

# Yu-Chen Chen

## List of Publications by Citations

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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	Altered spontaneous brain activity in type 2 diabetes: a resting-state functional MRI study. <i>Diabetes</i> , <b>2014</b> , 63, 749-60	0.9	136
113	Tinnitus and hyperacusis involve hyperactivity and enhanced connectivity in auditory-limbic-arousal-cerebellar network. <i>ELife</i> , <b>2015</b> , 4, e06576	8.9	129
112	Aberrant brain functional connectivity related to insulin resistance in type 2 diabetes: a resting-state fMRI study. <i>Diabetes Care</i> , <b>2014</b> , 37, 1689-96	14.6	85
111	Tinnitus distress is linked to enhanced resting-state functional connectivity from the limbic system to the auditory cortex. <i>Human Brain Mapping</i> , <b>2017</b> , 38, 2384-2397	5.9	66
110	A Deep Learning-Based Radiomics Model for Differentiating Benign and Malignant Renal Tumors. <i>Translational Oncology</i> , <b>2019</b> , 12, 292-300	4.9	60
109	Aberrant spontaneous brain activity in chronic tinnitus patients revealed by resting-state functional MRI. <i>NeuroImage: Clinical</i> , <b>2014</b> , 6, 222-8	5.3	51
108	Interpretation of CT signs of 2019 novel coronavirus (COVID-19) pneumonia. <i>European Radiology</i> , <b>2020</b> , 30, 5455-5462	8	50
107	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> , <b>2014</b> , 10, 639-49	6	42
106	Impairments of thalamic resting-state functional connectivity in patients with chronic tinnitus. <i>European Journal of Radiology</i> , <b>2015</b> , 84, 1277-84	4.7	42
105	Disrupted Brain Functional Network Architecture in Chronic Tinnitus Patients. <i>Frontiers in Aging Neuroscience</i> , <b>2016</b> , 8, 174	5.3	33
104	Tinnitus and hyperacusis: Contributions of paraflocculus, reticular formation and stress. <i>Hearing Research</i> , <b>2017</b> , 349, 208-222	3.9	28
103	Altered intra- and interregional synchronization in resting-state cerebral networks associated with chronic tinnitus. <i>Neural Plasticity</i> , <b>2015</b> , 2015, 475382	3.3	28
102	Frequency-specific alternations in the amplitude of low-frequency fluctuations in chronic tinnitus. <i>Frontiers in Neural Circuits</i> , <b>2015</b> , 9, 67	3.5	27
101	Impaired intrinsic functional connectivity between the thalamus and visual cortex in migraine without aura. <i>Journal of Headache and Pain</i> , <b>2019</b> , 20, 116	8.8	26
100	Thalamic resting-state functional connectivity: disruption in patients with type 2 diabetes. <i>Metabolic Brain Disease</i> , <b>2015</b> , 30, 1227-36	3.9	25
99	Abnormal Resting-State Functional Connectivity of the Anterior Cingulate Cortex in Unilateral Chronic Tinnitus Patients. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 9	5.1	24
98	Precise Characterization of the Penumbra Revealed by MRI: A Modified Photothrombotic Stroke Model Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153756	3.7	23

97	Presbycusis Disrupts Spontaneous Activity Revealed by Resting-State Functional MRI. <i>Frontiers in Behavioral Neuroscience</i> , <b>2018</b> , 12, 44	3.5	22
96	Altered interhemispheric functional coordination in chronic tinnitus patients. <i>BioMed Research International</i> , <b>2015</b> , 2015, 345647	3	21
95	Decreased functional connectivity within the default-mode network in acute brainstem ischemic stroke. <i>European Journal of Radiology</i> , <b>2018</b> , 105, 221-226	4.7	19
94	Alterations of the default mode network and cognitive impairment in patients with unilateral chronic tinnitus. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2018</b> , 8, 1020-1029	3.6	18
93	Tinnitus distress is associated with enhanced resting-state functional connectivity within the default mode network. <i>Neuropsychiatric Disease and Treatment</i> , <b>2018</b> , 14, 1919-1927	3.1	17
92	Disrupted Spontaneous Neural Activity Related to Cognitive Impairment in Postpartum Women. <i>Frontiers in Psychology</i> , <b>2018</b> , 9, 624	3.4	17
91	Increased Resting-State Cerebellar-Cerebral Functional Connectivity Underlying Chronic Tinnitus. <i>Frontiers in Aging Neuroscience</i> , <b>2018</b> , 10, 59	5.3	16
90	FLAIR vascular hyperintensity in acute stroke is associated with collateralization and functional outcome. <i>European Radiology</i> , <b>2019</b> , 29, 4879-4888	8	15
89	Altered functional connectivity of the red nucleus and substantia nigra in migraine without aura. <i>Journal of Headache and Pain</i> , <b>2019</b> , 20, 104	8.8	15
88	Chemotherapy-induced functional changes of the default mode network in patients with lung cancer. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 847-856	4.1	15
87	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> , <b>2018</b> , 81, 228-235	5.5	14
86	Impaired functional connectivity of limbic system in migraine without aura. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 1805-1814	4.1	14
85	Alterations of brain activity and functional connectivity in transition from acute to chronic tinnitus. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 485-494	5.9	14
84	Impaired effective functional connectivity of the sensorimotor network in interictal episodic migraineurs without aura. <i>Journal of Headache and Pain</i> , <b>2020</b> , 21, 111	8.8	13
83	Disrupted functional network connectivity predicts cognitive impairment after acute mild traumatic brain injury. <i>CNS Neuroscience and Therapeutics</i> , <b>2020</b> , 26, 1083	6.8	12
82	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> , <b>2017</b> , 79, 249-257	5.5	12
81	Regional Coherence Alterations Revealed by Resting-State fMRI in Post-Stroke Patients with Cognitive Dysfunction. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159574	3.7	12
80	Pre-treatment Ongoing Cortical Oscillatory Activity Predicts Improvement of Tinnitus After Partial Peripheral Reafferentation With Hearing Aids. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 410	5.1	11

79	Altered lateral geniculate nucleus functional connectivity in migraine without aura: a resting-state functional MRI study. <i>Journal of Headache and Pain</i> , <b>2020</b> , 21, 17	8.8	10
78	Analysis of DTI-Derived Tensor Metrics in Differential Diagnosis between Low-grade and High-grade Gliomas. <i>Frontiers in Aging Neuroscience</i> , <b>2017</b> , 9, 271	5.3	10
77	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> , <b>2019</b> , 25, 9585-9593	3.2	10
76	Directed functional connectivity of the hippocampus in patients with presbycusis. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 917-926	4.1	10
75	Disrupted functional connectivity of the amygdala is associated with depressive mood in type 2 diabetes patients. <i>Journal of Affective Disorders</i> , <b>2018</b> , 228, 207-215	6.6	10
74	Decreased Spontaneous Brain Activity and Functional Connectivity in Type 1 Diabetic Patients Without Microvascular Complications. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 51, 2694-2703	3.9	10
73	Disrupted brain functional hub and causal connectivity in acute mild traumatic brain injury. <i>Aging</i> , <b>2019</b> , 11, 10684-10696	5.6	9
72	Chronic Tinnitus Exhibits Bidirectional Functional Dysconnectivity in Frontostriatal Circuit. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 1299	5.1	9
71	Multi-View Intact Space Learning for Tinnitus Classification in Resting State EEG. <i>Neural Processing Letters</i> , <b>2019</b> , 49, 611-624	2.4	9
70	Motor asymmetry related cerebral perfusion patterns in Parkinson's disease: An arterial spin labeling study. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 298-309	5.9	9
69	Altered Dynamic Neural Activity in the Default Mode Network in Lung Cancer Patients After Chemotherapy. <i>Medical Science Monitor</i> , <b>2020</b> , 26, e921700	3.2	8
68	Glucose Fluctuations Are Linked to Disrupted Brain Functional Architecture and Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 74, 603-613	4.3	7
67	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> , <b>2020</b> , 14, 927-940	4.1	7
66	Functional connectivity dysfunction of insular subdivisions in cognitive impairment after acute mild traumatic brain injury. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 941-948	4.1	7
65	Optimal threshold for the diagnosis of anemia severity on unenhanced thoracic CT: A preliminary study. <i>European Journal of Radiology</i> , <b>2018</b> , 108, 236-241	4.7	7
64	Functional connectivity disruption of the substantia nigra associated with cognitive impairment in acute mild traumatic brain injury. <i>European Journal of Radiology</i> , <b>2019</b> , 114, 69-75	4.7	6
63	LOX-1-Targeted Iron Oxide Nanoparticles Detect Early Diabetic Nephropathy in db/db Mice. <i>Molecular Imaging and Biology</i> , <b>2015</b> , 17, 652-60	3.8	6
62	Corticospinal tract changes in acute brainstem ischemic stroke patients: A diffusion kurtosis imaging study. <i>Neurology India</i> , <b>2018</b> , 66, 726-732	0.7	6

61	Functional Neuroanatomy of Salicylate- and Noise-Induced Tinnitus and Hyperacusis. <i>Current Topics in Behavioral Neurosciences</i> , <b>2021</b> , 51, 133-160	3.4	6
60	. <i>IEEE Access</i> , <b>2020</b> , 8, 17527-17534	3.5	5
59	Collateral vessels on magnetic resonance angiography in endovascular-treated acute ischemic stroke patients associated with clinical outcomes. <i>Oncotarget</i> , <b>2017</b> , 8, 81529-81537	3.3	5
58	Cerebral Blood Flow and Its Connectivity Deficits in Mild Traumatic Brain Injury at the Acute Stage. <i>Neural Plasticity</i> , <b>2020</b> , 2020, 2174371	3.3	5
57	Altered hypothalamic functional connectivity in post-traumatic headache after mild traumatic brain injury. <i>Journal of Headache and Pain</i> , <b>2020</b> , 21, 93	8.8	5
56	Neuroanatomical and functional alterations of insula in mild traumatic brain injury patients at the acute stage. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 907-916	4.1	5
55	FLAIR hyperintensities-DWI mismatch in acute stroke: associations with DWI volume and functional outcome. <i>Brain Imaging and Behavior</i> , <b>2020</b> , 14, 1230-1237	4.1	5
54	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> , <b>2020</b> , 10, 356-367	3.6	4
53	Disrupted Functional Network Connectivity Predicts Cognitive Impairment in Presbycusis Patients. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 246	5.3	4
52	Deep learning based automatic diagnosis of first-episode psychosis, bipolar disorder and healthy controls. <i>Computerized Medical Imaging and Graphics</i> , <b>2021</b> , 89, 101882	7.6	4
51	Functional connectivity of the visual cortex differentiates anxiety comorbidity from episodic migraineurs without aura. <i>Journal of Headache and Pain</i> , <b>2021</b> , 22, 40	8.8	4
50	Aberrant cerebral blood flow in tinnitus patients with migraine: a perfusion functional MRI study. <i>Journal of Headache and Pain</i> , <b>2021</b> , 22, 61	8.8	4
49	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> , <b>2019</b> , 50, 221-229	5.6	4
48	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> , <b>2020</b> , 14, 1238-1246	4.1	4
47	Disrupted brain functional network topology in unilateral acute brainstem ischemic stroke. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 444-452	4.1	4
46	Review: Neural Mechanisms of Tinnitus and Hyperacusis in Acute Drug-Induced Ototoxicity. <i>American Journal of Audiology</i> , <b>2021</b> , 30, 901-915	1.8	4
45	Disruption within brain default mode network in postpartum women without depression. <i>Medicine (United States)</i> , <b>2020</b> , 99, e20045	1.8	3
44	Aberrant Static and Dynamic Functional Network Connectivity in Acute Mild Traumatic Brain Injury with Cognitive Impairment. <i>Clinical Neuroradiology</i> , <b>2021</b> , 1	2.7	3

43	Hybrid PET-MRI for early detection of dopaminergic dysfunction and microstructural degradation involved in Parkinson's disease. <i>Communications Biology</i> , <b>2021</b> , 4, 1162	6.7	2
42	Alterations of brain network topology and structural connectivity-functional connectivity coupling in capsular versus pontine stroke. <i>European Journal of Neurology</i> , <b>2021</b> , 28, 1967-1976	6	2
41	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> , <b>2021</b> , 22, 72	8.8	2
40	Aberrant activity within auditory network is associated with psychiatric comorbidities in interictal migraineurs without aura. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 2464-2471	4.1	2
39	MRI Noise and Hearing Loss. <i>Hearing Journal</i> , <b>2018</b> , 71, 30	0.6	2
38	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> , <b>2021</b> , 11, 3082-3097	3.6	2
37	Peri-thrombus vascular hyperintensity sign: detection of intracranial thrombus location and length in acute ischemic stroke. <i>Japanese Journal of Radiology</i> , <b>2020</b> , 38, 516-523	2.9	1
36	Specific brain network predictors of interventions with different mechanisms for tinnitus patients.. <i>EBioMedicine</i> , <b>2022</b> , 76, 103862	8.8	1
35	Functional Brain Network Estimation with Human-Guided Modularity Representation. <i>IFAC-PapersOnLine</i> , <b>2020</b> , 53, 786-791	0.7	1
34	Altered static and dynamic functional network connectivity in post-traumatic headache. <i>Journal of Headache and Pain</i> , <b>2021</b> , 22, 137	8.8	1
33	Region-Specific Neurovascular Decoupling Associated With Cognitive Decline in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 770528	5.3	1
32	A deep learning-based model for prediction of hemorrhagic transformation after stroke. <i>Brain Pathology</i> , <b>2021</b> , e13023	6	1
31	Dynamic functional network connectivity reveals the brain functional alterations in lung cancer patients after chemotherapy. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 1	4.1	1
30	Mapping the Interactive Effects of ApoE Gene Polymorphism on Caudate Functional Connectivity in Mild Cognitive Impairment Associated With Parkinson's Disease. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 8575.1	5.1	1
29	Aberrant functional and effective connectivity of the frontostriatal network in unilateral acute tinnitus patients with hearing loss. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 1	4.1	1
28	An automatic machine learning approach for ischemic stroke onset time identification based on DWI and FLAIR imaging. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102744	5.3	1
27	A preliminary study of cortical morphology changes in acute brainstem ischemic stroke patients. <i>Medicine (United States)</i> , <b>2021</b> , 100, e24262	1.8	1
26	Reduced functional network connectivity is associated with upper limb dysfunction in acute ischemic brainstem stroke. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 1	4.1	1

25	Early disturbance of dynamic synchronization and neurovascular coupling in cognitively normal Parkinson's disease.. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2022</b> , 271678X221098503	7.3	1
24	Magnetic Resonance Imaging has Better Accuracy in Detecting New-Onset Rib Fractures as Compared to Computed Tomography. <i>Medical Science Monitor</i> , <b>2021</b> , 27, e928463	3.2	0
23	Brain Surface Area Alterations Correlate With Gait Impairments in Parkinson's Disease.. <i>Frontiers in Aging Neuroscience</i> , <b>2022</b> , 14, 806026	5.3	0
22	Development and external validation of a stability machine learning model to identify wake-up stroke onset time from MRI.. <i>European Radiology</i> , <b>2022</b> , 1	8	0
21	Aberrant Brain Functional Connectivity Strength and Effective Connectivity in Patients with Type 2 Diabetes Mellitus. <i>Journal of Diabetes Research</i> , <b>2021</b> , 2021, 5171618	3.9	0
20	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> , <b>2021</b> , 69, 1663-1669	0.7	0
19	Disrupted Dynamic Functional Connectivity of the Visual Network in Episodic Patients with Migraine without Aura.. <i>Neural Plasticity</i> , <b>2022</b> , 2022, 9941832	3.3	0
18	Abnormal Static and Dynamic Functional Network Connectivity in Patients With Presbycusis.. <i>Frontiers in Aging Neuroscience</i> , <b>2021</b> , 13, 774901	5.3	0
17	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> , <b>2022</b> , 113, 110459	5.5	0
16	Aberrant brain functional hubs and causal connectivity in presbycusis. <i>Brain Imaging and Behavior</i> , <b>2021</b> , 15, 453-463	4.1	0
15	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> , <b>2021</b> , 11, 3355-3359	3.6	0
14	Altered Brain Functional Network Topology in Lung Cancer Patients After Chemotherapy. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 710078	4.1	0
13	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> , <b>2022</b> , 15, 819507	6.1	0
12	Cerebral Blood Flow and its Connectivity Deficits in Patients With Lung Cancer After Chemotherapy.. <i>Frontiers in Molecular Biosciences</i> , <b>2022</b> , 9, 761272	5.6	0
11	Vestibular Cochlear Manifestations in COVID-19 Cases.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 850337	4.1	0
10	MRI Radiomics Features From Infarction and Cerebrospinal Fluid for Prediction of Cerebral Edema After Acute Ischemic Stroke.. <i>Frontiers in Aging Neuroscience</i> , <b>2022</b> , 14, 782036	5.3	0
9	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> , <b>2021</b> ,	19.7	0
8	Disseminated <i>Nocardia farcinica</i> involves the spinal cord: a case report and review of the literature. <i>BMC Infectious Diseases</i> , <b>2021</b> , 21, 1224	4	0

7	Alterations to cognitive abilities and functional networks in rats post broad-band intense noise exposure.. <i>Brain Imaging and Behavior</i> , <b>2022</b> , 1	4.1	0
6	Magnetic Resonance Imaging has Better Accuracy in Detecting New-Onset Rib Fractures as Compared to Computed Tomography. <i>Medical Science Monitor</i> , <b>2021</b> , 27, e928463	3.2	
5	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> , <b>2020</b> , 99, e23490	1.8	
4	Efficacy of modified pressure cuff for thrombolytic treatment on lower extremity deep venous thrombosis. <i>Medicine (United States)</i> , <b>2021</b> , 100, e25664	1.8	
3	Characteristics of the Computed Tomography Imaging Findings in 72 Patients with Airway-Invasive Pulmonary Aspergillosis. <i>Medical Science Monitor</i> , <b>2021</b> , 27, e931162	3.2	
2	Predictive value of perfusion weighted imaging for early new lesions after stroke patients receive endovascular treatment. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2021</b> , 11, 3643-3654	3.6	
1	SARS-CoV-2 Delta VOC pneumonia with CT follow-ups: A case report. <i>Journal of Medical Virology</i> , <b>2021</b> ,	19.7	