Shi-Jiang Li

List of Publications by Year
in descending order

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84 papers	6,590 citations	94381 37 h-index	76872 74 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. European Neuropsychopharmacology, 2021, 52, 84-93.	0.3	1
2	Geodesic path differences in neural networks in the Alzheimer's disease connectome project. Alzheimer's and Dementia, 2020, 16, e047284.	0.4	1
3	Functional connectivity and structural analysis of trial spinal cord stimulation responders in failed back surgery syndrome. PLoS ONE, 2020, 15, e0228306.	1.1	7
4	Regional entropy of functional imaging signals varies differently in sensory and cognitive systems during propofol-modulated loss and return of behavioral responsiveness. Brain Imaging and Behavior, 2019, 13, 514-525.	1.1	16
5	Chronic pain in adults with sickle cell disease is associated with alterations in functional connectivity of the brain. PLoS ONE, 2019, 14, e0216994.	1.1	20
6	Propofol Sedation Alters Perceptual and Cognitive Functions in Healthy Volunteers as Revealed by Functional Magnetic Resonance Imaging. Anesthesiology, 2019, 131, 254-265.	1.3	17
7	ICâ€Pâ€024: EFFECTIVE CONNECTIVITY WITHIN THE LEFT AND RIGHT EXECUTIVE CONTROL NETWORKS IN MCI AND AD. Alzheimer's and Dementia, 2019, 15, P31.	0.4	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. Aging, 2019, 11, 2185-2201.	1.4	19
9	ICâ€Pâ€161: CHARACTERIZING STRUCTURAL BRAIN ALTERATIONS IN ALZHEIMER'S DISEASE PATIENTS WITH MACHINE LEARNING. Alzheimer's and Dementia, 2018, 14, P135.	0.4	2
10	ICâ€Pâ€123: INDIVIDUAL ESTIMATES OF ALZHEIMER'S DISEASE RISK ACROSS THE AGE SPECTRUM AND DISEASE CONTINUUM. Alzheimer's and Dementia, 2018, 14, P104.	0.4	0
11	P2â€366: EFFECTIVE CONNECTIVITY WITHIN THE DEFAULT MODE NETWORK IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P833.	0.4	0
12	ICâ€Pâ€031: EFFECTIVE CONNECTIVITY WITHIN THE DEFAULT MODE NETWORK IN MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P35.	0.4	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. Alzheimer's and Dementia, 2018, 14, P1214.	0.4	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. Alzheimer's and Dementia, 2018, 14, P36.	0.4	0
15	Functional Connectivity Magnetic Resonance Imaging Reveals Rapid and Reversible Changes in the Brain Following Induction of Psoriasiform Dermatitis in Mice. Journal of Psoriasis and Psoriatic Arthritis, 2018, 3, 59-64.	0.3	0
16	Fine-Grained Parcellation of Brain Connectivity Improves Differentiation of States of Consciousness During Graded Propofol Sedation. Brain Connectivity, 2017, 7, 373-381.	0.8	17
17	Intrinsic inter-network brain dysfunction correlates with symptom dimensions in late-life depression. Journal of Psychiatric Research, 2017, 87, 71-80.	1.5	37
18	Propofol attenuates low-frequency fluctuations of resting-state fMRI BOLD signal in the anterior frontal cortex upon loss of consciousness. NeuroImage, 2017, 147, 295-301.	2.1	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. Journal of Neurotrauma, 2017, 34, 1278-1282.	1.7	57
20	Large-Scale Network Analysis of Whole-Brain Resting-State Functional Connectivity in Spinal Cord Injury: A Comparative Study. Brain Connectivity, 2017, 7, 413-423.	0.8	17
21	The Effect of Apolipoprotein E Îµ4 (APOE Îµ4) on Visuospatial Working Memory in Healthy Elderly and Amnestic Mild Cognitive Impairment Patients: An Event-Related Potentials Study. Frontiers in Aging Neuroscience, 2017, 9, 145.	1.7	16
22	Staging Alzheimerâ€™s Disease Risk by Sequencing Brain Function and Structure, Cerebrospinal Fluid, and Cognition Biomarkers. Journal of Alzheimer's Disease, 2016, 54, 983-993.	1.2	33
23	Opposite Neural Trajectories of Apolipoprotein E Ïµ4 and Ïµ2 Alleles with Aging Associated with Different Risks of Alzheimer's Disease. Cerebral Cortex, 2016, 26, 1421-1429.	1.6	61
24	Daily Pain Is Associated with Alterations in Functional Connectivity of the Brain on fMRI in Adults with Sickle Cell Disease. Blood, 2016, 128, 3656-3656.	0.6	5
25	Alterations in Cortical Sensorimotor Connectivity following Complete Cervical Spinal Cord Injury: A Prospective Resting-State fMRI Study. PLoS ONE, 2016, 11, e0150351.	1.1	52
26	Nature of functional links in valuation networks differentiates impulsive behaviors between abstinent heroin-dependent subjects and nondrug-using subjects. NeuroImage, 2015, 115, 76-84.	2.1	42
27	Amygdala network dysfunction in late-life depression phenotypes: Relationships with symptom dimensions. Journal of Psychiatric Research, 2015, 70, 121-129.	1.5	24
28	Disrupted small world topology and modular organisation of functional networks in late-life depression with and without amnestic mild cognitive impairment. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 1097-1105.	0.9	49
29	Scale-Free Functional Connectivity of the Brain Is Maintained in Anesthetized Healthy Participants but Not in Patients with Unresponsive Wakefulness Syndrome. PLoS ONE, 2014, 9, e92182.	1.1	39
30	Altered intrinsic hippocmapus declarative memory network and its association with impulsivity in abstinent heroin dependent subjects. Behavioural Brain Research, 2014, 272, 209-217.	1.2	22
31	Decreased Effective Connectivity from Cortices to the Right Parahippocampal Gyrus in Alzheimer's Disease Subjects. Brain Connectivity, 2014, 4, 702-708.	0.8	23
32	Imbalanced hippocampal functional networks associated with remitted geriatric depression and apolipoprotein E Îµ4 allele in nondemented elderly: A preliminary study. Journal of Affective Disorders, 2014, 164, 5-13.	2.0	48
33	Effects of the coexistence of late-life depression and mild cognitive impairment on white matter microstructure. Journal of the Neurological Sciences, 2014, 338, 46-56.	0.3	35
34	Increased precuneus connectivity during propofol sedation. Neuroscience Letters, 2014, 561, 18-23.	1.0	21
35	Aberrant functional connectivity in Papez circuit correlates with memory performance in cognitively intact middle-aged APOE4 carriers. Cortex, 2014, 57, 167-176.	1.1	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. NeuroImage: Clinical, 2013, 3, 311-320.	1.4	25
38	Functional connectivity of the cortical swallowing network in humans. NeuroImage, 2013, 76, 33-44.	2.1	34
39	Modular reorganization of brain resting state networks and its independent validation in Alzheimer's disease patients. Frontiers in Human Neuroscience, 2013, 7, 456.	1.0	64
40	Differential Effects of Deep Sedation with Propofol on the Specific and Nonspecific Thalamocortical Systems. Anesthesiology, 2013, 118, 59-69.	1.3	127
41	Functional Network Endophenotypes Unravel the Effects of Apolipoprotein E Epsilon 4 in Middle-Aged Adults. PLoS ONE, 2013, 8, e55902.	1.1	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. NeuroImage, 2012, 60, 1083-1091.	2.1	98
43	A clustering-based method to detect functional connectivity differences. NeuroImage, 2012, 61, 56-61.	2.1	14
44	Abnormal insula functional network is associated with episodic memory decline in amnestic mild cognitive impairment. NeuroImage, 2012, 63, 320-327.	2.1	150
45	A method to determine the necessity for global signal regression in restingâ€state fMRI studies. Magnetic Resonance in Medicine, 2012, 68, 1828-1835.	1.9	89
46	Neural basis of the association between depressive symptoms and memory deficits in nondemented subjects: restingâ€state fMRI study. Human Brain Mapping, 2012, 33, 1352-1363.	1.9	43
47	Propofol disrupts functional interactions between sensory and highâ€order processing of auditory verbal memory. Human Brain Mapping, 2012, 33, 2487-2498.	1.9	111
48	Responses of dopaminergic, serotonergic and noradrenergic networks to acute levo-tetrahydropalmatine administration in naÃ¯ve rats detected at 9.4 T. Magnetic Resonance Imaging, 2012, 30, 261-270.	1.0	11
49	Oral administration of levo-tetrahydropalmatine attenuates reinstatement of extinguished cocaine seeking by cocaine, stress or drug-associated cues in rats. Drug and Alcohol Dependence, 2011, 116, 72-79.	1.6	42
50	Identification of hyperactive intrinsic amygdala network connectivity associated with impulsivity in abstinent heroin addicts. Behavioural Brain Research, 2011, 216, 639-646.	1.2	92
51	Neural correlates of the interactive relationship between memory deficits and depressive symptoms in nondemented elderly: Resting fMRI study. Behavioural Brain Research, 2011, 219, 205-212.	1.2	41
52	Recovery of hippocampal network connectivity correlates with cognitive improvement in mild alzheimer's disease patients treated with donepezil assessed by restingâ€state fMRI. Journal of Magnetic Resonance Imaging, 2011, 34, 764-773.	1.9	79
53	Negative Functional Connectivity and Its Dependence on the Shortest Path Length of Positive Network in the Resting-State Human Brain. Brain Connectivity, 2011, 1, 195-206.	0.8	78
54	Two-Axis Acceleration of Functional Connectivity Magnetic Resonance Imaging by Parallel Excitation of Phase-Tagged Slices and Half k-Space Acceleration. Brain Connectivity, 2011, 1, 81-90.	0.8	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. Radiology, 2011, 259, 213-221.	3.6	245
56	Repeated N-Acetyl Cysteine Reduces Cocaine Seeking in Rodents and Craving in Cocaine-Dependent Humans. Neuropsychopharmacology, 2011, 36, 871-878.	2.8	125
57	Levo-tetrahydropalmatine attenuates cocaine self-administration under a progressive-ratio schedule and cocaine discrimination in rats. Pharmacology Biochemistry and Behavior, 2010, 97, 310-316.	1.3	39
58	Toward discovery science of human brain function. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4734-4739.	3.3	2,703
59	Dynamic neural responses to cueâ€reactivity paradigms in heroinâ€dependent users: An fMRI study. Human Brain Mapping, 2009, 30, 766-775.	1.9	73
60	The phase shift index for marking functional asynchrony in Alzheimer's disease patients using fMRI. Magnetic Resonance Imaging, 2008, 26, 379-392.	1.0	21
61	Medication ofl-tetrahydropalmatine significantly ameliorates opiate craving and increases the abstinence rate in heroin users: a pilot study¹. Acta Pharmacologica Sinica, 2008, 29, 781-788.	2.8	67
62	Expectation Modulates Human Brain Responses to Acute Cocaine: A Functional Magnetic Resonance Imaging Study. Biological Psychiatry, 2008, 63, 222-230.	0.7	58
63	Levo-tetrahydropalmatine inhibits cocaine's rewarding effects: Experiments with self-administration and brain-stimulation reward in rats. Neuropharmacology, 2007, 53, 771-782.	2.0	44
64	Levo-tetrahydropalmatine attenuates cocaine self-administration and cocaine-induced reinstatement in rats. Psychopharmacology, 2007, 192, 581-591.	1.5	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. NeuroImage, 2006, 30, 745-752.	2.1	10
67	Task-modulation of functional synchrony between spontaneous low-frequency oscillations in the human brain detected by fMRI. Magnetic Resonance in Medicine, 2006, 56, 41-50.	1.9	13
68	Theoretical noise model for oxygenation-sensitive magnetic resonance imaging. Magnetic Resonance in Medicine, 2005, 53, 1046-1054.	1.9	23
69	Neural responses to acute cocaine administration in the human brain detected by fMRI. NeuroImage, 2005, 28, 904-914.	2.1	159
70	Momentum-weighted conjugate gradient descent algorithm for gradient coil optimization. Magnetic Resonance in Medicine, 2004, 51, 158-164.	1.9	9
71	Spatial correlations of laminar BOLD and CBV responses to rat whisker stimulation with neuronal activity localized by Fos expression. Magnetic Resonance in Medicine, 2004, 52, 1060-1068.	1.9	114
72	Characterization of effects of mean arterial blood pressure induced by cocaine and cocaine methiodide on BOLD signals in rat brain. Magnetic Resonance in Medicine, 2003, 49, 264-270.	1.9	70

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73	Alzheimer Disease: Evaluation of a Functional MR Imaging Index as a Marker. Radiology, 2002, 225, 253-259.	3.6	268
74	Multiecho segmented EPI with z-shimmed background gradient compensation (MESBAC) pulse sequence for fMRI. Magnetic Resonance in Medicine, 2002, 48, 312-321.	1.9	32
75	GABAergic mechanisms of heroin-induced brain activation assessed with functional MRI. Magnetic Resonance in Medicine, 2002, 48, 838-843.	1.9	35
76	Transient relationships among BOLD, CBV, and CBF changes in rat brain as detected by functional MRI. Magnetic Resonance in Medicine, 2002, 48, 987-993.	1.9	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. Magnetic Resonance in Medicine, 2001, 46, 629-629.	1.9	3
78	Cocaine administration decreases functional connectivity in human primary visual and motor cortex as detected by functional MRI. Magnetic Resonance in Medicine, 2000, 43, 45-51.	1.9	156
79	B0-fluctuation-induced temporal variation in EPI image series due to the disturbance of steady-state free precession. Magnetic Resonance in Medicine, 2000, 44, 758-765.	1.9	44
80	B0-fluctuation-induced temporal variation in EPI image series due to the disturbance of steady-state free precession. , 2000, 44, 758.		2
81	Differentiation of metabolic concentrations between gray matter and white matter of human brain by invivo1H magnetic resonance spectroscopy. Magnetic Resonance in Medicine, 1998, 39, 28-33.	1.9	114
82	Detection of glutamate/glutamine resonances by1H magnetic resonance spectroscopy at 0.5 tesla. Magnetic Resonance in Medicine, 1997, 37, 615-618.	1.9	43
83	Effects of local irradiation on spin-lattice relaxation time of phosphate metabolites in mouse tumors monitored by31P magnetic resonance spectroscopy. Magnetic Resonance in Medicine, 1992, 23, 302-310.	1.9	12
84	Determination of Absolute Phosphate Metabolite Concentrations in RIF-1 Tumors in Vivo by31P-1H-2H NMR Spectroscopy Using Water as an Internal Intensity Reference. Magnetic Resonance in Medicine, 1992, 28, 105-121.	1.9	31