

PANDA: a pipeline toolbox for analyzing brain diffusion

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Citation Report

#	ARTICLE	IF	CITATIONS
1	MIGRAINE: MRI Graph Reliability Analysis and Inference for Connectomics. , 2013, , .		8
2	Impairment of anatomical brain network in Alzheimer's disease: A study based on diffusion tensor tractography. , 2013, , .		0
3	White matter structural connectivity underlying semantic processing: evidence from brain damaged patients. <i>Brain</i> , 2013, 136, 2952-2965.	3.7	146
4	The Increase of the Functional Entropy of the Human Brain with Age. <i>Scientific Reports</i> , 2013, 3, 2853.	1.6	72
5	Local Diffusion Homogeneity (LDH): An Inter-Voxel Diffusion MRI Metric for Assessing Inter-Subject White Matter Variability. <i>PLoS ONE</i> , 2013, 8, e66366.	1.1	30
6	BrainNet Viewer: A Network Visualization Tool for Human Brain Connectomics. <i>PLoS ONE</i> , 2013, 8, e68910.	1.1	3,003
7	BrainCAT â€“ a tool for automated and combined functional magnetic resonance imaging and diffusion tensor imaging brain connectivity analysis. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 794.	1.0	12
8	Magnetic resonance imaging of healthy and diseased brain networks. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 890.	1.0	8
9	An automatic tool to facilitate the statistical group analysis of DTI. <i>Computers in Biology and Medicine</i> , 2014, 53, 76-84.	3.9	0
10	Generalized Tonic-Clonic Seizures: Aberrant Interhemispheric Functional and Anatomical Connectivity. <i>Radiology</i> , 2014, 271, 839-847.	3.6	76
11	White Matter Integrity Disruptions Associated With Cognitive Impairments in Type 2 Diabetic Patients. <i>Diabetes</i> , 2014, 63, 3596-3605.	0.3	105
12	Interhemispheric Connectivity in Drug-Naive Benign Childhood Epilepsy With Centrottemporal Spikes. <i>Medicine (United States)</i> , 2015, 94, e1550.	0.4	19
13	The relationships between the identified critical nodes within DTI-based brain structural network using hub measurements and vulnerability measurement. , 2015, 2015, 422-5.		1
14	A connectivity-based test-retest dataset of multi-modal magnetic resonance imaging in young healthy adults. <i>Scientific Data</i> , 2015, 2, 150056.	2.4	51
15	Identification of Amnesic Mild Cognitive Impairment Using Multi-Modal Brain Features: A Combined Structural MRI and Diffusion Tensor Imaging Study. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 509-522.	1.2	26
16	Association of White Matter Integrity and Cognitive Functions in Chinese Non-Demented Elderly with the APOE ϵ 4 Allele. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 781-791.	1.2	17
17	The semantic anatomical network: Evidence from healthy and brain-damaged patient populations. <i>Human Brain Mapping</i> , 2015, 36, 3499-3515.	1.9	31
18	Connectome Reorganization Associated With Surgical Outcome in Temporal Lobe Epilepsy. <i>Medicine (United States)</i> , 2015, 94, e1737.	0.4	31

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19	The Structural Connectivity Pattern of the Default Mode Network and Its Association with Memory and Anxiety. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 152.	0.9	33
20	GRETNA: a graph theoretical network analysis toolbox for imaging connectomics. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 386.	1.0	758
21	Parallel workflow tools to facilitate human brain MRI post-processing. <i>Frontiers in Neuroscience</i> , 2015, 9, 171.	1.4	8
22	Progressive Gender Differences of Structural Brain Networks in Healthy Adults: A Longitudinal, Diffusion Tensor Imaging Study. <i>PLoS ONE</i> , 2015, 10, e0118857.	1.1	84
23	Reorganization of Anatomical Connectome following Electroconvulsive Therapy in Major Depressive Disorder. <i>Neural Plasticity</i> , 2015, 2015, 1-8.	1.0	22
24	A Matlab user interface for the statistically assisted fluid registration algorithm and tensor-based morphometry. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
25	Variability of structurally constrained and unconstrained functional connectivity in schizophrenia. <i>Human Brain Mapping</i> , 2015, 36, 4529-4538.	1.9	9
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30	Multimodal Imaging of Brain Connectivity Using the MIBCA Toolbox: Preliminary Application to Alzheimer's Disease. <i>IEEE Transactions on Nuclear Science</i> , 2015, 62, 604-611.	1.2	4
31	The White Matter Structural Network Underlying Human Tool Use and Tool Understanding. <i>Journal of Neuroscience</i> , 2015, 35, 6822-6835.	1.7	34
32	Microstructural White Matter Abnormalities and Cognitive Dysfunction in Subcortical Ischemic Vascular Disease: an Atlas-Based Diffusion Tensor Analysis Study. <i>Journal of Molecular Neuroscience</i> , 2015, 56, 363-370.	1.1	37
33	Aberrant White Matter Networks Mediate Cognitive Impairment in Patients with Silent Lacunar Infarcts in Basal Ganglia Territory. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 1426-1434.	2.4	18
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36	Abnormal organization of white matter networks in patients with subjective cognitive decline and mild cognitive impairment. <i>Oncotarget</i> , 2016, 7, 48953-48962.	0.8	38

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39	An Intracranial Electroencephalography (iEEG) Brain Function Mapping Tool with an Application to Epilepsy Surgery Evaluation. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 15.	1.3	28
40	Disturbed Interhemispheric Functional Connectivity Rather than Structural Connectivity in Irritable Bowel Syndrome. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 141.	1.4	22
41	Alterations in Brain Structure and Functional Connectivity in Alcohol Dependent Patients and Possible Association with Impulsivity. <i>PLoS ONE</i> , 2016, 11, e0161956.	1.1	66
42	Schizophrenia Patients Demonstrate Both Inter-Voxel Level and Intra-Voxel Level White Matter Alterations. <i>PLoS ONE</i> , 2016, 11, e0162656.	1.1	22
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53	Reduced local diffusion homogeneity as a biomarker for temporal lobe epilepsy. <i>Medicine (United States)</i> , 2016, 95, 12.	0.4	12
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63	Alterations of white matter structural networks in patients with non-neuropsychiatric systemic lupus erythematosus identified by probabilistic tractography and connectivity-based analyses. <i>NeuroImage: Clinical</i> , 2017, 13, 349-360.	1.4	14
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74	Executive function and functional and structural brain differences in middle-age adults with autism spectrum disorder. <i>Autism Research</i> , 2017, 10, 1945-1959.	2.1	66
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83	Disrupted Brain Structural Connectivity: Pathological Interactions Between Genetic APOE ϵ 4 Status and Developed MCI Condition. <i>Molecular Neurobiology</i> , 2017, 54, 6999-7007.	1.9	18
84	Anatomic Insights into Disrupted Small-World Networks in Pediatric Posttraumatic Stress Disorder. <i>Radiology</i> , 2017, 282, 826-834.	3.6	45
85	Topological Alterations and Symptom-Relevant Modules in the Whole-Brain Structural Network in Semantic Dementia. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1283-1297.	1.2	3
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87	The Abnormality of Topological Asymmetry between Hemispheric Brain White Matter Networks in Alzheimer's Disease and Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 261.	1.7	52
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118	Alterations in Brain Network Topology and Structural-Functional Connectome Coupling Relate to Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 404.	1.7	52
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149	Large-scale white matter network reorganization in posttraumatic stress disorder. <i>Human Brain Mapping</i> , 2019, 40, 4801-4812.	1.9	17
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