Tian-Yu Tang

List of Publications by Year
in descending order

35 papers	785 citations	516215 16 h-index	525886 27 g-index
35 all docs	35 docs citations	35 times ranked	1194 citing authors

#	Article	IF	Citations
1	White matter impairments in autism, evidence from voxel-based morphometry and diffusion tensor imaging. Brain Research, 2009, 1265, 171-177.	1.1	102
2	Altered regional homogeneity patterns in adults with attention-deficit hyperactivity disorder. European Journal of Radiology, 2013, 82, 1552-1557.	1.2	90
3	Voxel-based morphometry study on brain structure in children with high-functioning autism. NeuroReport, 2008, 19, 921-925.	0.6	73
4	Detecting abnormalities of corpus callosum connectivity in autism using magnetic resonance imaging and diffusion tensor tractography. Psychiatry Research - Neuroimaging, 2011, 194, 333-339.	0.9	66
5	Radiomics Analysis on Multiphase Contrast-Enhanced CT: A Survival Prediction Tool in Patients With Hepatocellular Carcinoma Undergoing Transarterial Chemoembolization. Frontiers in Oncology, 2020, 10, 1196.	1.3	34
6	Altered Spatial and Temporal Brain Connectivity in the Salience Network of Sensorineural Hearing Loss and Tinnitus. Frontiers in Neuroscience, 2019, 13, 246.	1.4	33
7	Penumbra-based radiomics signature as prognostic biomarkers for thrombolysis of acute ischemic stroke patients: a multicenter cohort study. Journal of Neurology, 2020, 267, 1454-1463.	1.8	31
8	Deep Convolutional Neural Network-Aided Detection of Portal Hypertension in Patients With Cirrhosis. Clinical Gastroenterology and Hepatology, 2020, 18, 2998-3007.e5.	2.4	31
9	Comparison of <scp>MRI</scp> and <scp>CT</scp> for the Prediction of Microvascular Invasion in Solitary Hepatocellular Carcinoma Based on a <scp>Nonâ€Radiomics</scp> and Radiomics Method: Which Imaging Modality Is Better?. Journal of Magnetic Resonance Imaging, 2021, 54, 526-536.	1.9	27
10	Prefrontal-Temporal Pathway Mediates the Cross-Modal and Cognitive Reorganization in Sensorineural Hearing Loss With or Without Tinnitus: A Multimodal MRI Study. Frontiers in Neuroscience, 2019, 13, 222.	1.4	26
11	Collateral Status at Single-Phase and Multiphase CT Angiography versus CT Perfusion for Outcome Prediction in Anterior Circulation Acute Ischemic Stroke. Radiology, 2020, 296, 393-400.	3.6	26
12	Dissociation between Cerebellar and Cerebral Neural Activities in Humans with Long-Term Bilateral Sensorineural Hearing Loss. Neural Plasticity, 2019, 2019, 1-10.	1.0	22
13	Regional Coherence Alterations Revealed by Resting-State fMRI in Post-Stroke Patients with Cognitive Dysfunction. PLoS ONE, 2016, 11, e0159574.	1.1	22
14	Inefficient Involvement of Insula in Sensorineural Hearing Loss. Frontiers in Neuroscience, 2019, 13, 133.	1.4	21
15	Dysconnectivity of Multiple Resting-State Networks Associated With Higher-Order Functions in Sensorineural Hearing Loss. Frontiers in Neuroscience, 2019, 13, 55.	1.4	21
16	Targeted Dual Small Interfering Ribonucleic Acid Delivery via Nonâ€Viral Polymeric Vectors for Pulmonary Fibrosis Therapy. Advanced Materials, 2021, 33, e2007798.	11.1	20
17	Gender versus brain size effects on subcortical gray matter volumes in the human brain. Neuroscience Letters, 2013, 556, 79-83.	1.0	18
18	Development and validation of a penumbra-based predictive model for thrombolysis outcome in acute ischemic stroke patients. EBioMedicine, 2018, 35, 251-259.	2.7	17

#	Article	IF	Citations
19	An Increase of Sigma-1 Receptor in the Penumbra Neuron after Acute Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 1981-1987.	0.7	14
20	Sensorineural hearing loss and cognitive impairments: Contributions of thalamus using multiparametric MRI. Journal of Magnetic Resonance Imaging, 2019, 50, 787-797.	1.9	14
21	An imaging-based artificial intelligence model for non-invasive grading of hepatic venous pressure gradient in cirrhotic portal hypertension. Cell Reports Medicine, 2022, 3, 100563.	3.3	13
22	Abnormal functional connectivity and degree centrality in anterior cingulate cortex in patients with long-term sensorineural hearing loss. Brain Imaging and Behavior, 2020, 14, 682-695.	1.1	12
23	Abnormal Cingulum Bundle Induced by Type 2 Diabetes Mellitus: A Diffusion Tensor Tractography Study. Frontiers in Aging Neuroscience, 2020, 12, 594198.	1.7	10
24	Predictive models of minimal hepatic encephalopathy for cirrhotic patients based on large-scale brain intrinsic connectivity networks. Scientific Reports, 2017, 7, 11512.	1.6	8
25	Disturbed Interhemispheric Functional and Structural Connectivity in Type 2 Diabetes. Journal of Magnetic Resonance Imaging, 2022, 55, 424-434.	1.9	8
26	Disrupted Amygdala Connectivity Is Associated With Elevated Anxiety in Sensorineural Hearing Loss. Frontiers in Neuroscience, 2020, 14, 616348.	1.4	7
27	Beyond collaterals: brain frailty additionally improves prediction of clinical outcome in acute ischemic stroke. European Radiology, 2022, 32, 6943-6952.	2.3	6
28	High-frequency Noise-induced Hearing Loss Disrupts Functional Connectivity in Non-auditory Areas with Cognitive Disturbances. Neuroscience Bulletin, 2021, 37, 720-724.	1.5	5
29	ISP-Net: Fusing features to predict ischemic stroke infarct core on CT perfusion maps. Computer Methods and Programs in Biomedicine, 2022, 215, 106630.	2.6	3
30	Non-invasive score using non-contrast-enhanced MRI for identification of clinically significant portal hypertension (CHESS1802): a prospective, multicentre study. Lancet, The, 2019, 394, S75.	6.3	2
31	Characterizing Diaschisis-Related Thalamic Perfusion and Diffusion After Middle Cerebral Artery Infarction. Stroke, 2021, 52, 2319-2327.	1.0	2
32	An Analysis Method of the Fiber Tractography of Corpus Callosum in Autism Based on Diffusion Tensor Imaging Data. , 2008, , .		1
33	A Critical Role of the Insula in Sensorineural Hearing Loss. SSRN Electronic Journal, 0, , .	0.4	0
34	Dysconnectivity Involving Multiple Resting-State Networks Associated with Cognitive and Emotional Functions in Long-Term Sensorineural Hearing Loss Patients. SSRN Electronic Journal, 0, , .	0.4	0
35	Non-Invasive Score Based on Non-Contrast-Enhanced MRI for Detecting Portal Hypertension (CHESS1802): An International Multicentre Study. SSRN Electronic Journal, 0, , .	0.4	0