

Xiujuan Geng

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,257
citations

331259

21
h-index

344852

36
g-index

42
all docs

42
docs citations

42
times ranked

5590
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-term meditation induces white matter changes in the anterior cingulate. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15649-15652.	3.3	404
2	Infant Gut Microbiome Associated With Cognitive Development. Biological Psychiatry, 2018, 83, 148-159.	0.7	362
3	Dynamic Development of Regional Cortical Thickness and Surface Area in Early Childhood. Cerebral Cortex, 2015, 25, 2204-2212.	1.6	286
4	Mesocorticolimbic circuits are impaired in chronic cocaine users as demonstrated by resting-state functional connectivity. NeuroImage, 2010, 53, 593-601.	2.1	280
5	Large-scale functional neural network correlates of response inhibition: an fMRI meta-analysis. Brain Structure and Function, 2017, 222, 3973-3990.	1.2	252
6	Intrinsic resting-state activity predicts working memory brain activation and behavioral performance. Human Brain Mapping, 2013, 34, 3204-3215.	1.9	186
7	Quantitative tract-based white matter development from birth to age 2 years. NeuroImage, 2012, 61, 542-557.	2.1	179
8	Factors underlying prefrontal and insula structural alterations in smokers. NeuroImage, 2011, 54, 42-48.	2.1	168
9	Common Variants in Psychiatric Risk Genes Predict Brain Structure at Birth. Cerebral Cortex, 2014, 24, 1230-1246.	1.6	125
10	Introduction to the Non-rigid Image Registration Evaluation Project (NIREP). Lecture Notes in Computer Science, 2006, , 128-135.	1.0	111
11	Structural and Maturational Covariance in Early Childhood Brain Development. Cerebral Cortex, 2017, 27, bhw022.	1.6	111
12	Gut microbiome and brain functional connectivity in infants-a preliminary study focusing on the amygdala. Psychopharmacology, 2019, 236, 1641-1651.	1.5	91
13	Impact of Sex and Gonadal Steroids on Neonatal Brain Structure. Cerebral Cortex, 2014, 24, 2721-2731.	1.6	88
14	Anatomical differences and network characteristics underlying smoking cue reactivity. NeuroImage, 2011, 54, 131-141.	2.1	84
15	Knowledge-Guided Robust MRI Brain Extraction for Diverse Large-Scale Neuroimaging Studies on Humans and Non-Human Primates. PLoS ONE, 2014, 9, e77810.	1.1	79
16	Implicit reference-based group-wise image registration and its application to structural and functional MRI. NeuroImage, 2009, 47, 1341-1351.	2.1	67
17	Saliency and default mode network dysregulation in chronic cocaine users predict treatment outcome. Brain, 2017, 140, 1513-1524.	3.7	62
18	White Matter Heritability Using Diffusion Tensor Imaging in Neonatal Brains. Twin Research and Human Genetics, 2012, 15, 336-350.	0.3	44

#	ARTICLE	IF	CITATIONS
19	Pons to Posterior Cingulate Functional Projections Predict Affective Processing Changes in the Elderly Following Eight Weeks of Meditation Training. EBioMedicine, 2016, 10, 236-248.	2.7	29
20	<i>ASPM</i> -lexical tone association in speakers of a tone language: Direct evidence for the genetic-biasing hypothesis of language evolution. Science Advances, 2020, 6, eaba5090.	4.7	24
21	Transitive Inverse-Consistent Manifold Registration. Lecture Notes in Computer Science, 2005, 19, 468-479.	1.0	24
22	Prefrontal white matter impairment in substance users depends upon the catechol-o-methyl transferase (COMT) val158met polymorphism. NeuroImage, 2013, 69, 62-69.	2.1	23
23	FMEM: Functional mixed effects modeling for the analysis of longitudinal white matter Tract data. NeuroImage, 2014, 84, 753-764.	2.1	23
24	Diffusion MRI Registration Using Orientation Distribution Functions. Lecture Notes in Computer Science, 2009, 21, 626-637.	1.0	22
25	Diffeomorphic Image Registration of Diffusion MRI Using Spherical Harmonics. IEEE Transactions on Medical Imaging, 2011, 30, 747-758.	5.4	21
26	Automated brain tissue segmentation based on fractional signal mapping from inversion recovery Lookâ€“Locker acquisition. NeuroImage, 2010, 52, 1347-1354.	2.1	17
27	Yoga reduces the brain's amplitude of low-frequency fluctuations in patients with early psychosis results of a randomized controlled trial. Schizophrenia Research, 2017, 184, 141-142.	1.1	17
28	Illness, at-risk and resilience neural markers of early-stage bipolar disorder. Journal of Affective Disorders, 2018, 238, 16-23.	2.0	17
29	The Neuroanatomical Basis of Two Subcomponents of Rumination: A VBM Study. Frontiers in Human Neuroscience, 2018, 12, 324.	1.0	14
30	Integrative psycho-biophysiological markers in predicting psychological resilience. Psychoneuroendocrinology, 2021, 129, 105267.	1.3	12
31	Neurodevelopmental changes in the relationship between stress perception and prefrontal-amygdala functional circuitry. NeuroImage: Clinical, 2018, 20, 267-274.	1.4	9
32	Autism spectrum disorder risk prediction: A systematic review of behavioral and neural investigations. Progress in Molecular Biology and Translational Science, 2020, 173, 91-137.	0.9	7
33	A Longitudinal Functional Analysis Framework for Analysis of White Matter Tract Statistics. Lecture Notes in Computer Science, 2013, 23, 220-231.	1.0	5
34	BICIR:Boundary-Constrained Inverse Consistent Image Registration Using WEB-Splines. , 0, , .		4
35	A New Approach for Creating Customizable Cytoarchitectonic Probabilistic Maps without a Template. Lecture Notes in Computer Science, 2009, 12, 795-802.	1.0	4
36	Multi-contrast diffusion tensor image registration with structural MRI. , 2012, , .		3

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37	Unbiased Group-Wise Image Registration: Applications in Brain Fiber Tract Atlas Construction and Functional Connectivity Analysis. Journal of Medical Systems, 2011, 35, 921-928.	2.2	1
38	Group-Wise Diffeomorphic Diffusion Tensor Image Registration. Lecture Notes in Computer Science, 2010, 13, 598-606.	1.0	1
39	Investigation of sex hormones on the early diagnosis of schizophrenia. , 2020, , .		0
40	Neural effect induced by exercise intervention can be categorized by altered functional connectivity in early psychotic patients. , 2020, , .		0