

Shi-Jiang Li

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

6,590
citations

94433

37
h-index

74163

75
g-index

106
all docs

106
docs citations

106
times ranked

8958
citing authors

#	ARTICLE	IF	CITATIONS
1	Dysconnectivity of the amygdala and dorsal anterior cingulate cortex in drug-naive post-traumatic stress disorder. <i>European Neuropsychopharmacology</i> , 2021, 52, 84-93.	0.7	1
2	Geodesic path differences in neural networks in the Alzheimer's disease connectome project. <i>Alzheimer's and Dementia</i> , 2020, 16, e047284.	0.8	1
3	Functional connectivity and structural analysis of trial spinal cord stimulation responders in failed back surgery syndrome. <i>PLoS ONE</i> , 2020, 15, e0228306.	2.5	7
4	Regional entropy of functional imaging signals varies differently in sensory and cognitive systems during propofol-modulated loss and return of behavioral responsiveness. <i>Brain Imaging and Behavior</i> , 2019, 13, 514-525.	2.1	16
5	Chronic pain in adults with sickle cell disease is associated with alterations in functional connectivity of the brain. <i>PLoS ONE</i> , 2019, 14, e0216994.	2.5	20
6	Propofol Sedation Alters Perceptual and Cognitive Functions in Healthy Volunteers as Revealed by Functional Magnetic Resonance Imaging. <i>Anesthesiology</i> , 2019, 131, 254-265.	2.5	17
7	ICâ€Pâ€024: EFFECTIVE CONNECTIVITY WITHIN THE LEFT AND RIGHT EXECUTIVE CONTROL NETWORKS IN MCI AND AD. <i>Alzheimer's and Dementia</i> , 2019, 15, P31.	0.8	1
8	Predicting progression from mild cognitive impairment to Alzheimerâ€™s disease on an individual subject basis by applying the CARE index across different independent cohorts. <i>Aging</i> , 2019, 11, 2185-2201.	3.1	19
9	ICâ€Pâ€161: CHARACTERIZING STRUCTURAL BRAIN ALTERATIONS IN ALZHEIMER'S DISEASE PATIENTS WITH MACHINE LEARNING. <i>Alzheimer's and Dementia</i> , 2018, 14, P135.	0.8	2
10	ICâ€Pâ€123: INDIVIDUAL ESTIMATES OF ALZHEIMER'S DISEASE RISK ACROSS THE AGE SPECTRUM AND DISEASE CONTINUUM. <i>Alzheimer's and Dementia</i> , 2018, 14, P104.	0.8	0
11	P2â€366: EFFECTIVE CONNECTIVITY WITHIN THE DEFAULT MODE NETWORK IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P833.	0.8	0
12	ICâ€Pâ€031: EFFECTIVE CONNECTIVITY WITHIN THE DEFAULT MODE NETWORK IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P35.	0.8	0
13	P3â€342: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTIâ€STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES. <i>Alzheimer's and Dementia</i> , 2018, 14, P1214.	0.8	0
14	ICâ€Pâ€032: INFLUENCE OF NETWORK CONSTRUCTION METHODS ON PATH LENGTH VALUES IN ALZHEIMER'S DISEASE: A MULTIâ€STUDY ANALYSIS OF MRI CONNECTIVITY STUDIES. <i>Alzheimer's and Dementia</i> , 2018, 14, P36.	0.8	0
15	Functional Connectivity Magnetic Resonance Imaging Reveals Rapid and Reversible Changes in the Brain Following Induction of Psoriasisiform Dermatitis in Mice. <i>Journal of Psoriasis and Psoriatic Arthritis</i> , 2018, 3, 59-64.	0.7	0
16	Fine-Grained Parcellation of Brain Connectivity Improves Differentiation of States of Consciousness During Graded Propofol Sedation. <i>Brain Connectivity</i> , 2017, 7, 373-381.	1.7	17
17	Intrinsic inter-network brain dysfunction correlates with symptom dimensions in late-life depression. <i>Journal of Psychiatric Research</i> , 2017, 87, 71-80.	3.1	37
18	Propofol attenuates low-frequency fluctuations of resting-state fMRI BOLD signal in the anterior frontal cortex upon loss of consciousness. <i>NeuroImage</i> , 2017, 147, 295-301.	4.2	40

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19	Evaluation of Whole-Brain Resting-State Functional Connectivity in Spinal Cord Injury: A Large-Scale Network Analysis Using Network-Based Statistic. <i>Journal of Neurotrauma</i> , 2017, 34, 1278-1282.	3.4	57
20	Large-Scale Network Analysis of Whole-Brain Resting-State Functional Connectivity in Spinal Cord Injury: A Comparative Study. <i>Brain Connectivity</i> , 2017, 7, 413-423.	1.7	17
21	The Effect of Apolipoprotein E ϵ 4 (APOE ϵ 4) on Visuospatial Working Memory in Healthy Elderly and Amnesic Mild Cognitive Impairment Patients: An Event-Related Potentials Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 145.	3.4	16
22	Staging Alzheimer's Disease Risk by Sequencing Brain Function and Structure, Cerebrospinal Fluid, and Cognition Biomarkers. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 983-993.	2.6	33
23	Opposite Neural Trajectories of Apolipoprotein E ϵ 4 and ϵ 2 Alleles with Aging Associated with Different Risks of Alzheimer's Disease. <i>Cerebral Cortex</i> , 2016, 26, 1421-1429.	2.9	61
24	Daily Pain Is Associated with Alterations in Functional Connectivity of the Brain on fMRI in Adults with Sickle Cell Disease. <i>Blood</i> , 2016, 128, 3656-3656.	1.4	5
25	Alterations in Cortical Sensorimotor Connectivity following Complete Cervical Spinal Cord Injury: A Prospective Resting-State fMRI Study. <i>PLoS ONE</i> , 2016, 11, e0150351.	2.5	52
26	Nature of functional links in valuation networks differentiates impulsive behaviors between abstinent heroin-dependent subjects and nondrug-using subjects. <i>NeuroImage</i> , 2015, 115, 76-84.	4.2	42
27	Amygdala network dysfunction in late-life depression phenotypes: Relationships with symptom dimensions. <i>Journal of Psychiatric Research</i> , 2015, 70, 121-129.	3.1	24
28	Disrupted small world topology and modular organisation of functional networks in late-life depression with and without amnesic mild cognitive impairment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1097-1105.	1.9	49
29	Scale-Free Functional Connectivity of the Brain Is Maintained in Anesthetized Healthy Participants but Not in Patients with Unresponsive Wakefulness Syndrome. <i>PLoS ONE</i> , 2014, 9, e92182.	2.5	39
30	Altered intrinsic hippocampal declarative memory network and its association with impulsivity in abstinent heroin dependent subjects. <i>Behavioural Brain Research</i> , 2014, 272, 209-217.	2.2	22
31	Decreased Effective Connectivity from Cortices to the Right Parahippocampal Gyrus in Alzheimer's Disease Subjects. <i>Brain Connectivity</i> , 2014, 4, 702-708.	1.7	23
32	Imbalanced hippocampal functional networks associated with remitted geriatric depression and apolipoprotein E ϵ 4 allele in nondemented elderly: A preliminary study. <i>Journal of Affective Disorders</i> , 2014, 164, 5-13.	4.1	48
33	Effects of the coexistence of late-life depression and mild cognitive impairment on white matter microstructure. <i>Journal of the Neurological Sciences</i> , 2014, 338, 46-56.	0.6	35
34	Increased precuneus connectivity during propofol sedation. <i>Neuroscience Letters</i> , 2014, 561, 18-23.	2.1	21
35	Aberrant functional connectivity in Papez circuit correlates with memory performance in cognitively intact middle-aged APOE4 carriers. <i>Cortex</i> , 2014, 57, 167-176.	2.4	37
36	P3-223: THE ROLE OF MID-LIFE ADIPOSITY IN FUNCTIONAL BRAIN CONNECTIVITY. , 2014, 10, P712-P712.		0

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37	Late-life depression, mild cognitive impairment and hippocampal functional network architecture. <i>NeuroImage: Clinical</i> , 2013, 3, 311-320.	2.7	25
38	Functional connectivity of the cortical swallowing network in humans. <i>NeuroImage</i> , 2013, 76, 33-44.	4.2	34
39	Modular reorganization of brain resting state networks and its independent validation in Alzheimer's disease patients. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 456.	2.0	64
40	Differential Effects of Deep Sedation with Propofol on the Specific and Nonspecific Thalamocortical Systems. <i>Anesthesiology</i> , 2013, 118, 59-69.	2.5	127
41	Functional Network Endophenotypes Unravel the Effects of Apolipoprotein E Epsilon 4 in Middle-Aged Adults. <i>PLoS ONE</i> , 2013, 8, e55902.	2.5	50
42	Changes in regional cerebral blood flow and functional connectivity in the cholinergic pathway associated with cognitive performance in subjects with mild Alzheimer's disease after 12-week donepezil treatment. <i>NeuroImage</i> , 2012, 60, 1083-1091.	4.2	98
43	A clustering-based method to detect functional connectivity differences. <i>NeuroImage</i> , 2012, 61, 56-61.	4.2	14
44	Abnormal insula functional network is associated with episodic memory decline in amnesic mild cognitive impairment. <i>NeuroImage</i> , 2012, 63, 320-327.	4.2	150
45	A method to determine the necessity for global signal regression in resting-state fMRI studies. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 1828-1835.	3.0	89
46	Neural basis of the association between depressive symptoms and memory deficits in nondemented subjects: resting-state fMRI study. <i>Human Brain Mapping</i> , 2012, 33, 1352-1363.	3.6	43
47	Propofol disrupts functional interactions between sensory and higher-order processing of auditory verbal memory. <i>Human Brain Mapping</i> , 2012, 33, 2487-2498.	3.6	111
48	Responses of dopaminergic, serotonergic and noradrenergic networks to acute levo-tetrahydropalmatine administration in naïve rats detected at 9.4 T. <i>Magnetic Resonance Imaging</i> , 2012, 30, 261-270.	1.8	11
49	Oral administration of levo-tetrahydropalmatine attenuates reinstatement of extinguished cocaine seeking by cocaine, stress or drug-associated cues in rats. <i>Drug and Alcohol Dependence</i> , 2011, 116, 72-79.	3.2	42
50	Identification of hyperactive intrinsic amygdala network connectivity associated with impulsivity in abstinent heroin addicts. <i>Behavioural Brain Research</i> , 2011, 216, 639-646.	2.2	92
51	Neural correlates of the interactive relationship between memory deficits and depressive symptoms in nondemented elderly: Resting fMRI study. <i>Behavioural Brain Research</i> , 2011, 219, 205-212.	2.2	41
52	Recovery of hippocampal network connectivity correlates with cognitive improvement in mild alzheimer's disease patients treated with donepezil assessed by resting-state fMRI. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 764-773.	3.4	79
53	Negative Functional Connectivity and Its Dependence on the Shortest Path Length of Positive Network in the Resting-State Human Brain. <i>Brain Connectivity</i> , 2011, 1, 195-206.	1.7	78
54	Two-Axis Acceleration of Functional Connectivity Magnetic Resonance Imaging by Parallel Excitation of Phase-Tagged Slices and Half k-Space Acceleration. <i>Brain Connectivity</i> , 2011, 1, 81-90.	1.7	15

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55	Classification of Alzheimer Disease, Mild Cognitive Impairment, and Normal Cognitive Status with Large-Scale Network Analysis Based on Resting-State Functional MR Imaging. <i>Radiology</i> , 2011, 259, 213-221.	7.3	245
56	Repeated N-Acetyl Cysteine Reduces Cocaine Seeking in Rodents and Craving in Cocaine-Dependent Humans. <i>Neuropsychopharmacology</i> , 2011, 36, 871-878.	5.4	125
57	Levo-tetrahydropalmatine attenuates cocaine self-administration under a progressive-ratio schedule and cocaine discrimination in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 97, 310-316.	2.9	39
58	Toward discovery science of human brain function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4734-4739.	7.1	2,703
59	Dynamic neural responses to cue reactivity paradigms in heroin-dependent users: An fMRI study. <i>Human Brain Mapping</i> , 2009, 30, 766-775.	3.6	73
60	The phase shift index for marking functional asynchrony in Alzheimer's disease patients using fMRI. <i>Magnetic Resonance Imaging</i> , 2008, 26, 379-392.	1.8	21
61	Medication of l-tetrahydropalmatine significantly ameliorates opiate craving and increases the abstinence rate in heroin users: a pilot study. <i>Acta Pharmacologica Sinica</i> , 2008, 29, 781-788.	6.1	67
62	Expectation Modulates Human Brain Responses to Acute Cocaine: A Functional Magnetic Resonance Imaging Study. <i>Biological Psychiatry</i> , 2008, 63, 222-230.	1.3	58
63	Levo-tetrahydropalmatine inhibits cocaine's rewarding effects: Experiments with self-administration and brain-stimulation reward in rats. <i>Neuropharmacology</i> , 2007, 53, 771-782.	4.1	44
64	Levo-tetrahydropalmatine attenuates cocaine self-administration and cocaine-induced reinstatement in rats. <i>Psychopharmacology</i> , 2007, 192, 581-591.	3.1	86
65	Processing the acute cocaine FMRI response in human brain with Bayesian source separation. , 2007, 17, 965-978.		1
66	Peripheral blood pressure changes induced by dobutamine do not alter BOLD signals in the human brain. <i>NeuroImage</i> , 2006, 30, 745-752.	4.2	10
67	Task-modulation of functional synchrony between spontaneous low-frequency oscillations in the human brain detected by fMRI. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 41-50.	3.0	13
68	Theoretical noise model for oxygenation-sensitive magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2005, 53, 1046-1054.	3.0	23
69	Neural responses to acute cocaine administration in the human brain detected by fMRI. <i>NeuroImage</i> , 2005, 28, 904-914.	4.2	159
70	Momentum-weighted conjugate gradient descent algorithm for gradient coil optimization. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 158-164.	3.0	9
71	Spatial correlations of laminar BOLD and CBV responses to rat whisker stimulation with neuronal activity localized by Fos expression. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 1060-1068.	3.0	114
72	Characterization of effects of mean arterial blood pressure induced by cocaine and cocaine methiodide on BOLD signals in rat brain. <i>Magnetic Resonance in Medicine</i> , 2003, 49, 264-270.	3.0	70

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73	Alzheimer Disease: Evaluation of a Functional MR Imaging Index as a Marker. <i>Radiology</i> , 2002, 225, 253-259.	7.3	268
74	Multiecho segmented EPI with z-shimmed background gradient compensation (MESBAC) pulse sequence for fMRI. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 312-321.	3.0	32
75	GABAergic mechanisms of heroin-induced brain activation assessed with functional MRI. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 838-843.	3.0	35
76	Transient relationships among BOLD, CBV, and CBF changes in rat brain as detected by functional MRI. <i>Magnetic Resonance in Medicine</i> , 2002, 48, 987-993.	3.0	64
77	Reducing cardiac noise in BOLD-weighted voxel time courses in an fMRI dataset by increasing TR and/or applying a crusher gradient in an EPI acquisition pulse. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 629-629.	3.0	3
78	Cocaine administration decreases functional connectivity in human primary visual and motor cortex as detected by functional MRI. <i>Magnetic Resonance in Medicine</i> , 2000, 43, 45-51.	3.0	156
79	B0-fluctuation-induced temporal variation in EPI image series due to the disturbance of steady-state free precession. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 758-765.	3.0	44
80	B0-fluctuation-induced temporal variation in EPI image series due to the disturbance of steady-state free precession. <i>Magnetic Resonance in Medicine</i> , 2000, 44, 758-765.	3.0	2
81	Differentiation of metabolic concentrations between gray matter and white matter of human brain by in vivo ¹ H magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , 1998, 39, 28-33.	3.0	114
82	Detection of glutamate/glutamine resonances by ¹ H magnetic resonance spectroscopy at 0.5 tesla. <i>Magnetic Resonance in Medicine</i> , 1997, 37, 615-618.	3.0	43
83	Effects of local irradiation on spin-lattice relaxation time of phosphate metabolites in mouse tumors monitored by ³¹ P magnetic resonance spectroscopy. <i>Magnetic Resonance in Medicine</i> , 1992, 23, 302-310.	3.0	12
84	Determination of Absolute Phosphate Metabolite Concentrations in RIF-1 Tumors in Vivo by ³¹ P- ¹ H-2H NMR Spectroscopy Using Water as an Internal Intensity Reference. <i>Magnetic Resonance in Medicine</i> , 1992, 28, 105-121.	3.0	31