Liyu Huang

List of Publications by Year
in descending order

36 papers	620 citations	840776 11 h-index	642732 23 g-index
36 all docs	36 docs citations	36 times ranked	1096 citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical thickness differences are associated with cellular component morphogenesis of astrocytes and excitatory neurons in nonsuicidal self-injuring youth. Cerebral Cortex, 2023, 33, 811-822.	2.9	4
2	Structural brain characteristics and gene co-expression analysis: a study with outcome label from normal cognition to mild cognitive impairment. Neurobiology of Learning and Memory, 2022, , 107620.	1.9	0
3	Differentiating propofol-induced altered states of consciousness using features of EEG microstates. Biomedical Signal Processing and Control, 2021, 64, 102316.	5.7	5
4	Evaluating the severity of aortic coarctation in infants using anatomic features measured on CTA. European Radiology, 2021, 31, 1216-1226.	4.5	4
5	Detecting Connected Consciousness During Propofol-Induced Anesthesia Using EEG Based Brain Decoding. International Journal of Neural Systems, 2021, 31, 2150021.	5.2	6
6	Association between structural brain features and gene expression by weighted gene co-expression network analysis in conversion from MCI to AD. Behavioural Brain Research, 2021, 410, 113330.	2.2	4
7	Differences in Brain Structural Covariance Network Characteristics in Children and Adults With Autism Spectrum Disorder. Autism Research, 2021, 14, 265-275.	3.8	6
8	Cortical Thickness Differences Are Associated With Chemical Synaptic Transmission Upregulated Genes in Degeneration of Mild Cognitive Impairment. Frontiers in Aging Neuroscience, 2021, 13, 745381.	3.4	3
9	Effects of the 5-HT2A and DRD3 genotypes on cortical morphology and functional connectivity density in drug-naïve first episode schizophrenia. Schizophrenia Research, 2020, 216, 213-221.	2.0	3
10	Association of rs1059004 polymorphism in the OLIG2 locus with whole-brain functional connectivity in first-episode schizophrenia. Behavioural Brain Research, 2020, 379, 112392.	2.2	3
11	Genetic polymorphism in catechol‐O‐methyltransferase associated with the functional connectivity of frontostriatal circuits in first episode schizophrenia patients. European Journal of Neuroscience, 2020, 51, 2134-2142.	2.6	4
12	Radiomics-Based Preoperative Prediction of Lymph Node Status Following Neoadjuvant Therapy in Locally Advanced Rectal Cancer. Frontiers in Oncology, 2020, 10, 604.	2.8	34
13	Association of rs1059004 polymorphism in the OLIG2 locus with functional brain network in first-episode negative schizophrenia. Psychiatry Research - Neuroimaging, 2020, 303, 111130.	1.8	2
14	Abnormalities of effective connectivity and white matter microstructure in the triple network in patients with schizophrenia. Psychiatry Research, 2020, 290, 113019.	3.3	5
15	Preoperative prediction of parametrial invasion in early-stage cervical cancer with MRI-based radiomics nomogram. European Radiology, 2020, 30, 3585-3593.	4.5	36
16	Modulation on Glutamic Pathway of Frontal-Striatum-Thalamus by rs11146020 and rs3813296 Gene Polymorphism in First-Episode Negative Schizophrenia. Frontiers in Neuroscience, 2020, 14, 351.	2.8	3
17	Enhanced Upconversion Luminescence-Guided Synergistic Antitumor Therapy Based on Photodynamic Therapy and Immune Checkpoint Blockade. Chemistry of Materials, 2020, 32, 4627-4640.	6.7	50
18	The Functional Impact of Alternative Splicing on the Survival Prognosis of Triple-Negative Breast Cancer. Frontiers in Genetics, 2020, 11, 604262.	2.3	7

#	Article	IF	Citations
19	Improving initial nodal staging of T3 rectal cancer using quantitative image features. British Journal of Surgery, 2020, 107, e541-e542.	0.3	0
20	Potential biomarkers for distinguishing people with Alzheimer's disease from cognitively intact elderly based on the rich-club hierarchical structure of white matter networks. Neuroscience Research, 2019, 144, 56-66.	1.9	16
21	Investigating dynamic functional network patterns after propofol-induced loss of consciousness. Clinical Neurophysiology, 2019, 130, 331-340.	1.5	10
22	Association between schizophrenia risk allele dosage of rs6994992 and whole-brain structural and functional characteristics. Psychiatry Research - Neuroimaging, 2019, 294, 110956.	1.8	3
23	Preoperative prediction of pelvic lymph nodes metastasis in early-stage cervical cancer using radiomics nomogram developed based on T2-weighted MRI and diffusion-weighted imaging. European Journal of Radiology, 2019, 114, 128-135.	2.6	75
24	Genetic contribution of catechol-O-methyltransferase in dorsolateral prefrontal cortex functional changes in the first episode schizophrenia. Behavioural Brain Research, 2019, 364, 225-232.	2.2	11
25	Development of a radiomics nomogram based on the 2D and 3D CT features to predict the survival of non-small cell lung cancer patients. European Radiology, 2019, 29, 2196-2206.	4.5	107
26	Association between function and structure of the triple network and catechol-O-methyltransferase val158met polymorphism in the first episode schizophrenia. Neuroscience Letters, 2018, 687, 65-70.	2.1	8
27	Large-Deformation Image Registration of CT-TEE for Surgical Navigation of Congenital Heart Disease. Computational and Mathematical Methods in Medicine, 2018, 2018, 1-11.	1.3	4
28	Differentiated Regional Homogeneity in Progressive Mild Cognitive Impairment: A Study With Post Hoc Label. American Journal of Alzheimer's Disease and Other Dementias, 2018, 33, 373-384.	1.9	20
29	Investigation of hysteresis during anesthetic-induced unconsciousness by using brain functional networks. Biomedical Signal Processing and Control, 2018, 46, 314-322.	5.7	0
30	Modulation on brain gray matter activity and white matter integrity by APOE Îµ4 risk gene in cognitively intact elderly: A multimodal neuroimaging study. Behavioural Brain Research, 2017, 322, 100-109.	2.2	14
31	Genetic contribution of catechol‐*O*‐methyltransferase in hippocampal structural and functional changes of female migraine sufferers. Human Brain Mapping, 2015, 36, 1782-1795.	3.6	26
32	Altered Functional Connectivity of Fusiform Gyrus in Subjects with Amnestic Mild Cognitive Impairment: A Resting-State fMRI Study. Frontiers in Human Neuroscience, 2015, 9, 471.	2.0	47
33	Changes in Thalamic Connectivity in the Early and Late Stages of Amnestic Mild Cognitive Impairment: A Resting-State Functional Magnetic Resonance Study from ADNI. PLoS ONE, 2015, 10, e0115573.	2.5	63
34	Quantitative cone beam X-ray luminescence tomography/X-ray computed tomography imaging. Applied Physics Letters, 2014, 105, .	3.3	31
35	ENERGY FEATURE EXTRACTION AND SVM CLASSIFICATION OF MOTOR IMAGERY-INDUCED ELECTROENCEPHALOGRAMS. Journal of Innovative Optical Health Sciences, 2012, 05, 1250006.	1.0	6
36	Selective corticocortical connectivity suppression during propofol-induced anesthesia in healthy volunteers. Cognitive Neurodynamics, 0, , 1.	4.0	0