Dongdong Lin

List of Publications by Year
in descending order

43 papers	1,685 citations	331670 21 h-index	345221 36 g-index
47 all docs	47 docs citations	47 times ranked	3048 citing authors

#	Article	IF	Citations
1	Interaction among subsystems within default mode network diminished in schizophrenia patients: A dynamic connectivity approach. Schizophrenia Research, 2016, 170, 55-65.	2.0	197
2	Multimodal neuromarkers in schizophrenia via cognition-guided MRI fusion. Nature Communications, 2018, 9, 3028.	12.8	127
3	Dynamic functional connectivity impairments in early schizophrenia and clinical high-risk for psychosis. NeuroImage, 2018, 180, 632-645.	4.2	125
4	Correspondence between fMRI and SNP data by group sparse canonical correlation analysis. Medical Image Analysis, 2014, 18, 891-902.	11.6	123
5	Identifying dynamic functional connectivity biomarkers using GIG-ICA: Application to schizophrenia, schizoaffective disorder, and psychotic bipolar disorder. Human Brain Mapping, 2017, 38, 2683-2708.	3.6	111
6	Predicting individualized clinical measures by a generalized prediction framework and multimodal fusion of MRI data. NeuroImage, 2017, 145, 218-229.	4.2	95
7	Gender Differences in Connectome-based Predictions of Individualized Intelligence Quotient and Sub-domain Scores. Cerebral Cortex, 2020, 30, 888-900.	2.9	92
8	Group sparse canonical correlation analysis for genomic data integration. BMC Bioinformatics, 2013, 14, 245.	2.6	91
9	Connectome-based individualized prediction of temperament trait scores. NeuroImage, 2018, 183, 366-374.	4.2	73
10	Characterization of cross-tissue genetic-epigenetic effects and their patterns in schizophrenia. Genome Medicine, 2018, 10, 13.	8.2	51
11	SMRI Biomarkers Predict Electroconvulsive Treatment Outcomes: Accuracy with Independent Data Sets. Neuropsychopharmacology, 2018, 43, 1078-1087.	5.4	49
12	Sparse models for correlative and integrative analysis of imaging and genetic data. Journal of Neuroscience Methods, 2014, 237, 69-78.	2.5	45
13	Transplanting Fecal Virus-Like Particles Reduces High-Fat Diet-Induced Small Intestinal Bacterial Overgrowth in Mice. Frontiers in Cellular and Infection Microbiology, 2019, 9, 348.	3.9	40
14	Identifying functional network changing patterns in individuals at clinical high-risk for psychosis and patients with early illness schizophrenia: A group ICA study. NeuroImage: Clinical, 2018, 17, 335-346.	2.7	35
15	A Schizophrenia-Related Genetic-Brain-Cognition Pathway Revealed in a Large Chinese Population. EBioMedicine, 2018, 37, 471-482.	6.1	31
16	Adaptive sparse multiple canonical correlation analysis with application to imaging (epi)genomics study of schizophrenia. IEEE Transactions on Biomedical Engineering, 2017, 65, 1-1.	4.2	30
17	An integrative imputation method based on multi-omics datasets. BMC Bioinformatics, 2016, 17, 247.	2.6	29
18	Comparison of statistical methods for subnetwork detection in the integration of gene expression and protein interaction network. BMC Bioinformatics, 2017, 18, 149.	2.6	29

#	ARTICLE	IF	CITATIONS
19	Neural correlates of cognitive function and symptoms in attention-deficit/hyperactivity disorder in adults. NeuroImage: Clinical, 2018, 19, 374-383.	2.7	29
20	Cross-Tissue Exploration of Genetic and Epigenetic Effects on Brain Gray Matter in Schizophrenia. Schizophrenia Bulletin, 2018, 44, 443-452.	4.3	29
21	Structural Brain Architectures Match Intrinsic Functional Networks and Vary across Domains: A Study from 15â€‰000+ Individuals. Cerebral Cortex, 2020, 30, 5460-5470.	2.9	28
22	Association between the oral microbiome and brain resting state connectivity in smokers. NeuroImage, 2019, 200, 121-131.	4.2	25
23	Integrating fMRI and SNP data for biomarker identification for schizophrenia with a sparse representation based variable selection method. BMC Medical Genomics, 2013, 6, S2.	1.5	24
24	Integrative analysis of multiple diverse omics datasets by sparse group multitask regression. Frontiers in Cell and Developmental Biology, 2014, 2, 62.	3.7	23
25	Parallel group ICA+ICA: Joint estimation of linked functional network variability and structural covariation with application to schizophrenia. Human Brain Mapping, 2019, 40, 3795-3809.	3.6	23
26	Comparison of IVA and GIG-ICA in Brain Functional Network Estimation Using fMRI Data. Frontiers in Neuroscience, 2017, 11, 267.	2.8	22
27	Fast and Accurate Detection of Complex Imaging Genetics Associations Based on Greedy Projected Distance Correlation. IEEE Transactions on Medical Imaging, 2018, 37, 860-870.	8.9	17
28	Variability in Resting State Network and Functional Network Connectivity Associated With Schizophrenia Genetic Risk: A Pilot Study. Frontiers in Neuroscience, 2018, 12, 114.	2.8	17
29	Opposite Epigenetic Associations With Alcohol Use and Exercise Intervention. Frontiers in Psychiatry, 2018, 9, 594.	2.6	15
30	Brain function, structure and genomic data are linked but show different sensitivity to duration of illness and disease stage in schizophrenia. NeuroImage: Clinical, 2019, 23, 101887.	2.7	14
31	An improved sparse representation model with structural information for Multicolour Fluorescence In-Situ Hybridization (M-FISH) image classification. BMC Systems Biology, 2013, 7, S5.	3.0	8
32	A Systemic Analysis of Transcriptomic and Epigenomic Data To Reveal Regulation Patterns for Complex Disease. G3: Genes, Genomes, Genetics, 2017, 7, 2271-2279.	1.8	7
33	Exploring different impaired speed of genetic-related brain function and structures in schizophrenic progress using multimodal analysis*. , 2018, 2018, 4126-4129.		4
34	Genetics Modulate Gray Matter Variation Beyond Disease Burden in Prodromal Huntingtonâ€™s Disease. Frontiers in Neurology, 2018, 9, 190.	2.4	4
35	CHOmics: A web-based tool for multi-omics data analysis and interactive visualization in CHO cell lines. PLoS Computational Biology, 2020, 16, e1008498.	3.2	4
36	Editorial: Identifying Neuroimaging-Based Markers for Distinguishing Brain Disorders. Frontiers in Neuroscience, 2020, 14, 327.	2.8	1

#	Article	IF	Citations
37	Segmentation of multicolor fluorescence in situ hybridization images using an improved fuzzy C-means clustering algorithm by incorporating both spatial and spectral information. Journal of Medical Imaging, 2017, 4, 1.	1.5	1
38	Title is missing!. , 2020, 16, e1008498.		0
39	Title is missing!. , 2020, 16, e1008498.		0
40	Title is missing!. , 2020, 16, e1008498.		0
41	Title is missing!. , 2020, 16, e1008498.		0
42	Title is missing!. , 2020, 16, e1008498.		0
43	Title is missing!. , 2020, 16, e1008498.		0