Wei-Hua Liao

List of Publications by Year
in descending order

33 papers	1,961 citations	14 h-index (623734)
33 g-index (395702)		
38 all docs	38 docs citations	38 times ranked
3731 citing authors		

#	Article	IF	Citations
1	Performance of Radiologists in Differentiating COVID-19 from Non-COVID-19 Viral Pneumonia at Chest CT. Radiology, 2020, 296, E46-E54.	7.3	958
2	Artificial Intelligence Augmentation of Radiologist Performance in Distinguishing COVID-19 from Pneumonia of Other Origin at Chest CT. Radiology, 2020, 296, E156-E165.	7.3	315
3	Inflammation induced by incomplete radiofrequency ablation accelerates tumor progression and hinders PD-1 immunotherapy. Nature Communications, 2019, 10, 5421.	12.8	151
4	Prognostication of patients with COVID-19 using artificial intelligence based on chest x-rays and clinical data: a retrospective study. The Lancet Digital Health, 2021, 3, e286-e294.	12.3	87
5	Identifying the presence of Parkinson's disease using low-frequency fluctuations in BOLD signals. Neuroscience Letters, 2017, 645, 1-6.	2.1	59
6	Deep Learning for Classification of Bone Lesions on Routine MRI. EBioMedicine, 2021, 68, 103402.	6.1	43
7	Artificial intelligence for prediction of COVID-19 progression using CT imaging and clinical data. European Radiology, 2022, 32, 205-212.	4.5	42
8	Sensorimotor and pain‐related alterations of the gray matter and white matter in Type 2 diabetic patients with peripheral neuropathy. Human Brain Mapping, 2020, 41, 710-725.	3.6	33
9	Microstructural Alterations in Asymptomatic and Symptomatic Patients with Spinocerebellar Ataxia Type 3: A Tract-Based Spatial Statistics Study. Frontiers in Neurology, 2017, 8, 714.	2.4	30
10	Diagnostic performance of magnetic resonance imaging for colorectal liver metastasis: A systematic review and meta-analysis. Scientific Reports, 2020, 10, 1969.	3.3	27
11	Myosteatosis predicting risk of transition to severe COVID-19 infection. Clinical Nutrition, 2022, 41, 3007-3015.	5.0	22
12	An automated COVID-19 triage pipeline using artificial intelligence based on chest radiographs and clinical data. Npj Digital Medicine, 2022, 5, 5.	10.9	22
13	Machine Learning-Based Prediction of COVID-19 Severity and Progression to Critical Illness Using CT Imaging and Clinical Data. Korean Journal of Radiology, 2021, 22, 1213.	3.4	20
14	Cortical Surface Area Rather Than Cortical Thickness Potentially Differentiates Radiation Encephalopathy at Early Stage in Patients With Nasopharyngeal Carcinoma. Frontiers in Neuroscience, 2018, 12, 599.	2.8	17
15	The imaging features of neurologic complications of left atrial myxomas. European Journal of Radiology, 2015, 84, 933-939.	2.6	14
16	Magnetic resonance T2 relaxation time at 7 Tesla associated with amyloid β pathology and age in a double-transgenic mouse model of Alzheimer's disease. Neuroscience Letters, 2016, 610, 92-97.	2.1	14
17	A novel PNPLA6 compound heterozygous mutation identified in a Chinese patient with Boucher‐Neuhäuser syndrome. Molecular Medicine Reports, 2018, 18, 261-267.	2.4	14
18	Pre-symptomatic local brain activity and functional connectivity alterations in nasopharyngeal carcinoma patients who developed radiation encephalopathy following radiotherapy. Brain Imaging and Behavior, 2020, 14, 1964-1978.	2.1	11

#	Article	IF	Citations
19	Spin labeling artery method perfusion MRI study of SPG4 and SCA3/MJD. Magnetic Resonance Imaging, 2014, 32, 1330-1334.	1.8	10
20	Prognostic Factors for Luminal B-like Breast Cancer. Current Medical Science, 2019, 39, 396-402.	1.8	9
21	Surface-Based Falff: A Potential Novel Biomarker for Prediction of Radiation Encephalopathy in Patients With Nasopharyngeal Carcinoma. Frontiers in Neuroscience, 2021, 15, 692575.	2.8	8
22	Functional Connectivity Density for Radiation Encephalopathy Prediction in Nasopharyngeal Carcinoma. Frontiers in Oncology, 2021, 11, 687127.	2.8	8
23	Altered Functional Brain Connectomes between Sporadic and Familial Parkinson's Patients. Frontiers in Neuroanatomy, 2017, 11, 99.	1.7	7
24	A Predictive Scoring Model for Short-Term Local Recurrent Nasopharyngeal Carcinoma Based on Magnetic Resonance Imaging. Cancer Biotherapy and Radiopharmaceuticals, 2019, 34, 76-84.	1.0	5
25	Chronic liver disease not a significant comorbid condition for COVID-19. Scientific Reports, 2021, 11, 11734.	3.3	5
26	DICOM Image ANalysis and Archive (DIANA): an Open-Source System for Clinical AI Applications. Journal of Digital Imaging, 2021, 34, 1405-1413.	2.9	5
27	Abnormal functional connectivity profiles predict drug responsiveness in patients with temporal lobe epilepsy. Epilepsia, 2022, 63, 463-473.	5.1	5
28	NK/T cell lymphoma involving mediastinum: report of a case and review of literature. International Journal of Clinical and Experimental Pathology, 2014, 7, 6399-402.	0.5	4
29	Clinical and imaging findings of discharged patients with SARS-CoV-2 positive anal swab samples: a descriptive study. BMC Infectious Diseases, 2020, 20, 644.	2.9	3
30	Aberrant Brain Network Integration and Segregation in Diabetic Peripheral Neuropathy Revealed by Structural Connectomics. Frontiers in Neuroscience, 2020, 14, 585588.	2.8	3
31	Encephalopathy at admission predicts adverse outcomes in patients with SARSâ€CoVâ€2 infection. CNS Neuroscience and Therapeutics, 2021, 27, 1127-1135.	3.9	3
32	Identification of the Largest SCA36 Pedigree in Asia: with Multimodel Neuroimaging Evaluation for the First Time. Cerebellum, 2022, 21, 358-367.	2.5	3
33	Epidemic features of coronavirus disease 2019 in Hunan Province. Journal of Central South University (Medical Sciences), 2020, 45, 576-581.	0.1	0