

Yu-Chen Chen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

1,407
citations

19
h-index

33
g-index

131
ext. papers

2,099
ext. citations

4.9
avg, IF

4.79
L-index

#	Paper	IF	Citations
114	Brain Surface Area Alterations Correlate With Gait Impairments in Parkinson's Disease.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 806026	5.3	0
113	Development and external validation of a stability machine learning model to identify wake-up stroke onset time from MRI.. <i>European Radiology</i> , 2022 , 1	8	0
112	Specific brain network predictors of interventions with different mechanisms for tinnitus patients.. <i>EBioMedicine</i> , 2022 , 76, 103862	8.8	1
111	Disrupted Dynamic Functional Connectivity of the Visual Network in Episodic Patients with Migraine without Aura.. <i>Neural Plasticity</i> , 2022 , 2022, 9941832	3.3	0
110	Topological features of limbic dysfunction in chronicity of tinnitus with intact hearing: New hypothesis for noise-cancellation mechanism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022 , 113, 110459	5.5	0
109	Disrupted Functional Connectivity of the Amygdala Predicts the Efficacy of Non-steroidal Anti-inflammatory Drugs in Migraineurs Without Aura.. <i>Frontiers in Molecular Neuroscience</i> , 2022 , 15, 819507	6.1	0
108	Cerebral Blood Flow and its Connectivity Deficits in Patients With Lung Cancer After Chemotherapy.. <i>Frontiers in Molecular Biosciences</i> , 2022 , 9, 761272	5.6	0
107	Vestibular Cochlear Manifestations in COVID-19 Cases.. <i>Frontiers in Neurology</i> , 2022 , 13, 850337	4.1	0
106	MRI Radiomics Features From Infarction and Cerebrospinal Fluid for Prediction of Cerebral Edema After Acute Ischemic Stroke.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 782036	5.3	0
105	Early disturbance of dynamic synchronization and neurovascular coupling in cognitively normal Parkinson's disease.. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2022 , 271678X221098503	7.3	1
104	Alterations to cognitive abilities and functional networks in rats post broad-band intense noise exposure.. <i>Brain Imaging and Behavior</i> , 2022 , 1	4.1	0
103	Magnetic Resonance Imaging has Better Accuracy in Detecting New-Onset Rib Fractures as Compared to Computed Tomography. <i>Medical Science Monitor</i> , 2021 , 27, e928463	3.2	0
102	Magnetic Resonance Imaging has Better Accuracy in Detecting New-Onset Rib Fractures as Compared to Computed Tomography. <i>Medical Science Monitor</i> , 2021 , 27, e928463	3.2	0
101	Aberrant Brain Functional Connectivity Strength and Effective Connectivity in Patients with Type 2 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , 2021 , 2021, 5171618	3.9	0
100	Altered static and dynamic functional network connectivity in post-traumatic headache. <i>Journal of Headache and Pain</i> , 2021 , 22, 137	8.8	1
99	Region-Specific Neurovascular Decoupling Associated With Cognitive Decline in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 770528	5.3	1
98	The Relationship between Patterns of Remodeling and Degree of Enhancement in Patients with Atherosclerotic Middle Cerebral Artery Stenosis: A High-Resolution MRI Study.. <i>Neurology India</i> , 2021 , 69, 1663-1669	0.7	0

97	Abnormal Static and Dynamic Functional Network Connectivity in Patients With Presbycusis.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 774901	5.3	0
96	Hybrid PET-MRI for early detection of dopaminergic dysfunction and microstructural degradation involved in Parkinson's disease. <i>Communications Biology</i> , 2021 , 4, 1162	6.7	2
95	A deep learning-based model for prediction of hemorrhagic transformation after stroke. <i>Brain Pathology</i> , 2021 , e13023	6	1
94	Dynamic functional network connectivity reveals the brain functional alterations in lung cancer patients after chemotherapy. <i>Brain Imaging and Behavior</i> , 2021 , 1	4.1	1
93	Functional Neuroanatomy of Salicylate- and Noise-Induced Tinnitus and Hyperacusis. <i>Current Topics in Behavioral Neurosciences</i> , 2021 , 51, 133-160	3.4	6
92	Alterations of brain network topology and structural connectivity-functional connectivity coupling in capsular versus pontine stroke. <i>European Journal of Neurology</i> , 2021 , 28, 1967-1976	6	2
91	Deep learning based automatic diagnosis of first-episode psychosis, bipolar disorder and healthy controls. <i>Computerized Medical Imaging and Graphics</i> , 2021 , 89, 101882	7.6	4
90	Efficacy of modified pressure cuff for thrombolytic treatment on lower extremity deep venous thrombosis. <i>Medicine (United States)</i> , 2021 , 100, e25664	1.8	
89	Functional connectivity of the visual cortex differentiates anxiety comorbidity from episodic migraineurs without aura. <i>Journal of Headache and Pain</i> , 2021 , 22, 40	8.8	4
88	Aberrant cerebral blood flow in tinnitus patients with migraine: a perfusion functional MRI study. <i>Journal of Headache and Pain</i> , 2021 , 22, 61	8.8	4
87	Characteristics of the Computed Tomography Imaging Findings in 72 Patients with Airway-Invasive Pulmonary Aspergillosis. <i>Medical Science Monitor</i> , 2021 , 27, e931162	3.2	
86	Aberrant functional and effective connectivity of the frontostriatal network in unilateral acute tinnitus patients with hearing loss. <i>Brain Imaging and Behavior</i> , 2021 , 1	4.1	1
85	Assessment of normalized cerebral blood flow and its connectivity with migraines without aura during interictal periods by arterial spin labeling. <i>Journal of Headache and Pain</i> , 2021 , 22, 72	8.8	2
84	Disrupted brain functional network topology in unilateral acute brainstem ischemic stroke. <i>Brain Imaging and Behavior</i> , 2021 , 15, 444-452	4.1	4
83	Motor asymmetry related cerebral perfusion patterns in Parkinson's disease: An arterial spin labeling study. <i>Human Brain Mapping</i> , 2021 , 42, 298-309	5.9	9
82	Aberrant brain functional hubs and causal connectivity in presbycusis. <i>Brain Imaging and Behavior</i> , 2021 , 15, 453-463	4.1	0
81	Alterations of brain activity and functional connectivity in transition from acute to chronic tinnitus. <i>Human Brain Mapping</i> , 2021 , 42, 485-494	5.9	14
80	An automatic machine learning approach for ischemic stroke onset time identification based on DWI and FLAIR imaging. <i>NeuroImage: Clinical</i> , 2021 , 31, 102744	5.3	1

79	Aberrant activity within auditory network is associated with psychiatric comorbidities in interictal migraineurs without aura. <i>Brain Imaging and Behavior</i> , 2021 , 15, 2464-2471	4.1	2
78	A preliminary study of cortical morphology changes in acute brainstem ischemic stroke patients. <i>Medicine (United States)</i> , 2021 , 100, e24262	1.8	1
77	Review: Neural Mechanisms of Tinnitus and Hyperacusis in Acute Drug-Induced Ototoxicity. <i>American Journal of Audiology</i> , 2021 , 30, 901-915	1.8	4
76	Aberrant cerebral perfusion pattern in amnesic mild cognitive impairment and Parkinson's disease with mild cognitive impairment: a comparative arterial spin labeling study. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 3082-3097	3.6	2
75	Minute pulmonary meningotheelial-like nodules: rare lesions appearing as diffuse ground-glass nodules with cyst-like morphology. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 3355-3359	3.6	0
74	Altered Brain Functional Network Topology in Lung Cancer Patients After Chemotherapy. <i>Frontiers in Neurology</i> , 2021 , 12, 710078	4.1	0
73	Predictive value of perfusion weighted imaging for early new lesions after stroke patients receive endovascular treatment. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 3643-3654	3.6	
72	Aberrant Static and Dynamic Functional Network Connectivity in Acute Mild Traumatic Brain Injury with Cognitive Impairment. <i>Clinical Neuroradiology</i> , 2021 , 1	2.7	3
71	SARS-CoV-2 Delta VOC pneumonia with CT follow-ups: A case report. <i>Journal of Medical Virology</i> , 2021 ,	19.7	
70	Reduced functional network connectivity is associated with upper limb dysfunction in acute ischemic brainstem stroke. <i>Brain Imaging and Behavior</i> , 2021 , 1	4.1	1
69	Follow-up CT of "reversed halo sign" in SARS-CoV-2 delta VOC pneumonia: A report of two cases.. <i>Journal of Medical Virology</i> , 2021 ,	19.7	0
68	Disseminated <i>Nocardia farcinica</i> involves the spinal cord: a case report and review of the literature. <i>BMC Infectious Diseases</i> , 2021 , 21, 1224	4	0
67	Disruption within brain default mode network in postpartum women without depression. <i>Medicine (United States)</i> , 2020 , 99, e20045	1.8	3
66	Glucose Fluctuations Are Linked to Disrupted Brain Functional Architecture and Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 603-613	4.3	7
65	Interpretation of CT signs of 2019 novel coronavirus (COVID-19) pneumonia. <i>European Radiology</i> , 2020 , 30, 5455-5462	8	50
64	Pre-treatment Ongoing Cortical Oscillatory Activity Predicts Improvement of Tinnitus After Partial Peripheral Reafferentation With Hearing Aids. <i>Frontiers in Neuroscience</i> , 2020 , 14, 410	5.1	11
63	Peri-thrombus vascular hyperintensity sign: detection of intracranial thrombus location and length in acute ischemic stroke. <i>Japanese Journal of Radiology</i> , 2020 , 38, 516-523	2.9	1
62	Diffusion-weighted imaging (DWI) ischemic volume is related to FLAIR hyperintensity-DWI mismatch and functional outcome after endovascular therapy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 356-367	3.6	4

61	Disrupted functional network connectivity predicts cognitive impairment after acute mild traumatic brain injury. <i>CNS Neuroscience and Therapeutics</i> , 2020 , 26, 1083	6.8	12
60	. <i>IEEE Access</i> , 2020 , 8, 17527-17534	3.5	5
59	Altered lateral geniculate nucleus functional connectivity in migraine without aura: a resting-state functional MRI study. <i>Journal of Headache and Pain</i> , 2020 , 21, 17	8.8	10
58	Altered Dynamic Neural Activity in the Default Mode Network in Lung Cancer Patients After Chemotherapy. <i>Medical Science Monitor</i> , 2020 , 26, e921700	3.2	8
57	Functional Brain Network Estimation with Human-Guided Modularity Representation. <i>IFAC-PapersOnLine</i> , 2020 , 53, 786-791	0.7	1
56	Predictive value of Alberta stroke program early CT score for perfusion weighted imaging - diffusion weighted imaging mismatch in stroke with middle cerebral artery occlusion. <i>Medicine (United States)</i> , 2020 , 99, e23490	1.8	
55	Cerebral Blood Flow and Its Connectivity Deficits in Mild Traumatic Brain Injury at the Acute Stage. <i>Neural Plasticity</i> , 2020 , 2020, 2174371	3.3	5
54	Altered hypothalamic functional connectivity in post-traumatic headache after mild traumatic brain injury. <i>Journal of Headache and Pain</i> , 2020 , 21, 93	8.8	5
53	Mapping the Interactive Effects of ApoE Gene Polymorphism on Caudate Functional Connectivity in Mild Cognitive Impairment Associated With Parkinson Disease. <i>Frontiers in Neuroscience</i> , 2020 , 14, 857	5.1	1
52	Impaired effective functional connectivity of the sensorimotor network in interictal episodic migraineurs without aura. <i>Journal of Headache and Pain</i> , 2020 , 21, 111	8.8	13
51	Disrupted Functional Network Connectivity Predicts Cognitive Impairment in Presbycusis Patients. <i>Frontiers in Aging Neuroscience</i> , 2020 , 12, 246	5.3	4
50	Chemotherapy-induced functional changes of the default mode network in patients with lung cancer. <i>Brain Imaging and Behavior</i> , 2020 , 14, 847-856	4.1	15
49	Alterations in effective connectivity within the Papez circuit are correlated with insulin resistance in T2DM patients without mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1238-1246	4.1	4
48	Neuroanatomical and functional alterations of insula in mild traumatic brain injury patients at the acute stage. <i>Brain Imaging and Behavior</i> , 2020 , 14, 907-916	4.1	5
47	Impaired functional connectivity of limbic system in migraine without aura. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1805-1814	4.1	14
46	FLAIR hyperintensities-DWI mismatch in acute stroke: associations with DWI volume and functional outcome. <i>Brain Imaging and Behavior</i> , 2020 , 14, 1230-1237	4.1	5
45	Directed functional connectivity of the hippocampus in patients with presbycusis. <i>Brain Imaging and Behavior</i> , 2020 , 14, 917-926	4.1	10
44	Aberrant static and dynamic functional connectivity of the executive control network in lung cancer patients after chemotherapy: a longitudinal fMRI study. <i>Brain Imaging and Behavior</i> , 2020 , 14, 927-940	4.1	7

43	Functional connectivity dysfunction of insular subdivisions in cognitive impairment after acute mild traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2020 , 14, 941-948	4.1	7
42	Functional connectivity disruption of the substantia nigra associated with cognitive impairment in acute mild traumatic brain injury. <i>European Journal of Radiology</i> , 2019 , 114, 69-75	4.7	6
41	FLAIR vascular hyperintensity in acute stroke is associated with collateralization and functional outcome. <i>European Radiology</i> , 2019 , 29, 4879-4888	8	15
40	Different Patterns of Functional Connectivity Alterations Within the Default-Mode Network and Sensorimotor Network in Basal Ganglia and Pontine Stroke. <i>Medical Science Monitor</i> , 2019 , 25, 9585-9593 ²	3.2	10
39	Disrupted brain functional hub and causal connectivity in acute mild traumatic brain injury. <i>Aging</i> , 2019 , 11, 10684-10696	5.6	9
38	Altered functional connectivity of the red nucleus and substantia nigra in migraine without aura. <i>Journal of Headache and Pain</i> , 2019 , 20, 104	8.8	15
37	Impaired intrinsic functional connectivity between the thalamus and visual cortex in migraine without aura. <i>Journal of Headache and Pain</i> , 2019 , 20, 116	8.8	26
36	Chronic Tinnitus Exhibits Bidirectional Functional Dysconnectivity in Frontostriatal Circuit. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1299	5.1	9
35	A Deep Learning-Based Radiomics Model for Differentiating Benign and Malignant Renal Tumors. <i>Translational Oncology</i> , 2019 , 12, 292-300	4.9	60
34	One-step analysis of brain perfusion and function for acute stroke patients after reperfusion: A resting-state fMRI study. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 221-229	5.6	4
33	Multi-View Intact Space Learning for Tinnitus Classification in Resting State EEG. <i>Neural Processing Letters</i> , 2019 , 49, 611-624	2.4	9
32	Lateralization effects on functional connectivity of the auditory network in patients with unilateral pulsatile tinnitus as detected by functional MRI. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018 , 81, 228-235	5.5	14
31	Tinnitus distress is associated with enhanced resting-state functional connectivity within the default mode network. <i>Neuropsychiatric Disease and Treatment</i> , 2018 , 14, 1919-1927	3.1	17
30	Disrupted Spontaneous Neural Activity Related to Cognitive Impairment in Postpartum Women. <i>Frontiers in Psychology</i> , 2018 , 9, 624	3.4	17
29	Increased Resting-State Cerebellar-Cerebral Functional Connectivity Underlying Chronic Tinnitus. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 59	5.3	16
28	Presbycusis Disrupts Spontaneous Activity Revealed by Resting-State Functional MRI. <i>Frontiers in Behavioral Neuroscience</i> , 2018 , 12, 44	3.5	22
27	Abnormal Resting-State Functional Connectivity of the Anterior Cingulate Cortex in Unilateral Chronic Tinnitus Patients. <i>Frontiers in Neuroscience</i> , 2018 , 12, 9	5.1	24
26	Corticospinal tract changes in acute brainstem ischemic stroke patients: A diffusion kurtosis imaging study. <i>Neurology India</i> , 2018 , 66, 726-732	0.7	6

25	Disrupted functional connectivity of the amygdala is associated with depressive mood in type 2 diabetes patients. <i>Journal of Affective Disorders</i> , 2018 , 228, 207-215	6.6	10
24	MRI Noise and Hearing Loss. <i>Hearing Journal</i> , 2018 , 71, 30	0.6	2
23	Alterations of the default mode network and cognitive impairment in patients with unilateral chronic tinnitus. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 1020-1029	3.6	18
22	Decreased Spontaneous Brain Activity and Functional Connectivity in Type 1 Diabetic Patients Without Microvascular Complications. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 2694-2703	3.9	10
21	Optimal threshold for the diagnosis of anemia severity on unenhanced thoracic CT: A preliminary study. <i>European Journal of Radiology</i> , 2018 , 108, 236-241	4.7	7
20	Decreased functional connectivity within the default-mode network in acute brainstem ischemic stroke. <i>European Journal of Radiology</i> , 2018 , 105, 221-226	4.7	19
19	Tinnitus distress is linked to enhanced resting-state functional connectivity from the limbic system to the auditory cortex. <i>Human Brain Mapping</i> , 2017 , 38, 2384-2397	5.9	66
18	Tinnitus and hyperacusis: Contributions of paraflocculus, reticular formation and stress. <i>Hearing Research</i> , 2017 , 349, 208-222	3.9	28
17	Amygdala functional disconnection with the prefrontal-cingulate-temporal circuit in chronic tinnitus patients with depressive mood. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2017 , 79, 249-257	5.5	12
16	Analysis of DTI-Derived Tensor Metrics in Differential Diagnosis between Low-grade and High-grade Gliomas. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 271	5.3	10
15	Collateral vessels on magnetic resonance angiography in endovascular-treated acute ischemic stroke patients associated with clinical outcomes. <i>Oncotarget</i> , 2017 , 8, 81529-81537	3.3	5
14	Precise Characterization of the Penumbra Revealed by MRI: A Modified Photothrombotic Stroke Model Study. <i>PLoS ONE</i> , 2016 , 11, e0153756	3.7	23
13	Regional Coherence Alterations Revealed by Resting-State fMRI in Post-Stroke Patients with Cognitive Dysfunction. <i>PLoS ONE</i> , 2016 , 11, e0159574	3.7	12
12	Disrupted Brain Functional Network Architecture in Chronic Tinnitus Patients. <i>Frontiers in Aging Neuroscience</i> , 2016 , 8, 174	5.3	33
11	LOX-1-Targeted Iron Oxide Nanoparticles Detect Early Diabetic Nephropathy in db/db Mice. <i>Molecular Imaging and Biology</i> , 2015 , 17, 652-60	3.8	6
10	Thalamic resting-state functional connectivity: disruption in patients with type 2 diabetes. <i>Metabolic Brain Disease</i> , 2015 , 30, 1227-36	3.9	25
9	Frequency-specific alternations in the amplitude of low-frequency fluctuations in chronic tinnitus. <i>Frontiers in Neural Circuits</i> , 2015 , 9, 67	3.5	27
8	Altered intra- and interregional synchronization in resting-state cerebral networks associated with chronic tinnitus. <i>Neural Plasticity</i> , 2015 , 2015, 475382	3.3	28

7	Altered interhemispheric functional coordination in chronic tinnitus patients. <i>BioMed Research International</i> , 2015 , 2015, 345647	3	21
6	Impairments of thalamic resting-state functional connectivity in patients with chronic tinnitus. <i>European Journal of Radiology</i> , 2015 , 84, 1277-84	4.7	42
5	Tinnitus and hyperacusis involve hyperactivity and enhanced connectivity in auditory-limbic-arousal-cerebellar network. <i>ELife</i> , 2015 , 4, e06576	8.9	129
4	Aberrant spontaneous brain activity in chronic tinnitus patients revealed by resting-state functional MRI. <i>NeuroImage: Clinical</i> , 2014 , 6, 222-8	5.3	51
3	Altered spontaneous brain activity in type 2 diabetes: a resting-state functional MRI study. <i>Diabetes</i> , 2014 , 63, 749-60	0.9	136
2	In vivo MRI detection of carotid atherosclerotic lesions and kidney inflammation in ApoE-deficient mice by using LOX-1 targeted iron nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014 , 10, 639-49	6	42
1	Aberrant brain functional connectivity related to insulin resistance in type 2 diabetes: a resting-state fMRI study. <i>Diabetes Care</i> , 2014 , 37, 1689-96	14.6	85