

Tao Yu

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

892
citations

567247

15
h-index

610883

24
g-index

83
all docs

83
docs citations

83
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	High-frequency stimulation of anterior nucleus of thalamus desynchronizes epileptic network in humans. <i>Brain</i> , 2018, 141, 2631-2643.	7.6	89
2	Resective epilepsy surgery in tuberous sclerosis complex: a nationwide multicentre retrospective study from China. <i>Brain</i> , 2020, 143, 570-581.	7.6	55
3	Brain network alteration in patients with temporal lobe epilepsy with cognitive impairment. <i>Epilepsy and Behavior</i> , 2018, 81, 41-48.	1.7	43
4	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> , 2020, 117, 32329-32339.	7.1	34
5	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> , 2016, 87, 386-395.	1.9	30
6	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> , 2020, 5, 396-402.	3.3	30
7	An Intracranial Electroencephalography (iEEG) Brain Function Mapping Tool with an Application to Epilepsy Surgery Evaluation. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 15.	2.5	28
8	Transformative neural representations support long-term episodic memory. <i>Science Advances</i> , 2021, 7, eabg9715.	10.3	28
9	Intraventricular Craniopharyngiomas: Surgical Management and Outcome Analyses in 24 Cases. <i>World Neurosurgery</i> , 2014, 82, 1209-1215.	1.3	27
10	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> , 2018, 20, 388-397.	2.7	27
11	Subthalamic Nucleus Stimulation Modulates Motor Epileptic Activity in Humans. <i>Annals of Neurology</i> , 2020, 88, 283-296.	5.3	26
12	Posterior cortex epilepsy: Diagnostic considerations and surgical outcome. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009, 18, 288-292.	2.0	25
13	Information Integration and Mesoscopic Cortical Connectivity during Propofol Anesthesia. <i>Anesthesiology</i> , 2020, 132, 504-524.	2.5	25
14	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> , 2018, 61, 104-110.	2.0	20
15	Determining the Quantitative Threshold of High-Frequency Oscillation Distribution to Delineate the Epileptogenic Zone by Automated Detection. <i>Frontiers in Neurology</i> , 2018, 9, 889.	2.4	18
16	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> , 2012, 21, 444-449.	2.0	17
17	Impaired prefrontal cortex-thalamus pathway in intractable temporal lobe epilepsy with aberrant executive control function: MRI evidence. <i>Clinical Neurophysiology</i> , 2019, 130, 484-490.	1.5	16
18	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> , 2021, 27, 320-329.	3.9	16

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19	Analysis of electrocorticogram in epilepsy patients in terms of criticality. <i>Nonlinear Dynamics</i> , 2016, 83, 1909-1917.	5.2	13
20	Quantitative volume-based morphometry in focal cortical dysplasia: A pilot study for lesion localization at the individual level. <i>European Journal of Radiology</i> , 2018, 105, 240-245.	2.6	13
21	Epilepsy duration as an independent predictor of response to vagus nerve stimulation. <i>Epilepsy Research</i> , 2020, 167, 106432.	1.6	12
22	High frequency oscillations for lateralizing suspected bitemporal epilepsy. <i>Epilepsy Research</i> , 2016, 127, 233-240.	1.6	11
23	Role of the Hippocampus in Distinct Memory Traces: Timing of Match and Mismatch Enhancement Revealed by Intracranial Recording. <i>Neuroscience Bulletin</i> , 2017, 33, 664-674.	2.9	11
24	Voxel-based morphometric MRI post-processing and PET/MRI co-registration reveal subtle abnormalities in cingulate epilepsy. <i>Epilepsy Research</i> , 2021, 171, 106568.	1.6	11
25	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> , 2021, 90, 112-117.	1.5	11
26	Anterior thalamic stimulation improves working memory precision judgments. <i>Brain Stimulation</i> , 2021, 14, 1073-1080.	1.6	11
27	Surgical Treatment of Cerebellar Cavernous Malformations: A Single-Center Experience with 58 Cases. <i>World Neurosurgery</i> , 2015, 84, 1103-1111.	1.3	10
28	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> , 2020, 392, 112709.	2.2	10
29	Properties of afterdischarges from electrical stimulation in patients with epilepsy. <i>Epilepsy Research</i> , 2017, 137, 39-44.	1.6	9
30	Frequency-specific changes in the default mode network in patients with cingulate gyrus epilepsy. <i>Human Brain Mapping</i> , 2020, 41, 2447-2459.	3.6	9
31	Functional organization of the human primary somatosensory cortex: A stereo-electroencephalography study. <i>Clinical Neurophysiology</i> , 2021, 132, 487-497.	1.5	9
32	Surgical treatment of hypermotor seizures originating from the temporal lobe. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013, 22, 862-866.	2.0	8
33	Dissociable functional activities of cortical theta and beta oscillations in the lateral prefrontal cortex during intertemporal choice. <i>Scientific Reports</i> , 2018, 8, 11233.	3.3	8
34	Fluid and White Matter Suppression Imaging and Voxel-Based Morphometric Analysis in Conventional Magnetic Resonance Imaging-Negative Epilepsy. <i>Frontiers in Neurology</i> , 2021, 12, 651592.	2.4	8
35	Localization of the Epileptogenic Zone by Multimodal Neuroimaging and High-Frequency Oscillation. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 677840.	2.0	8
36	Time-frequency analysis of intracranial EEG in patients with myoclonic seizures. <i>Brain Research</i> , 2016, 1652, 119-126.	2.2	7

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37	Amygdalar and hippocampal beta rhythm synchrony during human fear memory retrieval. <i>Acta Neurochirurgica</i> , 2020, 162, 2499-2507.	1.7	7
38	The value of magnetoencephalography for stereo-EEG-guided radiofrequency thermocoagulation in MRI-negative epilepsy. <i>Epilepsy Research</i> , 2020, 163, 106322.	1.6	7
39	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> , 2021, 43, 97-105.	1.1	7
40	The Heterogeneity of Inflammatory Response and Emphysema in Chronic Obstructive Pulmonary Disease. <i>Frontiers in Physiology</i> , 2021, 12, 783396.	2.8	7
41	Surgical treatment of refractory epilepsy after chemotherapy in two children with leukemia. <i>Epilepsy & Behavior Case Reports</i> , 2013, 1, 32-34.	1.5	6
42	Surgical treatment for patients with symptomatic generalised seizures due to brain lesions. <i>Epilepsy Research</i> , 2015, 112, 92-99.	1.6	6
43	Successful treatment of thymic carcinoma with dermatomyositis and interstitial pneumonia: A case report. <i>Thoracic Cancer</i> , 2019, 10, 2031-2034.	1.9	6
44	The functional connectivity study on the brainstemâ€cortical/subcortical structures in responders following cervical vagus nerve stimulation. <i>International Journal of Developmental Neuroscience</i> , 2020, 80, 679-686.	1.6	6
45	Venous thromboembolism after adult thymus or thymic tumor resection: A singleâ€center experience. <i>Thoracic Cancer</i> , 2020, 11, 2291-2296.	1.9	6
46	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> , 2020, 8, 18-18.	1.7	6
47	Surgical feasibility and longâ€term outcome of superior vena cava replacement for advanced thymoma in patients undergoing preoperative chemotherapy or chemoradiotherapy. <i>Thoracic Cancer</i> , 2021, 12, 1074-1083.	1.9	6
48	Propofol Anesthesia Decreased the Efficiency of Long-Range Cortical Interaction in Humans. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 165-175.	4.2	6
49	Analysis of Epileptic Seizures with Complex Network. <i>Computational and Mathematical Methods in Medicine</i> , 2014, 2014, 1-6.	1.3	5
50	The surgical outcome of patients with bilateral temporal lobe epilepsy. <i>Epilepsy Research</i> , 2018, 144, 7-13.	1.6	5
51	A case of right orbitofrontal epilepsy featuring ictal swearing. <i>Journal of the Neurological Sciences</i> , 2019, 397, 1-3.	0.6	5
52	Prognostic Factors and Longitudinal Change in Long-Term Outcome of Frontal Lobe Epilepsy Surgery. <i>World Neurosurgery</i> , 2019, 121, e32-e38.	1.3	5
53	The effect of vagal nerve stimulation on hippocampal-thalamic functional connectivity in epilepsy patients. <i>Brain Research Bulletin</i> , 2020, 163, 143-149.	3.0	5
54	Mechanistic Analysis of Micro-Neurocircuits Underlying the Epileptogenic Zone in Focal Cortical Dysplasia Patients. <i>Cerebral Cortex</i> , 2022, 32, 2216-2230.	2.9	5

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55	The thalamus-precentral gyrus functional connectivity changes in epilepsy patients following vagal nerve stimulation. <i>Neuroscience Letters</i> , 2021, 751, 135815.	2.1	4
56	On disturbance rejection control of the epileptiform spikes. <i>Cognitive Neurodynamics</i> , 2022, 16, 425-441.	4.0	4
57	Recovery of cortical atrophy in patients with temporal lobe epilepsy after successful anterior temporal lobectomy. <i>Epilepsy and Behavior</i> , 2021, 123, 108272.	1.7	4
58	Ictal onset stereoelectroencephalography patterns in temporal lobe epilepsy: type, distribution, and prognostic value. <i>Acta Neurochirurgica</i> , 2022, 164, 555-563.	1.7	4
59	Ictal High-Frequency Oscillation for Lateralizing Patients With Suspected Bitemporal Epilepsy Using Wavelet Transform and Granger Causality Analysis. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 44.	2.5	3
60	Pre-surgical Language Mapping in Epilepsy: Using fMRI in Chinese-Speaking Patients. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 183.	2.0	3
61	Neural processes of auditory perception in Heschl's gyrus for upcoming acoustic stimuli in humans. <i>Hearing Research</i> , 2020, 388, 107895.	2.0	3
62	Grey and white matter microstructure changes in epilepsy patients with vagus nerve stimulators. <i>Clinical Neurology and Neurosurgery</i> , 2021, 209, 106918.	1.4	3
63	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> , 2021, 92, 149-154.	2.0	3
64	Measuring the Coupling Direction between Neural Oscillations with Weighted Symbolic Transfer Entropy. <i>Entropy</i> , 2020, 22, 1442.	2.2	3
65	A study of medial and lateral temporal lobe epilepsy based on stereoelectroencephalography. <i>Chinese Medical Journal</i> , 2021, 134, 68-72.	2.3	3
66	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> , 2020, 193, 105785.	1.4	2
67	Cortical high-frequency oscillation loops initiate spasm seizures. <i>NeuroReport</i> , 2020, 31, 311-318.	1.2	2
68	Altered ripple density inside seizure onset zone in patients with focal cortical dysplasia-associated epilepsy. <i>Brain and Behavior</i> , 2021, 11, e02169.	2.2	2
69	Functional characteristics of the human primary somatosensory cortex: An electrostimulation study. <i>Epilepsy and Behavior</i> , 2021, 118, 107920.	1.7	2
70	Multiple ictal onset patterns underlie seizure generation in seizure-free patients with temporal lobe epilepsy surgery: an SEEG study. <i>Acta Neurochirurgica</i> , 2021, 163, 3031-3037.	1.7	2
71	Focal epilepsy with paroxysmal pain due to somatic injury. <i>Epileptic Disorders</i> , 2017, 19, 207-211.	1.3	1
72	Ictal coprolalia occurs due to the activation of the temporal-orbitofrontal network in patients with epilepsy. <i>Journal of the Neurological Sciences</i> , 2020, 409, 116634.	0.6	1

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73	Clinical application of intraoperative trial-free online-based language mapping for patients with refractory epilepsy. <i>Epilepsy and Behavior</i> , 2021, 116, 107496.	1.7	1
74	Ictal embarrassment originating from the anterior cingulate cortex confirmed by intracranial electroencephalography in a case with intractable epilepsy. <i>Clinical Neurology and Neurosurgery</i> , 2021, 203, 106567.	1.4	1
75	Dexmedetomidine inhibits unstable motor network in patients with primary motor area gliomas. <i>Aging</i> , 2021, 13, 15139-15150.	3.1	1
76	A Patient Specific Seizure Prediction in Long Term EEG based on Adaptive Channel Selection and Preictal Period Selection. , 2020, , .		1
77	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> , 2020, 79, 259-265.	1.5	0
78	Functional hemispherectomy for patients with adult-onset Rasmussenâ€™s encephalitis. <i>Acta Epileptologica</i> , 2021, 3, .	0.9	0
79	Functional mapping of language-related areas from natural, narrative speech during awake craniotomy surgery. <i>NeuroImage</i> , 2021, 245, 118720.	4.2	0
80	Discriminative neural pathways for perception-cognition activity of color and face in the human brain. <i>Cerebral Cortex</i> , 2023, 33, 1972-1984.	2.9	0