

Tie-Qiang Li

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

6,028
citations

147726

31
h-index

133188

59
g-index

75
all docs

75
docs citations

75
times ranked

7262
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimated gray matter volume rapidly changes after a short motor task. <i>Cerebral Cortex</i> , 2022, 32, 4356-4369.	1.6	8
2	Functional connectivity in reward-related networks is associated with individual differences in gambling strategies in male Lister hooded rats. <i>Addiction Biology</i> , 2022, 27, e13131.	1.4	5
3	Image Classification of Alzheimer's Disease Based on External-Attention Mechanism and Fully Convolutional Network. <i>Brain Sciences</i> , 2022, 12, 319.	1.1	5
4	Accelerating Dynamic MRI Reconstruction Using Adaptive Sequentially Truncated Higher-Order Singular Value Decomposition. <i>Current Medical Imaging</i> , 2022, 18, .	0.4	0
5	Detection of Cervical Cancer Cells in Whole Slide Images Using Deformable and Global Context Aware Faster RCNN-FPN. <i>Current Oncology</i> , 2021, 28, 3585-3601.	0.9	36
6	Dataset of whole-brain resting-state fMRI of 227 young and elderly adults acquired at 3T. <i>Data in Brief</i> , 2021, 38, 107333.	0.5	5
7	A Quantitative Data-Driven Analysis Framework for Resting-State Functional Magnetic Resonance Imaging: A Study of the Impact of Adult Age. <i>Frontiers in Neuroscience</i> , 2021, 15, 768418.	1.4	2
8	Limbic Perfusion Is Reduced in Patients with Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS). <i>Tomography</i> , 2021, 7, 675-687.	0.8	13
9	Autoencoder Combined with CBAM Improves Denoising of MR Images. , 2021, , .		3
10	Viewing Pictures Triggers Rapid Morphological Enlargement in the Human Visual Cortex. <i>Cerebral Cortex</i> , 2020, 30, 851-857.	1.6	19
11	Viewing Pictures Triggers Rapid Morphological Enlargement in the Human Visual Cortex. <i>Biological Psychiatry</i> , 2020, 87, S461-S462.	0.7	0
12	Rare variants in dynein heavy chain genes in two individuals with situs inversus and developmental dyslexia: a case report. <i>BMC Medical Genetics</i> , 2020, 21, 87.	2.1	5
13	Classification of breast cancer histopathological images using interleaved DenseNet with SENet (IDSNet). <i>PLoS ONE</i> , 2020, 15, e0232127.	1.1	81
14	Title is missing!. , 2020, 15, e0232127.		0
15	Title is missing!. , 2020, 15, e0232127.		0
16	Title is missing!. , 2020, 15, e0232127.		0
17	Title is missing!. , 2020, 15, e0232127.		0
18	Juvenile myoclonic epilepsy has hyper dynamic functional connectivity in the dorsolateral frontal cortex. <i>NeuroImage: Clinical</i> , 2019, 21, 101604.	1.4	20

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19	Parkinsonian traits in amyotrophic lateral sclerosis (ALS): a prospective population-based study. <i>Journal of Neurology</i> , 2019, 266, 1633-1642.	1.8	25
20	ICA-06-01: QUANTITATIVE SODIUM MRI IS MORE SENSITIVE THAN VOLUMETRY FOR DIFFERENTIATING BETWEEN OLDER ADULTS WITH MILD COGNITIVE IMPAIRMENT AND THOSE WHO ARE COGNITIVELY NORMAL. <i>Alzheimer's and Dementia</i> , 2018, 14, P10.	0.4	0
21	P2-415: QUANTITATIVE NORMALISED SODIUM MRI SIGNAL INTENSITY IS NOT ASSOCIATED WITH AGE IN COGNITIVELY NORMAL OLDER ADULTS: A 3 TESLA STUDY. <i>Alzheimer's and Dementia</i> , 2018, 14, P867.	0.4	0
22	Fatigue and Cognitive Fatigability in Mild Traumatic Brain Injury are Correlated with Altered Neural Activity during Vigilance Test Performance. <i>Frontiers in Neurology</i> , 2017, 8, 496.	1.1	39
23	Studying Sub-Dendrograms of Resting-State Functional Networks with Voxel-Wise Hierarchical Clustering. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 75.	1.0	10
24	Post mTBI fatigue is associated with abnormal brain functional connectivity. <i>Scientific Reports</i> , 2016, 6, 21183.	1.6	70
25	Three-year changes in leisure activities are associated with concurrent changes in white matter microstructure and perceptual speed in individuals aged 80 years and older. <i>Neurobiology of Aging</i> , 2016, 41, 173-186.	1.5	52
26	Resting-state fMRI study of acute migraine treatment with kinetic oscillation stimulation in nasal cavity. <i>NeuroImage: Clinical</i> , 2016, 12, 451-459.	1.4	16
27	Behavioral correlates of changes in hippocampal gray matter structure during acquisition of foreign vocabulary. <i>NeuroImage</i> , 2016, 131, 205-213.	2.1	46
28	Dimensionality of ICA in resting-state fMRI investigated by feature optimized classification of independent components with SVM. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 259.	1.0	41
29	Decoding illusory self-location from activity in the human hippocampus. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 412.	1.0	22
30	Default Mode Network, Motor Network, Dorsal and Ventral Basal Ganglia Networks in the Rat Brain: Comparison to Human Networks Using Resting State-fMRI. <i>PLoS ONE</i> , 2015, 10, e0120345.	1.1	62
31	Microstructural White Matter Properties Mediate the Association between APOE and Perceptual Speed in Very Old Persons without Dementia. <i>PLoS ONE</i> , 2015, 10, e0134766.	1.1	10
32	Magnified effects of the COMT gene on white-matter microstructure in very old age. <i>Brain Structure and Function</i> , 2015, 220, 2927-2938.	1.2	12
33	Changes in perceptual speed and white matter microstructure in the corticospinal tract are associated in very old age. <i>NeuroImage</i> , 2014, 102, 520-530.	2.1	62
34	The association between biomarkers in cerebrospinal fluid and structural changes in the brain in patients with Alzheimer's disease. <i>Journal of Internal Medicine</i> , 2014, 275, 418-427.	2.7	40
35	P1-298: MICROBLEEDS RELATED WITH BRAIN STRUCTURAL CHANGES AND CSF BIOMARKERS IN ALZHEIMER'S DISEASE. , 2014, 10, P420-P420.		0
36	The dimensionality of between-person differences in white matter microstructure in old age. <i>Human Brain Mapping</i> , 2013, 34, 1386-1398.	1.9	57

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37	Pseudo-continuous arterial spin labeling at 7 T for human brain: Estimation and correction for off-resonance effects using a Prescan. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 402-410.	1.9	42
38	Cortical responses to amphetamine exposure studied by pCASL MRI and pharmacokinetic/pharmacodynamic dose modeling. <i>NeuroImage</i> , 2013, 68, 75-82.	2.1	13
39	Ratio of A β 42/P-tau181p in CSF is associated with aberrant default mode network in AD. <i>Scientific Reports</i> , 2013, 3, 1339.	1.6	39
40	Analysis of Whole-Brain Resting-State fMRI Data Using Hierarchical Clustering Approach. <i>PLoS ONE</i> , 2013, 8, e76315.	1.1	34
41	Associations between White Matter Microstructure and Cognitive Performance in Old and Very Old Age. <i>PLoS ONE</i> , 2013, 8, e81419.	1.1	25
42	From Part- to Whole-Body Ownership in the Multisensory Brain. <i>Current Biology</i> , 2011, 21, 1118-1122.	1.8	261
43	The contribution of chemical exchange to MRI frequency shifts in brain tissue. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 35-43.	1.9	71
44	Transmit B1-field correction at 7T using actively tuned coupled inner elements. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 901-910.	1.9	16
45	The search for neuroimaging biomarkers of Alzheimer's disease with advanced MRI techniques. <i>Acta Radiologica</i> , 2011, 52, 211-222.	0.5	33
46	Layer-specific variation of iron content in cerebral cortex as a source of MRI contrast. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3834-3839.	3.3	377
47	Magnetic susceptibility mapping of brain tissue in vivo using MRI phase data. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1510-1522.	1.9	460
48	Characterization of T ₂ * heterogeneity in human brain white matter. <i>Magnetic Resonance in Medicine</i> , 2009, 62, 1652-1657.	1.9	76
49	Susceptibility contrast in high field MRI of human brain as a function of tissue iron content. <i>NeuroImage</i> , 2009, 44, 1259-1266.	2.1	266
50	High-field MRI of brain cortical substructure based on signal phase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11796-11801.	3.3	610
51	Extensive heterogeneity in white matter intensity in high-resolution T ₂ *-weighted MRI of the human brain at 7.0 T. <i>NeuroImage</i> , 2006, 32, 1032-1040.	2.1	128
52	Dual-echo spiral in/in acquisition method for reducing magnetic susceptibility artifacts in blood-oxygen-level-dependent functional magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2006, 55, 325-334.	1.9	19
53	Adolescents with Disruptive Behavior Disorder Investigated Using an Optimized MR Diffusion Tensor Imaging Protocol. <i>Annals of the New York Academy of Sciences</i> , 2005, 1064, 184-192.	1.8	45
54	Media violence exposure and executive functioning in aggressive and control adolescents. <i>Journal of Clinical Psychology</i> , 2005, 61, 725-737.	1.0	86

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55	High-resolution diffusion-weighted imaging with interleaved variable-density spiral acquisitions. <i>Journal of Magnetic Resonance Imaging</i> , 2005, 21, 468-475.	1.9	29
56	Mapping the development of white matter tracts with diffusion tensor imaging. <i>Developmental Science</i> , 2002, 5, 293-300.	1.3	28
57	A comparative fMRI study:T2*-weighted imaging versusR2* mapping. <i>NMR in Biomedicine</i> , 2001, 14, 41-47.	1.6	12
58	Condition Number as a Measure of Noise Performance of Diffusion Tensor Data Acquisition Schemes with MRI. <i>Journal of Magnetic Resonance</i> , 2000, 147, 340-352.	1.2	275
59	Changes in baseline cerebral blood flow in humans do not influence regional cerebral blood flow response to photic stimulation. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 757-762.	1.9	38
60	Image-based method for retrospective correction of physiological motion effects in fMRI: RETROICOR. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 162-167.	1.9	1,768
61	Noise considerations in the determination of diffusion tensor anisotropy. <i>Magnetic Resonance Imaging</i> , 2000, 18, 659-669.	1.0	120
62	Assessment of Hemodynamic Response during Focal Neural Activity in Human Using Bolus Tracking, Arterial Spin Labeling and BOLD Techniques. <i>NeuroImage</i> , 2000, 12, 442-451.	2.1	44
63	Image-based method for retrospective correction of physiological motion effects in fMRI: RETROICOR. , 2000, 44, 162.		9
64	Image-based method for retrospective correction of physiological motion effects in fMRI: RETROICOR. , 2000, 44, 162.		1
65	Image-based method for retrospective correction of physiological motion effects in fMRI: RETROICOR. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 162-167.	1.9	18
66	Gender Differences in Cerebral Blood Flow and Oxygenation Response during Focal Physiologic Neural Activity. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999, 19, 1066-1071.	2.4	47
67	An image registration strategy for multi-echo fMRI. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 154-158.	1.9	12
68	ADC mapping by means of a single-shot spiral MRI technique with application in acute cerebral ischemia. <i>Magnetic Resonance in Medicine</i> , 1999, 41, 143-147.	1.9	62
69	A FAIR Study of Motor Cortex Activation under Normo- and Hypercapnia Induced by Breath Challenge. <i>NeuroImage</i> , 1999, 10, 562-569.	2.1	37
70	NMR imaging of pulp suspension flowing through an abrupt pipe expansion. <i>AIChE Journal</i> , 1998, 44, 2597-2606.	1.8	26
71	Functional Magnetic Resonance Imaging of Regional Cerebral Blood Oxygenation Changes During Breath Holding. <i>Stroke</i> , 1998, 29, 2641-2645.	1.0	131