

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	High-frequency stimulation of anterior nucleus of thalamus desynchronizes epileptic network in humans. Brain, 2018, 141, 2631-2643.	7.6	89
2	Resective epilepsy surgery in tuberous sclerosis complex: a nationwide multicentre retrospective study from China. Brain, 2020, 143, 570-581.	7.6	55
3	Brain network alteration in patients with temporal lobe epilepsy with cognitive impairment. Epilepsy and Behavior, 2018, 81, 41-48.	1.7	43
4	Stable maintenance of multiple representational formats in human visual short-term memory. Proceedings of the National Academy of Sciences of the United States of America, 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. Journal of Neurology, Neurosurgery and Psychiatry, 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. Stroke and Vascular Neurology, 2020, 5, 396-402.	3.3	30
7	An Intracranial Electroencephalography (iEEG) Brain Function Mapping Tool with an Application to Epilepsy Surgery Evaluation. Frontiers in Neuroinformatics, 2016, 10, 15.	2.5	28
8	Transformative neural representations support long-term episodic memory. Science Advances, 2021, 7, eabg9715.	10.3	28
9	Intraventricular Craniopharyngiomas: Surgical Management and Outcome Analyses in 24 Cases. World Neurosurgery, 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). NeuroImage: Clinical, 2018, 20, 388-397.	2.7	27
11	Subthalamic Nucleus Stimulation Modulates Motor Epileptic Activity in Humans. Annals of Neurology, 2020, 88, 283-296.	5.3	26
12	Posterior cortex epilepsy: Diagnostic considerations and surgical outcome. Seizure: the Journal of the British Epilepsy Association, 2009, 18, 288-292.	2.0	25
13	Information Integration and Mesoscopic Cortical Connectivity during Propofol Anesthesia. Anesthesiology, 2020, 132, 504-524.	2.5	25
14	The role of magnetoencephalography in the presurgical evaluation of patients with MRI-negative operculo-insular epilepsy. Seizure: the Journal of the British Epilepsy Association, 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. Frontiers in Neurology, 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. Seizure: the Journal of the British Epilepsy Association, 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. Clinical Neurophysiology, 2019, 130, 484-490.	1.5	16
18	Altered amplitude of lowâ€frequency fluctuations and regional homogeneity in drugâ€resistant epilepsy patients with vagal nerve stimulators under different current intensity. CNS Neuroscience and Therapeutics, 2021, 27, 320-329.	3.9	16

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19	Analysis of electrocorticogram in epilepsy patients in terms of criticality. Nonlinear Dynamics, 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. European Journal of Radiology, 2018, 105, 240-245.	2.6	13
21	Epilepsy duration as an independent predictor of response to vagus nerve stimulation. Epilepsy Research, 2020, 167, 106432.	1.6	12
22	High frequency oscillations for lateralizing suspected bitemporal epilepsy. Epilepsy Research, 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. Neuroscience Bulletin, 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. Epilepsy Research, 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. Journal of Clinical Neuroscience, 2021, 90, 112-117.	1.5	11
26	Anterior thalamic stimulation improves working memory precision judgments. Brain Stimulation, 2021, 14, 1073-1080.	1.6	11
27	Surgical Treatment of Cerebellar Cavernous Malformations: A Single-Center Experience with 58 Cases. World Neurosurgery, 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. Behavioural Brain Research, 2020, 392, 112709.	2.2	10
29	Properties of afterdischarges from electrical stimulation in patients with epilepsy. Epilepsy Research, 2017, 137, 39-44.	1.6	9
30	Frequencyâ€specific changes in the default mode network in patients with cingulate gyrus epilepsy. Human Brain Mapping, 2020, 41, 2447-2459.	3.6	9
31	Functional organization of the human primary somatosensory cortex: A stereo-electroencephalography study. Clinical Neurophysiology, 2021, 132, 487-497.	1.5	9
32	Surgical treatment of hypermotor seizures originating from the temporal lobe. Seizure: the Journal of the British Epilepsy Association, 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. Scientific Reports, 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. Frontiers in Neurology, 2021, 12, 651592.	2.4	8
35	Localization of the Epileptogenic Zone by Multimodal Neuroimaging and High-Frequency Oscillation. Frontiers in Human Neuroscience, 2021, 15, 677840.	2.0	8
36	Time-frequency analysis of intracranial EEG in patients with myoclonic seizures. Brain Research, 2016, 1652, 119-126.	2.2	7

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37	Amygdalar and hippocampal beta rhythm synchrony during human fear memory retrieval. Acta Neurochirurgica, 2020, 162, 2499-2507.	1.7	7
38	The value of magnetoencephalography for stereo-EEG-guided radiofrequency thermocoagulation in MRI-negative epilepsy. Epilepsy Research, 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. Brain and Development, 2021, 43, 97-105.	1.1	7
40	The Heterogeneity of Inflammatory Response and Emphysema in Chronic Obstructive Pulmonary Disease. Frontiers in Physiology, 2021, 12, 783396.	2.8	7
41	Surgical treatment of refractory epilepsy after chemotherapy in two children with leukemia. Epilepsy & Behavior Case Reports, 2013, 1, 32-34.	1.5	6
42	Surgical treatment for patients with symptomatic generalised seizures due to brain lesions. Epilepsy Research, 2015, 112, 92-99.	1.6	6
43	Successful treatment of thymic carcinoma with dermatomyositis and interstitial pneumonia: A case report. Thoracic Cancer, 2019, 10, 2031-2034.	1.9	6
44	The functional connectivity study on the brainstem ortical/subcortical structures in responders following cervical vagus nerve stimulation. International Journal of Developmental Neuroscience, 2020, 80, 679-686.	1.6	6
45	Venous thromboembolism after adult thymus or thymic tumor resection: A singleâ€center experience. Thoracic Cancer, 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. Annals of Translational Medicine, 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. Thoracic Cancer, 2021, 12, 1074-1083.	1.9	6
48	Propofol Anesthesia Decreased the Efficiency of Long-Range Cortical Interaction in Humans. IEEE Transactions on Biomedical Engineering, 2022, 69, 165-175.	4.2	6
49	Analysis of Epileptic Seizures with Complex Network. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-6.	1.3	5
50	The surgical outcome of patients with bilateral temporal lobe epilepsy. Epilepsy Research, 2018, 144, 7-13.	1.6	5
51	A case of right orbitofrontal epilepsy featuring ictal swearing. Journal of the Neurological Sciences, 2019, 397, 1-3.	0.6	5
52	Prognostic Factors and Longitudinal Change in Long-Term Outcome of Frontal Lobe Epilepsy Surgery. World Neurosurgery, 2019, 121, e32-e38.	1.3	5
53	The effect of vagal nerve stimulation on hippocampal-thalamic functional connectivity in epilepsy patients. Brain Research Bulletin, 2020, 163, 143-149.	3.0	5
54	Mechanistic Analysis of Micro-Neurocircuits Underlying the Epileptogenic Zone in Focal Cortical Dysplasia Patients. Cerebral Cortex, 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. Neuroscience Letters, 2021, 751, 135815.	2.1	4
56	On disturbance rejection control of the epileptiform spikes. Cognitive Neurodynamics, 2022, 16, 425-441.	4.0	4
57	Recovery of cortical atrophy in patients with temporal lobe epilepsy after successful anterior temporal lobectomy. Epilepsy and Behavior, 2021, 123, 108272.	1.7	4
58	Ictal onset stereoelectroencephalography patterns in temporal lobe epilepsy: type, distribution, and prognostic value. Acta Neurochirurgica, 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. Frontiers in Neuroinformatics, 2019, 13, 44.	2.5	3
60	Pre-surgical Language Mapping in Epilepsy: Using fMRI in Chinese-Speaking Patients. Frontiers in Human Neuroscience, 2019, 13, 183.	2.0	3
61	Neural processes of auditory perception in Heschl's gyrus for upcoming acoustic stimuli in humans. Hearing Research, 2020, 388, 107895.	2.0	3
62	Grey and white matter microstructure changes in epilepsy patients with vagus nerve stimulators. Clinical Neurology and Neurosurgery, 2021, 209, 106918.	1.4	3
63	Altered topological properties of brain functional networks in drug-resistant epilepsy patients with vagus nerve stimulators. Seizure: the Journal of the British Epilepsy Association, 2021, 92, 149-154.	2.0	3
64	Measuring the Coupling Direction between Neural Oscillations with Weighted Symbolic Transfer Entropy. Entropy, 2020, 22, 1442.	2.2	3
65	A study of medial and lateral temporal lobe epilepsy based on stereoelectroencephalography. Chinese Medical Journal, 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. Clinical Neurology and Neurosurgery, 2020, 193, 105785.	1.4	2
67	Cortical high-frequency oscillation loops initiate spasm seizures. NeuroReport, 2020, 31, 311-318.	1.2	2
68	Altered ripple density inside seizure onset zone in patients with focal cortical dysplasiaâ€associated epilepsy. Brain and Behavior, 2021, 11, e02169.	2.2	2
69	Functional characteristics of the human primary somatosensory cortex: An electrostimulation study. Epilepsy and Behavior, 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. Acta Neurochirurgica, 2021, 163, 3031-3037.	1.7	2
71	Focal epilepsy with paroxysmal pain due to somatic injury. Epileptic Disorders, 2017, 19, 207-211.	1.3	1
72	Ictal coprolalia occurs due to the activation of the temporal-orbitofrontal network in patients with epilepsy. Journal of the Neurological Sciences, 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. Epilepsy and Behavior, 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. Clinical Neurology and Neurosurgery, 2021, 203, 106567.	1.4	1
75	Dexmedetomidine inhibits unstable motor network in patients with primary motor area gliomas. Aging, 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. Journal of Clinical Neuroscience, 2020, 79, 259-265.	1.5	0
78	Functional hemispherectomy for patients with adult-onset Rasmussen's encephalitis. Acta Epileptologica, 2021, 3, .	0.9	0
79	Functional mapping of language-related areas from natural, narrative speech during awake craniotomy surgery. Neurolmage, 2021, 245, 118720.	4.2	0
80	Discriminative neural pathways for perception-cognition activity of color and face in the human brain. Cerebral Cortex, 2023, 33, 1972-1984.	2.9	0