Chao-Gan Yan

List of Publications by Year
in descending order

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80 papers	17,762 citations	87723 38 h-index	64668 79 g-index
98 all docs	98 docs citations	98 times ranked	15064 citing authors

#	Article	IF	Citations
1	Brain structural abnormalities in adult major depressive disorder revealed by voxel- and source-based morphometry: evidence from the REST-meta-MDD Consortium. Psychological Medicine, 2023, 53, 3672-3682.	2.7	10
2	Atypicalities in the developmental trajectory of cortico-striatal functional connectivity in autism spectrum disorder. Autism, 2022, 26, 1108-1122.	2.4	12
3	Impaired robust interhemispheric function integration of depressive brain from RESTâ€metaâ€MDD database in China. Bipolar Disorders, 2022, 24, 400-411.	1.1	8
4	Exploring self-generated thoughts in a resting state with natural language processing. Behavior Research Methods, 2022, 54, 1725-1743.	2.3	5
5	Frequency-specific age-related changes in the amplitude of spontaneous fluctuations in autism. Translational Pediatrics, 2022, 11, 349-358.	0.5	2
6	The DIRECT consortium and the REST-meta-MDD project: towards neuroimaging biomarkers of major depressive disorder. Psychoradiology, 2022, 2, 32-42.	1.0	19
7	Reduced nucleus accumbens functional connectivity in reward network and default mode network in patients with recurrent major depressive disorder. Translational Psychiatry, 2022, 12, .	2.4	20
8	Measurement reliability for individual differences in multilayer network dynamics: Cautions and considerations. NeuroImage, 2021, 225, 117489.	2.1	24
9	Aberrant triple-network connectivity patterns discriminate biotypes of first-episode medication-naive schizophrenia in two large independent cohorts. Neuropsychopharmacology, 2021, 46, 1502-1509.	2.8	19
10	<scp>Eightâ€week</scp> antidepressant treatment reduces functional connectivity in <scp>firstâ€episode drugâ€naÃ¯ve</scp> patients with major depressive disorder. Human Brain Mapping, 2021, 42, 2593-2605.	1.9	29
11	Disrupted hemispheric connectivity specialization in patients with major depressive disorder: Evidence from the REST-meta-MDD Project. Journal of Affective Disorders, 2021, 284, 217-228.	2.0	23
12	The contributions of brain structural and functional variance in predicting age, sex and treatment. NeuroImage Reports, 2021, 1, 100024.	0.5	0
13	Centering inclusivity in the design of online conferencesâ€”An OHBMâ€“Open Science perspective. GigaScience, 2021, 10, .	3.3	14
14	Disrupted intrinsic functional brain topology in patients with major depressive disorder. Molecular Psychiatry, 2021, 26, 7363-7371.	4.1	82
15	DPABISurf: data processing & analysis for brain imaging on surface. Science Bulletin, 2021, 66, 2453-2455.	4.3	35
16	Small P values may not yield robust findings: an example using REST-meta-PD. Science Bulletin, 2021, 66, 2148-2152.	4.3	21
17	Hypostability in the default mode network and hyperstability in the frontoparietal control network of dynamic functional architecture during rumination. NeuroImage, 2021, 241, 118427.	2.1	12
18	Brain structural alterations in MDD patients with gastrointestinal symptoms: Evidence from the REST-meta-MDD project. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110386.	2.5	18

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19	Stability of dynamic functional architecture differs between brain networks and states. NeuroImage, 2020, 216, 116230.	2.1	39
20	Rumination and the default mode network: Meta-analysis of brain imaging studies and implications for depression. NeuroImage, 2020, 206, 116287.	2.1	280
21	Altered resting-state dynamic functional brain networks in major depressive disorder: Findings from the REST-meta-MDD consortium. NeuroImage: Clinical, 2020, 26, 102163.	1.4	76
22	Biotypes of major depressive disorder: Neuroimaging evidence from resting-state default mode network patterns. NeuroImage: Clinical, 2020, 28, 102514.	1.4	51
23	The subsystem mechanism of default mode network underlying rumination: A reproducible neuroimaging study. NeuroImage, 2020, 221, 117185.	2.1	47
24	Meditation effect in changing functional integrations across large-scale brain networks: Preliminary evidence from a meta-analysis of seed-based functional connectivity. Journal of Pacific Rim Psychology, 2020, 14, e10.	1.0	11
25	Influence of More Than 5 Years of Continuous Exposure to Antipsychotics on Cerebral Functional Connectivity of Chronic Schizophrenia. Canadian Journal of Psychiatry, 2020, 65, 463-472.	0.9	4
26	RESTplus: an improved toolkit for resting-state functional magnetic resonance imaging data processing. Science Bulletin, 2019, 64, 953-954.	4.3	156
27	Physiological significance of R-fMRI indices: Can functional metrics differentiate structural lesions (brain tumors)?. NeuroImage: Clinical, 2019, 22, 101741.	1.4	4
28	Editorial: Brain and Somatization Symptoms in Psychiatric Disorders. Frontiers in Psychiatry, 2019, 10, 146.	1.3	10
29	Reduced default mode network functional connectivity in patients with recurrent major depressive disorder. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9078-9083.	3.3	441
30	Striatal Functional Connectivity Alterations After Two-Week Antidepressant Treatment Associated to Enduring Clinical Improvement in Major Depressive Disorder. Frontiers in Psychiatry, 2019, 10, 884.	1.3	10
31	Aberrant intrinsic functional connectivity in thalamoâ€cortical networks in major depressive disorder. CNS Neuroscience and Therapeutics, 2018, 24, 1063-1072.	1.9	36
32	Reproducibility of Râ€fMRI metrics on the impact of different strategies for multiple comparison correction and sample sizes. Human Brain Mapping, 2018, 39, 300-318.	1.9	257
33	Total Salvianolic Acid Balances Brain Functional Network Topology in Rat Hippocampi Overexpressing miR-30e. Frontiers in Neuroscience, 2018, 12, 448.	1.4	5
34	Aberrant development of intrinsic brain activity in a rat model of caregiver maltreatment of offspring. Translational Psychiatry, 2017, 7, e1005-e1005.	2.4	63
35	Aberrant Temporal Connectivity in Persons at Clinical High Risk for Psychosis. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 696-705.	1.1	18
36	Identifying topological motif patterns of human brain functional networks. Human Brain Mapping, 2017, 38, 2734-2750.	1.9	19

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37	Local-to-remote cortical connectivity in amnestic mild cognitive impairment. Neurobiology of Aging, 2017, 56, 138-149.	1.5	17
38	Concordance among indices of intrinsic brain function: Insights from inter-individual variation and temporal dynamics. Science Bulletin, 2017, 62, 1572-1584.	4.3	92
39	Altered coupling of default-mode, executive-control and salience networks in Internet gaming disorder. European Psychiatry, 2017, 45, 114-120.	0.1	28
40	Altered intrinsic functional brain architecture in female patients with bulimia nervosa. Journal of Psychiatry and Neuroscience, 2017, 42, 414-423.	1.4	20
41	DPABI: Data Processing & Analysis for (Resting-State) Brain Imaging. Neuroinformatics, 2016, 14, 339-351.	1.5	2,538
42	Differential effects of methylphenidate and atomoxetine on intrinsic brain activity in children with attention deficit hyperactivity disorder. Psychological Medicine, 2016, 46, 3173-3185.	2.7	39
43	Spatiotemporal structure of intracranial electric fields induced by transcranial electric stimulation in humans and nonhuman primates. Scientific Reports, 2016, 6, 31236.	1.6	256
44	Dorsal anterior cingulate cortex in typically developing children: Laterality analysis. Developmental Cognitive Neuroscience, 2015, 15, 117-129.	1.9	11
45	Decreased functional connectivity between ventral tegmental area and nucleus accumbens in Internet gaming disorder: evidence from resting state functional magnetic resonance imaging. Behavioral and Brain Functions, 2015, 11, 37.	1.4	38
46	Identifying and Mapping Connectivity Patterns of Brain Network Hubs in Alzheimer's Disease. Cerebral Cortex, 2015, 25, 3723-3742.	1.6	270
47	Intrinsic brain indices of verbal working memory capacity in children and adolescents. Developmental Cognitive Neuroscience, 2015, 15, 67-82.	1.9	36
48	Short-term testâ€“retest reliability of resting state fMRI metrics in children with and without attention-deficit/hyperactivity disorder. Developmental Cognitive Neuroscience, 2015, 15, 83-93.	1.9	64
49	Common intrinsic connectivity states among posteromedial cortex subdivisions: Insights from analysis of temporal dynamics. NeuroImage, 2014, 93, 124-137.	2.1	104
50	The autism brain imaging data exchange: towards a large-scale evaluation of the intrinsic brain architecture in autism. Molecular Psychiatry, 2014, 19, 659-667.	4.1	1,882
51	Localizing hand motor area using resting-state fMRI: validated with direct cortical stimulation. Acta Neurochirurgica, 2014, 156, 2295-2302.	0.9	50
52	PRN: a preprint service for catalyzing R-fMRI and neuroscience related studies. F1000Research, 2014, 3, 313.	0.8	1
53	PRN: a preprint service for catalyzing R-fMRI and neuroscience related studies. F1000Research, 2014, 3, 313.	0.8	1
54	Imaging human connectomes at the macroscale. Nature Methods, 2013, 10, 524-539.	9.0	384

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55	A comprehensive assessment of regional variation in the impact of head micromovements on functional connectomics. NeuroImage, 2013, 76, 183-201.	2.1	1,331
56	Standardizing the intrinsic brain: Towards robust measurement of inter-individual variation in 1000 functional connectomes. NeuroImage, 2013, 80, 246-262.	2.1	382
57	Altered Intra- and Inter-Regional Synchronization of Superior Temporal Cortex in Deaf People. Cerebral Cortex, 2013, 23, 1988-1996.	1.6	34
58	Addressing head motion dependencies for small-world topologies in functional connectomics. Frontiers in Human Neuroscience, 2013, 7, 910.	1.0	165
59	Discriminative analysis of early Alzheimer's disease using multi-modal imaging and multi-level characterization with multi-classifier (M3). NeuroImage, 2012, 59, 2187-2195.	2.1	262
60	Low-frequency fluctuation in continuous real-time feedback of finger force: a new paradigm for sustained attention. Neuroscience Bulletin, 2012, 28, 456-467.	1.5	18
61	Effects of Different Correlation Metrics and Preprocessing Factors on Small-World Brain Functional Networks: A Resting-State Functional MRI Study. PLoS ONE, 2012, 7, e32766.	1.1	163
62	Effects of Apolipoprotein E Genotype on the Off-Line Memory Consolidation. PLoS ONE, 2012, 7, e51617.	1.1	5
63	The NKI-Rockland Sample: A Model for Accelerating the Pace of Discovery Science in Psychiatry. Frontiers in Neuroscience, 2012, 6, 152.	1.4	667
64	Spontaneous brain activity in mild cognitive impairment revealed by amplitude of low-frequency fluctuation analysis: a resting-state fMRI study. Radiologia Medica, 2012, 117, 865-871.	4.7	46
65	Granger causality analysis implementation on MATLAB: A graphic user interface toolkit for fMRI data processing. Journal of Neuroscience Methods, 2012, 203, 418-426.	1.3	139
66	5-HTTLPR Polymorphism Impacts Task-Evoked and Resting-State Activities of the Amygdala in Han Chinese. PLoS ONE, 2012, 7, e36513.	1.1	21
67	Characterizing dynamic functional connectivity in the resting brain using variable parameter regression and Kalman filtering approaches. NeuroImage, 2011, 56, 1222-1234.	2.1	105
68	Hemisphere- and gender-related differences in small-world brain networks: A resting-state functional MRI study. NeuroImage, 2011, 54, 191-202.	2.1	332
69	Aging-related changes in the default mode network and its anti-correlated networks: A resting-state fMRI study. Neuroscience Letters, 2011, 504, 62-67.	1.0	113
70	Abnormal small-world architecture of topâ€“down control networks in obsessiveâ€“compulsive disorder. Journal of Psychiatry and Neuroscience, 2011, 36, 23-31.	1.4	123
71	Spatial patterns of intrinsic brain activity in mild cognitive impairment and alzheimer's disease: A restingâ€state functional MRI study. Human Brain Mapping, 2011, 32, 1720-1740.	1.9	254
72	REST: A Toolkit for Resting-State Functional Magnetic Resonance Imaging Data Processing. PLoS ONE, 2011, 6, e25031.	1.1	1,710

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73	Sex- and Brain Sizeâ€“Related Small-World Structural Cortical Networks in Young Adults: A DTI Tractography Study. Cerebral Cortex, 2011, 21, 449-458.	1.6	231
74	Driving and Driven Architectures of Directed Small-World Human Brain Functional Networks. PLoS ONE, 2011, 6, e23460.	1.1	61
75	DPARSF: a MATLAB toolbox for â€œpipelineâ€•data analysis of resting-state fMRI. Frontiers in Systems Neuroscience, 2010, 4, 13.	1.2	2,558
76	Using coherence to measure regional homogeneity of resting-state fMRI signal. Frontiers in Systems Neuroscience, 2010, 4, 24.	1.2	83
77	Uncovering Intrinsic Modular Organization of Spontaneous Brain Activity in Humans. PLoS ONE, 2009, 4, e5226.	1.1	578
78	Spontaneous Brain Activity in the Default Mode Network Is Sensitive to Different Resting-State Conditions with Limited Cognitive Load. PLoS ONE, 2009, 4, e5743.	1.1	290
79	Functional connectivity between the thalamus and visual cortex under eyes closed and eyes open conditions: A restingâ€state fMRI study. Human Brain Mapping, 2009, 30, 3066-3078.	1.9	140
80	Fisher discriminative analysis of resting-state brain function for attention-deficit/hyperactivity disorder. NeuroImage, 2008, 40, 110-120.	2.1	217