

Trouble at Rest: How Correlation Patterns and Group Differences Affect Global Signal Regression

Brain Connectivity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Thalamocortical Asynchrony in Conditions of Spinal Cord Injury Pain in Rats. <i>Journal of Neuroscience</i> , 2012, 32, 15843-15848.	1.7	48
2	Fractionation of social brain circuits in autism spectrum disorders. <i>Brain</i> , 2012, 135, 2711-2725.	3.7	314
3	Resting State Functional Connectivity in Patients with Chronic Hallucinations. <i>PLoS ONE</i> , 2012, 7, e43516.	1.1	86
4	Age-Related Differences in Test-Retest Reliability in Resting-State Brain Functional Connectivity. <i>PLoS ONE</i> , 2012, 7, e49847.	1.1	92
5	The UCLA multimodal connectivity database: a web-based platform for brain connectivity matrix sharing and analysis. <i>Frontiers in Neuroinformatics</i> , 2012, 6, 28.	1.3	114
6	The effect of resting condition on resting-state fMRI reliability and consistency: A comparison between resting with eyes open, closed, and fixated. <i>NeuroImage</i> , 2013, 78, 463-473.	2.1	334
7	Effects of Methylphenidate on Resting-State Functional Connectivity of the Mesocorticolimbic Dopamine Pathways in Cocaine Addiction. <i>JAMA Psychiatry</i> , 2013, 70, 857.	6.0	89
8	Phenotypic Variability in Resting-State Functional Connectivity: Current Status. <i>Brain Connectivity</i> , 2013, 3, 99-120.	0.8	95
9	Chemotherapy altered brain functional connectivity in women with breast cancer: a pilot study. <i>Brain Imaging and Behavior</i> , 2013, 7, 524-532.	1.1	81
10	Fibromyalgia interacts with age to change the brain. <i>NeuroImage: Clinical</i> , 2013, 3, 249-260.	1.4	95
11	Regional homogeneity and resting state functional connectivity: Associations with exposure to early life stress. <i>Psychiatry Research - Neuroimaging</i> , 2013, 214, 247-253.	0.9	46
12	Spatial encoding and underlying circuitry in scene-selective cortex. <i>NeuroImage</i> , 2013, 83, 892-900.	2.1	37
13	Assessment of system dysfunction in the brain through MRI-based connectomics. <i>Lancet Neurology</i> , The, 2013, 12, 1189-1199.	4.9	184
14	S1 is Associated with Chronic Low Back Pain: A Functional and Structural MRI Study. <i>Molecular Pain</i> , 2013, 9, 1744-8069-9-43.	1.0	98
15	Resting state fMRI research in child psychiatric disorders. <i>European Child and Adolescent Psychiatry</i> , 2013, 22, 757-770.	2.8	24
16	Heterogeneous impact of motion on fundamental patterns of developmental changes in functional connectivity during youth. <i>NeuroImage</i> , 2013, 83, 45-57.	2.1	223
17	EEG correlates of time-varying BOLD functional connectivity. <i>NeuroImage</i> , 2013, 72, 227-236.	2.1	299
18	A novel approach for global noise reduction in resting-state fMRI: APPLECOR. <i>NeuroImage</i> , 2013, 64, 19-31.	2.1	23

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19	Local Functional Overconnectivity in Posterior Brain Regions Is Associated with Symptom Severity in Autism Spectrum Disorders. <i>Cell Reports</i> , 2013, 5, 567-572.	2.9	237
20	Abnormal brain synchrony in Down Syndrome. <i>NeuroImage: Clinical</i> , 2013, 2, 703-715.	1.4	111
21	Is there a cerebellar compensatory effort in first-episode, treatment-naive major depressive disorder at rest?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 46, 13-18.	2.5	82
22	Multiphasic modification of intrinsic functional connectivity of the rat brain during increasing levels of propofol. <i>NeuroImage</i> , 2013, 83, 581-592.	2.1	56
23	Hypnotic susceptibility modulates brain activity related to experimental placebo analgesia. <i>Pain</i> , 2013, 154, 1509-1518.	2.0	33
24	RESCALE: Voxel-specific task-fMRI scaling using resting state fluctuation amplitude. <i>NeuroImage</i> , 2013, 70, 80-88.	2.1	34
25	Functional connectivity of the cortical swallowing network in humans. <i>NeuroImage</i> , 2013, 76, 33-44.	2.1	34
26	Abnormal resting-state cerebellar-cerebral functional connectivity in treatment-resistant depression and treatment sensitive depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 51-57.	2.5	160
27	Resting-state fMRI confounds and cleanup. <i>NeuroImage</i> , 2013, 80, 349-359.	2.1	598
28	Shared and Distinct Intrinsic Functional Network Centrality in Autism and Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry</i> , 2013, 74, 623-632.	0.7	295
29	Neurophysiological Investigation of Spontaneous Correlated and Anticorrelated Fluctuations of the BOLD Signal. <i>Journal of Neuroscience</i> , 2013, 33, 6333-6342.	1.7	211
30	Learning and comparing functional connectomes across subjects. <i>NeuroImage</i> , 2013, 80, 405-415.	2.1	185
31	Graph analysis of the human connectome: Promise, progress, and pitfalls. <i>NeuroImage</i> , 2013, 80, 426-444.	2.1	677
32	Imaging human connectomes at the macroscale. <i>Nature Methods</i> , 2013, 10, 524-539.	9.0	384
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38	Toward reliable characterization of functional homogeneity in the human brain: Preprocessing, scan duration, imaging resolution and computational space. <i>NeuroImage</i> , 2013, 65, 374-386.	2.1	428
39	Subject specific BOLD fMRI respiratory and cardiac response functions obtained from global signal. <i>NeuroImage</i> , 2013, 72, 252-264.	2.1	54
40	Striatum-Based Circuitry of Adolescent Depression and Anhedonia. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2013, 52, 628-641.e13.	0.3	184
41	Dynamic Change of Global and Local Information Processing in Propofol-Induced Loss and Recovery of Consciousness. <i>PLoS Computational Biology</i> , 2013, 9, e1003271.	1.5	124
42	Cortical Signatures of Dyslexia and Remediation: An Intrinsic Functional Connectivity Approach. <i>PLoS ONE</i> , 2013, 8, e55454.	1.1	99
43	Effective Preprocessing Procedures Virtually Eliminate Distance-Dependent Motion Artifacts in Resting State FMRI. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-9.	0.4	260
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46	Correcting Brain-Wide Correlation Differences in Resting-State FMRI. <i>Brain Connectivity</i> , 2013, 3, 339-352.	0.8	183
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49	The Influence of the Amplitude of Low-Frequency Fluctuations on Resting-State Functional Connectivity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 118.	1.0	96
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52	Decreased Interhemispheric Coordination in Treatment-Resistant Depression: A Resting-State fMRI Study. <i>PLoS ONE</i> , 2013, 8, e71368.	1.1	68
53	BOLD Granger Causality Reflects Vascular Anatomy. <i>PLoS ONE</i> , 2013, 8, e84279.	1.1	49
54	Increased Functional Connectivity between Prefrontal Cortex and Reward System in Pathological Gambling. <i>PLoS ONE</i> , 2013, 8, e84565.	1.1	69

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67	Neural Network of Body Representation Differs between Transsexuals and Cissexuals. <i>PLoS ONE</i> , 2014, 9, e85914.	1.1	49
68	Abnormal Default-Mode Network Homogeneity in First-Episode, Drug-Naive Major Depressive Disorder. <i>PLoS ONE</i> , 2014, 9, e91102.	1.1	72
69	Organizing Heterogeneous Samples Using Community Detection of GIMME-Derived Resting State Functional Networks. <i>PLoS ONE</i> , 2014, 9, e91322.	1.1	98
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86	Resting-State Functional Connectivity Modulation and Sustained Changes After Real-Time Functional Magnetic Resonance Imaging Neurofeedback Training in Depression. <i>Brain Connectivity</i> , 2014, 4, 690-701.	0.8	122
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