	Integrative psycho-biophysiological markers in predicting psychological resilience. <i>Psychoneuroendocrinology</i> , <b>2021</b> , 129, 105267	5	1