

# Tao Yu

## 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.

75  
papers

441  
citations

12  
h-index

17  
g-index

83  
ext. papers

663  
ext. citations

3.8  
avg, IF

3.64  
L-index

#	Paper	IF	Citations
75	Ictal onset stereoelectroencephalography patterns in temporal lobe epilepsy: type, distribution, and prognostic value.. <i>Acta Neurochirurgica</i> , <b>2022</b> , 164, 555	3	0
74	On disturbance rejection control of the epileptiform spikes.. <i>Cognitive Neurodynamics</i> , <b>2022</b> , 16, 425-441	4.2	0
73	Functional mapping of language-related areas from natural, narrative speech during awake craniotomy surgery. <i>NeuroImage</i> , <b>2021</b> , 245, 118720	7.9	
72	Transformative neural representations support long-term episodic memory. <i>Science Advances</i> , <b>2021</b> , 7, eabg9715	14.3	1
71	Voxel-based morphometric MRI post-processing and PET/MRI co-registration reveal subtle abnormalities in cingulate epilepsy. <i>Epilepsy Research</i> , <b>2021</b> , 171, 106568	3	4
70	Clinical application of intraoperative trial-free online-based language mapping for patients with refractory epilepsy. <i>Epilepsy and Behavior</i> , <b>2021</b> , 116, 107496	3.2	1
69	Ictal embarrassment originating from the anterior cingulate cortex confirmed by intracranial electroencephalography in a case with intractable epilepsy. <i>Clinical Neurology and Neurosurgery</i> , <b>2021</b> , 203, 106567	2	1
68	Fluid and White Matter Suppression Imaging and Voxel-Based Morphometric Analysis in Conventional Magnetic Resonance Imaging-Negative Epilepsy. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 651592	4.1	3
67	The thalamus-precentral gyrus functional connectivity changes in epilepsy patients following vagal nerve stimulation. <i>Neuroscience Letters</i> , <b>2021</b> , 751, 135815	3.3	1
66	Altered ripple density inside seizure onset zone in patients with focal cortical dysplasia-associated epilepsy. <i>Brain and Behavior</i> , <b>2021</b> , 11, e02169	3.4	2
65	Functional characteristics of the human primary somatosensory cortex: An electrostimulation study. <i>Epilepsy and Behavior</i> , <b>2021</b> , 118, 107920	3.2	1
64	Dexmedetomidine inhibits unstable motor network in patients with primary motor area gliomas. <i>Aging</i> , <b>2021</b> , 13, 15139-15150	5.6	
63	Localization of the Epileptogenic Zone by Multimodal Neuroimaging and High-Frequency Oscillation. <i>Frontiers in Human Neuroscience</i> , <b>2021</b> , 15, 677840	3.3	0
62	The changes in the topological properties of brain structural network based on diffusion tensor imaging in pediatric epilepsy patients with vagus nerve stimulators: A graph theoretical analysis. <i>Brain and Development</i> , <b>2021</b> , 43, 97-105	2.2	3
61	Altered amplitude of low-frequency fluctuations and regional homogeneity in drug-resistant epilepsy patients with vagal nerve stimulators under different current intensity. <i>CNS Neuroscience and Therapeutics</i> , <b>2021</b> , 27, 320-329	6.8	6
60	Functional organization of the human primary somatosensory cortex: A stereo-electroencephalography study. <i>Clinical Neurophysiology</i> , <b>2021</b> , 132, 487-497	4.3	4
59	Surgical feasibility and long-term outcome of superior vena cava replacement for advanced thymoma in patients undergoing preoperative chemotherapy or chemoradiotherapy. <i>Thoracic Cancer</i> , <b>2021</b> , 12, 1074-1083	3.2	3

58	Comparison of efficiency between VNS and ANT-DBS therapy in drug-resistant epilepsy: A one year follow up study. <i>Journal of Clinical Neuroscience</i> , <b>2021</b> , 90, 112-117	2.2	2
57	Multiple ictal onset patterns underlie seizure generation in seizure-free patients with temporal lobe epilepsy surgery: an SEEG study. <i>Acta Neurochirurgica</i> , <b>2021</b> , 163, 3031-3037	3	0
56	Anterior thalamic stimulation improves working memory precision judgments. <i>Brain Stimulation</i> , <b>2021</b> , 14, 1073-1080	5.1	2
55	Recovery of cortical atrophy in patients with temporal lobe epilepsy after successful anterior temporal lobectomy. <i>Epilepsy and Behavior</i> , <b>2021</b> , 123, 108272	3.2	0
54	Grey and white matter microstructure changes in epilepsy patients with vagus nerve stimulators. <i>Clinical Neurology and Neurosurgery</i> , <b>2021</b> , 209, 106918	2	1
53	Altered topological properties of brain functional networks in drug-resistant epilepsy patients with vagus nerve stimulators. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2021</b> , 92, 149-154	3.2	0
52	The Heterogeneity of Inflammatory Response and Emphysema in Chronic Obstructive Pulmonary Disease.. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 783396	4.6	2
51	Stable maintenance of multiple representational formats in human visual short-term memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 32329-32339 <sup>11.5</sup>	9	
50	Subthalamic Nucleus Stimulation Modulates Motor Epileptic Activity in Humans. <i>Annals of Neurology</i> , <b>2020</b> , 88, 283-296	9.4	5
49	A resting-state functional MRI study on the effect of vagal nerve stimulation on spontaneous regional brain activity in drug-resistant epilepsy patients. <i>Behavioural Brain Research</i> , <b>2020</b> , 392, 112709 <sup>3.4</sup>	3	
48	Venous thromboembolism after adult thymus or thymic tumor resection: A single-center experience. <i>Thoracic Cancer</i> , <b>2020</b> , 11, 2291-2296	3.2	1
47	Focal burst suppression on intra-operative electrocorticography does not affect the surgical outcome in patients with temporal lobe epilepsy. <i>Clinical Neurology and Neurosurgery</i> , <b>2020</b> , 193, 105785 <sup>2</sup>	2	
46	Amygdalar and hippocampal beta rhythm synchrony during human fear memory retrieval. <i>Acta Neurochirurgica</i> , <b>2020</b> , 162, 2499-2507	3	2
45	Frequency-specific changes in the default mode network in patients with cingulate gyrus epilepsy. <i>Human Brain Mapping</i> , <b>2020</b> , 41, 2447-2459	5.9	6
44	Cortical high-frequency oscillation loops initiate spasm seizures. <i>NeuroReport</i> , <b>2020</b> , 31, 311-318	1.7	1
43	Long-term outcome of unilateral deep brain stimulation of the subthalamic nucleus for a patient with drug-resistant focal myoclonic seizure. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 18	3.2	2
42	Neural processes of auditory perception in Heschl's gyrus for upcoming acoustic stimuli in humans. <i>Hearing Research</i> , <b>2020</b> , 388, 107895	3.9	1
41	Resective epilepsy surgery in tuberous sclerosis complex: a nationwide multicentre retrospective study from China. <i>Brain</i> , <b>2020</b> , 143, 570-581	11.2	29

40	The value of magnetoencephalography for stereo-EEG-guided radiofrequency thermocoagulation in MRI-negative epilepsy. <i>Epilepsy Research</i> , <b>2020</b> , 163, 106322	3	3
39	A study of medial and lateral temporal lobe epilepsy based on stereoelectroencephalography. <i>Chinese Medical Journal</i> , <b>2020</b> , 134, 68-72	2.9	0
38	Ictal coprolalia occurs due to the activation of the temporal-orbitofrontal network in patients with epilepsy. <i>Journal of the Neurological Sciences</i> , <b>2020</b> , 409, 116634	3.2	1
37	Information Integration and Mesoscopic Cortical Connectivity during Propofol Anesthesia. <i>Anesthesiology</i> , <b>2020</b> , 132, 504-524	4.3	7
36	The functional connectivity study on the brainstem-cortical/subcortical structures in responders following cervical vagus nerve stimulation. <i>International Journal of Developmental Neuroscience</i> , <b>2020</b> , 80, 679-686	2.7	1
35	Chinese Stroke Association guidelines for clinical management of cerebrovascular disorders: executive summary and 2019 update of clinical management of intracerebral haemorrhage. <i>Stroke and Vascular Neurology</i> , <b>2020</b> , 5, 396-402	9.1	13
34	Epilepsy duration as an independent predictor of response to vagus nerve stimulation. <i>Epilepsy Research</i> , <b>2020</b> , 167, 106432	3	4
33	The effect of vagal nerve stimulation on hippocampal-thalamic functional connectivity in epilepsy patients. <i>Brain Research Bulletin</i> , <b>2020</b> , 163, 143-149	3.9	1
32	Multitask preoperative language mapping in epilepsy surgery: A combination of navigated transcranial magnetic stimulation and extra-operative electrical cortical stimulation. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 79, 259-265	2.2	
31	Successful treatment of thymic carcinoma with dermatomyositis and interstitial pneumonia: A case report. <i>Thoracic Cancer</i> , <b>2019</b> , 10, 2031-2034	3.2	2
30	Impaired prefrontal cortex-thalamus pathway in intractable temporal lobe epilepsy with aberrant executive control function: MRI evidence. <i>Clinical Neurophysiology</i> , <b>2019</b> , 130, 484-490	4.3	10
29	Ictal High-Frequency Oscillation for Lateralizing Patients With Suspected Bitemporal Epilepsy Using Wavelet Transform and Granger Causality Analysis. <i>Frontiers in Neuroinformatics</i> , <b>2019</b> , 13, 44	3.9	2
28	Pre-surgical Language Mapping in Epilepsy: Using fMRI in Chinese-Speaking Patients. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 183	3.3	2
27	A case of right orbitofrontal epilepsy featuring ictal swearing. <i>Journal of the Neurological Sciences</i> , <b>2019</b> , 397, 1-3	3.2	4
26	Prognostic Factors and Longitudinal Change in Long-Term Outcome of Frontal Lobe Epilepsy Surgery. <i>World Neurosurgery</i> , <b>2019</b> , 121, e32-e38	2.1	3
25	Brain network alteration in patients with temporal lobe epilepsy with cognitive impairment. <i>Epilepsy and Behavior</i> , <b>2018</b> , 81, 41-48	3.2	26
24	Dissociable functional activities of cortical theta and beta oscillations in the lateral prefrontal cortex during intertemporal choice. <i>Scientific Reports</i> , <b>2018</b> , 8, 11233	4.9	2
23	High-frequency stimulation of anterior nucleus of thalamus desynchronizes epileptic network in humans. <i>Brain</i> , <b>2018</b> , 141, 2631-2643	11.2	52

22	The surgical outcome of patients with bilateral temporal lobe epilepsy. <i>Epilepsy Research</i> , <b>2018</b> , 144, 7-13	3	3
21	The role of magnetoencephalography in the presurgical evaluation of patients with MRI-negative operculo-insular epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2018</b> , 61, 104-110	3.2	12
20	Gray-matter-specific MR imaging improves the detection of epileptogenic zones in focal cortical dysplasia: A new sequence called fluid and white matter suppression (FLAWS). <i>NeuroImage: Clinical</i> , <b>2018</b> , 20, 388-397	5.3	16
19	Determining the Quantitative Threshold of High-Frequency Oscillation Distribution to Delineate the Epileptogenic Zone by Automated Detection. <i>Frontiers in Neurology</i> , <b>2018</b> , 9, 889	4.1	15
18	Quantitative volume-based morphometry in focal cortical dysplasia: A pilot study for lesion localization at the individual level. <i>European Journal of Radiology</i> , <b>2018</b> , 105, 240-245	4.7	9
17	Role of the Hippocampus in Distinct Memory Traces: Timing of Match and Mismatch Enhancement Revealed by Intracranial Recording. <i>Neuroscience Bulletin</i> , <b>2017</b> , 33, 664-674	4.3	10
16	Properties of afterdischarges from electrical stimulation in patients with epilepsy. <i>Epilepsy Research</i> , <b>2017</b> , 137, 39-44	3	5
15	Focal epilepsy with paroxysmal pain due to somatic injury. <i>Epileptic Disorders</i> , <b>2017</b> , 19, 207-211	1.9	
14	High frequency oscillations for lateralizing suspected bitemporal epilepsy. <i>Epilepsy Research</i> , <b>2016</b> , 127, 233-240	3	10
13	Twenty-seven cases of pineal parenchymal tumours of intermediate differentiation: mitotic count, Ki-67 labelling index and extent of resection predict prognosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2016</b> , 87, 386-95	5.5	18
12	Analysis of electrocorticogram in epilepsy patients in terms of criticality. <i>Nonlinear Dynamics</i> , <b>2016</b> , 83, 1909-1917	5	10
11	An Intracranial Electroencephalography (iEEG) Brain Function Mapping Tool with an Application to Epilepsy Surgery Evaluation. <i>Frontiers in Neuroinformatics</i> , <b>2016</b> , 10, 15	3.9	19
10	Time-frequency analysis of intracranial EEG in patients with myoclonic seizures. <i>Brain Research</i> , <b>2016</b> , 1652, 119-126	3.7	4
9	Surgical Treatment of Cerebellar Cavernous Malformations: A Single-Center Experience with 58 Cases. <i>World Neurosurgery</i> , <b>2015</b> , 84, 1103-11	2.1	8
8	Surgical treatment for patients with symptomatic generalised seizures due to brain lesions. <i>Epilepsy Research</i> , <b>2015</b> , 112, 92-9	3	5
7	Intraventricular craniopharyngiomas: surgical management and outcome analyses in 24 cases. <i>World Neurosurgery</i> , <b>2014</b> , 82, 1209-15	2.1	19
6	Analysis of epileptic seizures with complex network. <i>Computational and Mathematical Methods in Medicine</i> , <b>2014</b> , 2014, 283146	2.8	4
5	Surgical treatment of refractory epilepsy after chemotherapy in two children with leukemia. <i>Epilepsy &amp; Behavior Case Reports</i> , <b>2013</b> , 1, 32-4	1.2	4

4	Surgical treatment of hypermotor seizures originating from the temporal lobe. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2013</b> , 22, 862-6	3.2	6
3	A retrospective study comparing preoperative evaluations and postoperative outcomes in paediatric and adult patients undergoing surgical resection for refractory epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2012</b> , 21, 444-9	3.2	15
2	Posterior cortex epilepsy: diagnostic considerations and surgical outcome. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2009</b> , 18, 288-92	3.2	17
1	A Patient Specific Seizure Prediction in Long Term EEG based on Adaptive Channel Selection and Preictal Period Selection		0