

Lingzhong Fan

List of Publications by Year in descending order

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58
papers

4,831
citations

212478

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162838

57
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63
docs citations

63
times ranked

8173
citing authors

#	ARTICLE	IF	CITATIONS
1	The human mediodorsal thalamus: Organization, connectivity, and function. <i>NeuroImage</i> , 2022, 249, 118876.	2.1	17
2	Uncovering the genetic profiles underlying the intrinsic organization of the human cerebellum. <i>Molecular Psychiatry</i> , 2022, 27, 2619-2634.	4.1	3
3	Imaging evolution of the primate brain: the next frontier?. <i>NeuroImage</i> , 2021, 228, 117685.	2.1	43
4	Developing Neuroimaging Biomarker for Brain Diseases with a Machine Learning Framework and the Brainnetome Atlas. <i>Neuroscience Bulletin</i> , 2021, 37, 1523-1525.	1.5	2
5	Connectional asymmetry of the inferior parietal lobule shapes hemispheric specialization in humans, chimpanzees, and rhesus macaques. <i>ELife</i> , 2021, 10, .	2.8	23
6	Predicting brain age during typical and atypical development based on structural and functional neuroimaging. <i>Human Brain Mapping</i> , 2021, 42, 5943-5955.	1.9	10
7	Polygenic effects of schizophrenia on hippocampal grey matter volume and hippocampusâ€“medial prefrontal cortex functional connectivity. <i>British Journal of Psychiatry</i> , 2020, 216, 267-274.	1.7	30
8	Organized Resting-state Functional Dysconnectivity of the Prefrontal Cortex in Patients with Schizophrenia. <i>Neuroscience</i> , 2020, 446, 14-27.	1.1	4
9	Fine-Grained Topography and Modularity of the Macaque Frontal Pole Cortex Revealed by Anatomical Connectivity Profiles. <i>Neuroscience Bulletin</i> , 2020, 36, 1454-1473.	1.5	9
10	MonkeyCBP: A Toolbox for Connectivity-Based Parcellation of Monkey Brain. <i>Frontiers in Neuroinformatics</i> , 2020, 14, 14.	1.3	4
11	A neuroimaging biomarker for striatal dysfunction in schizophrenia. <i>Nature Medicine</i> , 2020, 26, 558-565.	15.2	152
12	Anatomical Connectivity-Based Strategy for Targeting Transcranial Magnetic Stimulation as Antidepressant Therapy. <i>Frontiers in Psychiatry</i> , 2020, 11, 236.	1.3	5
13	Inter and Intra Individual Variations of Cortical Functional Boundaries Depending on Brain States. <i>Lecture Notes in Computer Science</i> , 2020, , 98-109.	1.0	0
14	Discriminating schizophrenia using recurrent neural network applied on time courses of multi-site fMRI data. <i>EBioMedicine</i> , 2019, 47, 543-552.	2.7	109
15	Fine-Grained Parcellation of the Macaque Nucleus Accumbens by High-Resolution Diffusion Tensor Tractography. <i>Frontiers in Neuroscience</i> , 2019, 13, 709.	1.4	6
16	Interspecies Differences in the Connectivity of Ventral Striatal Components Between Humans and Macaques. <i>Frontiers in Neuroscience</i> , 2019, 13, 623.	1.4	7
17	Common and Specific Functional Activity Features in Schizophrenia, Major Depressive Disorder, and Bipolar Disorder. <i>Frontiers in Psychiatry</i> , 2019, 10, 52.	1.3	45
18	Linked 4-Way Multimodal Brain Differences in Schizophrenia in a Large Chinese Han Population. <i>Schizophrenia Bulletin</i> , 2019, 45, 436-449.	2.3	38

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19	The heterogeneity of the left dorsal premotor cortex evidenced by multimodal connectivity-based parcellation and functional characterization. <i>NeuroImage</i> , 2018, 170, 400-411.	2.1	63
20	Rostrocaudal organization of the human posterior superior temporal sulcus revealed by connectivity profiles. <i>Human Brain Mapping</i> , 2018, 39, 5112-5125.	1.9	8
21	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. <i>EBioMedicine</i> , 2018, 37, 471-482.	2.7	31
22	Subdivisions of the posteromedial cortex in disorders of consciousness. <i>NeuroImage: Clinical</i> , 2018, 20, 260-266.	1.4	6
23	Connectome-based individualized prediction of temperament trait scores. <i>NeuroImage</i> , 2018, 183, 366-374.	2.1	73
24	The Right Dorsal Premotor Mosaic: Organization, Functions, and Connectivity. <i>Cerebral Cortex</i> , 2017, 27, bhw065.	1.6	66
25	Cross-cultural consistency and diversity in intrinsic functional organization of Broca's Region. <i>NeuroImage</i> , 2017, 150, 177-190.	2.1	20
26	Multimodal connectivity-based parcellation reveals a shell-core dichotomy of the human nucleus accumbens. <i>Human Brain Mapping</i> , 2017, 38, 3878-3898.	1.9	42
27	ATPP: A Pipeline for Automatic Tractography-Based Brain Parcellation. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 35.	1.3	21
28	Tractography-based Parcellation of the Human Middle Temporal Gyrus. <i>Scientific Reports</i> , 2016, 5, 18883.	1.6	115
29	Human Brainnetome Atlas and Its Potential Applications in Brain-Inspired Computing. <i>Lecture Notes in Computer Science</i> , 2016, , 1-14.	1.0	6
30	The Human Brainnetome Atlas: A New Brain Atlas Based on Connectional Architecture. <i>Cerebral Cortex</i> , 2016, 26, 3508-3526.	1.6	1,962
31	Connectivity Profiles Reveal a Transition Subarea in the Parahippocampal Region That Integrates the Anterior Temporal and Posterior Medial Systems. <i>Journal of Neuroscience</i> , 2016, 36, 2782-2795.	1.7	37
32	Different interaction modes for the default mode network revealed by resting state functional magnetic resonance imaging. <i>European Journal of Neuroscience</i> , 2016, 43, 78-88.	1.2	9
33	Functional organization of the fusiform gyrus revealed with connectivity profiles. <i>Human Brain Mapping</i> , 2016, 37, 3003-3016.	1.9	71
34	Genetic Effects on Fine-Grained Human Cortical Regionalization. <i>Cerebral Cortex</i> , 2016, 26, 3732-3743.	1.6	8
35	Identifying functional subdivisions in the human brain using meta-analytic activation modeling-based parcellation. <i>NeuroImage</i> , 2016, 124, 300-309.	2.1	22
36	Parcellation of the primary cerebral cortices based on local connectivity profiles. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 50.	0.9	9

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37	Scalable and Dil-compatible optical clearance of the mammalian brain. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 19.	0.9	154
38	Co-activation Probability Estimation (CoPE): An approach for modeling functional co-activation architecture based on neuroimaging coordinates. <i>NeuroImage</i> , 2015, 117, 397-407.	2.1	8
39	Robust brain parcellation using sparse representation on resting-state fMRI. <i>Brain Structure and Function</i> , 2015, 220, 3565-3579.	1.2	27
40	Convergent functional architecture of the superior parietal lobule unraveled with multimodal neuroimaging approaches. <i>Human Brain Mapping</i> , 2015, 36, 238-257.	1.9	174
41	Determination of the posterior boundary of <sc>W</sc>ernicke's area based on multimodal connectivity profiles. <i>Human Brain Mapping</i> , 2015, 36, 1908-1924.	1.9	52
42	Prefrontal cortex and the dysconnectivity hypothesis of schizophrenia. <i>Neuroscience Bulletin</i> , 2015, 31, 207-219.	1.5	143
43	The effect of bodyâ€mind relaxation meditation induction on major depressive disorder: A resting-state fMRI study. <i>Journal of Affective Disorders</i> , 2015, 183, 75-82.	2.0	25
44	DISC1 Ser704Cys impacts thalamic-prefrontal connectivity. <i>Brain Structure and Function</i> , 2015, 220, 91-100.	1.2	21
45	How Does B-Value Affect HARDI Reconstruction Using Clinical Diffusion MRI Data?. <i>PLoS ONE</i> , 2015, 10, e0120773.	1.1	18
46	Connectivity-Based Parcellation of the Human Temporal Pole Using Diffusion Tensor Imaging. <i>Cerebral Cortex</i> , 2014, 24, 3365-3378.	1.6	110
47	Increasing breadth of the frontal lobe but decreasing height of the human brain between two Chinese samples from a Neolithic site and from living humans. <i>American Journal of Physical Anthropology</i> , 2014, 154, 94-103.	2.1	30
48	Connectivity-Based Parcellation of the Human Posteromedial Cortex. <i>Cerebral Cortex</i> , 2014, 24, 719-727.	1.6	65
49	Inferior frontal white matter asymmetry correlates with executive control of attention. <i>Human Brain Mapping</i> , 2013, 34, 796-813.	1.9	72
50	Subregions of the human superior frontal gyrus and their connections. <i>NeuroImage</i> , 2013, 78, 46-58.	2.1	333
51	Connectivity-Based Parcellation of the Human Frontal Pole with Diffusion Tensor Imaging. <i>Journal of Neuroscience</i> , 2013, 33, 6782-6790.	1.7	100
52	Tractographyâ€based parcellation of the human left inferior parietal lobule. <i>NeuroImage</i> , 2012, 63, 641-652.	2.1	94
53	Anatomical Substrates of the Alerting, Orienting and Executive Control Components of Attention: Focus on the Posterior Parietal Lobe. <i>PLoS ONE</i> , 2012, 7, e50590.	1.1	48
54	Sexual dimorphism and asymmetry in human cerebellum: An MRI-based morphometric study. <i>Brain Research</i> , 2010, 1353, 60-73.	1.1	62

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55	The construction of a Chinese MRI brain atlas: A morphometric comparison study between Chinese and Caucasian cohorts. <i>NeuroImage</i> , 2010, 51, 33-41.	2.1	143
56	The study on sectional anatomy and imaging of accessory hepatic veins. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 739-743.	0.6	4
57	The pineal volume: a three-dimensional volumetric study in healthy young adults using 3.0 T MR data. <i>International Journal of Developmental Neuroscience</i> , 2009, 27, 655-660.	0.7	40
58	Platform presentations. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 49-93.	0.6	25