

Guojun Zhang

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.

86 papers	598 citations	12 h-index	20 g-index
90 ext. papers	905 ext. citations	3.8 avg, IF	4.03 L-index

#	Paper	IF	Citations
86	Ictal onset stereoelectroencephalography patterns in temporal lobe epilepsy: type, distribution, and prognostic value.. <i>Acta Neurochirurgica</i> , 2022 , 164, 555	3	0
85	Predicting Elevated TSH Levels in the Physical Examination Population With a Machine Learning Model.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 839829	5.7	0
84	Clinical Feature, Therapy, Antimicrobial Resistance Gene Distribution, and Outcome of Nosocomial Meningitis Induced by Multidrug-Resistant Enterobacteriaceae-A Longitudinal Cohort Study From Two Neurosurgical Centers in Northern China.. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022 , 13, 836857	5.9	0
83	Dual-detection fluorescent immunochromatographic assay for quantitative detection of SARS-CoV-2 spike RBD-ACE2 blocking neutralizing antibody.. <i>Biosensors and Bioelectronics</i> , 2021 , 199, 113883	11.8	2
82	Improvement of Tourette syndrome symptoms after intractable temporal lobe epileptic surgery: a case report. <i>International Journal of Neuroscience</i> , 2021 , 1-6	2	
81	Voxel-based morphometric MRI post-processing and PET/MRI co-registration reveal subtle abnormalities in cingulate epilepsy. <i>Epilepsy Research</i> , 2021 , 171, 106568	3	4
80	Clinical application of intraoperative trial-free online-based language mapping for patients with refractory epilepsy. <i>Epilepsy and Behavior</i> , 2021 , 116, 107496	3.2	1
79	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	2	1
78	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	4.1	3
77	The thalamus-precentral gyrus functional connectivity changes in epilepsy patients following vagal nerve stimulation. <i>Neuroscience Letters</i> , 2021 , 751, 135815	3.3	1
76	Altered ripple density inside seizure onset zone in patients with focal cortical dysplasia-associated epilepsy. <i>Brain and Behavior</i> , 2021 , 11, e02169	3.4	2
75	Analytical validation of GMEX rapid point-of-care genotyping system for the CHANCE-2 trial. <i>Stroke and Vascular Neurology</i> , 2021 , 6, 274-279	9.1	3
74	Functional characteristics of the human primary somatosensory cortex: An electrostimulation study. <i>Epilepsy and Behavior</i> , 2021 , 118, 107920	3.2	1
73	Localization of the Epileptogenic Zone by Multimodal Neuroimaging and High-Frequency Oscillation. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 677840	3.3	0
72	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	2.2	3
71	Heterophilic antibody interference with TSH measurement on different immunoassay platforms. <i>Clinica Chimica Acta</i> , 2021 , 512, 63-65	6.2	5
70	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	6.8	6

69	Phenotype, molecular characterisation and risk factors for postoperative meningitis caused by ESBL-producing-Enterobacteriaceae: a six years multi-Centre comparative cohort study. <i>BMC Infectious Diseases</i> , 2021 , 21, 85	4	1
68	Functional organization of the human primary somatosensory cortex: A stereo-electroencephalography study. <i>Clinical Neurophysiology</i> , 2021 , 132, 487-497	4.3	4
67	Auras in intractable frontal lobe epilepsy: Clinical characteristics, values, and limitations. <i>Epilepsy and Behavior</i> , 2021 , 115, 107724	3.2	2
66	Evaluation of the Diagnostic and Prognostic Value of CSF Presepsin Levels in Patients with Postneurosurgical Ventriculitis/Meningitis. <i>Infection and Drug Resistance</i> , 2021 , 14, 2901-2909	4.2	1
65	Discovery of Novel Biomarkers for Diagnosing and Predicting the Progression of Multiple Sclerosis Using TMT-Based Quantitative Proteomics. <i>Frontiers in Immunology</i> , 2021 , 12, 700031	8.4	2
64	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	2.2	2
63	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	3	0
62	Effect of Adjusted Antiplatelet Therapy on Preventing Ischemic Events After Stenting for Intracranial Aneurysms. <i>Stroke</i> , 2021 , 52, 3815-3825	6.7	2
61	Grey and white matter microstructure changes in epilepsy patients with vagus nerve stimulators. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 209, 106918	2	1
60	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	3.2	0
59	EMT-Related Markers in Serum Exosomes are Potential Diagnostic Biomarkers for Invasive Pituitary Adenomas.. <i>Neuropsychiatric Disease and Treatment</i> , 2021 , 17, 3769-3780	3.1	0
58	Metagenomic Next-Generation Sequencing of Cerebrospinal Fluid for the Diagnosis of External Ventricular and Lumbar Drainage-Associated Ventriculitis and Meningitis. <i>Frontiers in Microbiology</i> , 2020 , 11, 596175	5.7	2
57	Subthalamic Nucleus Stimulation Modulates Motor Epileptic Activity in Humans. <i>Annals of Neurology</i> , 2020 , 88, 283-296	9.4	5
56	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	3.4	3
55	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	2	
54	Label-free serum detection based on Raman spectroscopy for the diagnosis and classification of glioma. <i>Journal of Raman Spectroscopy</i> , 2020 , 51, 1977-1985	2.3	4
53	Cortical high-frequency oscillation loops initiate spasm seizures. <i>NeuroReport</i> , 2020 , 31, 311-318	1.7	1
52	The Clinical Significance of Soluble Programmed Cell Death-Ligand 1 (sPD-L1) in Patients With Gliomas. <i>Frontiers in Oncology</i> , 2020 , 10, 9	5.3	9

51	Silencing of Long Non-coding RNA GAS5 Suppresses Neuron Cell Apoptosis and Nerve Injury in Ischemic Stroke Through Inhibiting DNMT3B-Dependent MAP4K4 Methylation. <i>Translational Stroke Research</i> , 2020 , 11, 950-966	7.8	23
50	Evaluation of a micro/nanofluidic chip platform for diagnosis of central nervous system infections: a multi-center prospective study. <i>Scientific Reports</i> , 2020 , 10, 1568	4.9	5
49	The value of magnetoencephalography for stereo-EEG-guided radiofrequency thermocoagulation in MRI-negative epilepsy. <i>Epilepsy Research</i> , 2020 , 163, 106322	3	3
48	Soluble programmed death-1 (sPD-1) and programmed death ligand 1 (sPD-L1) as potential biomarkers for the diagnosis and prognosis of glioma patients. <i>Journal of Medical Biochemistry</i> , 2020 , 39, 444-451	1.9	0
47	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	3.2	1
46	The Diverse Upper Reference Limits of Serum Thyroid-Stimulating Hormone on the Same Platform for Pregnant Women in China. <i>Laboratory Medicine</i> , 2020 , 51, 416-422	1.6	1
45	The diagnostic value of serum C-reactive protein, procalcitonin, interleukin-6 and lactate dehydrogenase in patients with severe acute pancreatitis. <i>Clinica Chimica Acta</i> , 2020 , 510, 665-670	6.2	11
44	The functional connectivity study on the brainstem-cortical/subcortical structures in responders following cervical vagus nerve stimulation. <i>International Journal of Developmental Neuroscience</i> , 2020 , 80, 679-686	2.7	1
43	Epilepsy duration as an independent predictor of response to vagus nerve stimulation. <i>Epilepsy Research</i> , 2020 , 167, 106432	3	4
42	Rapid Detection of and Genes by Loop-Mediated Isothermal Amplification in a Microfluidic System for Discrimination of Different Staphylococcal Species and Prediction of Methicillin Resistance. <i>Frontiers in Microbiology</i> , 2020 , 11, 1487	5.7	4
41	The effect of vagal nerve stimulation on hippocampal-thalamic functional connectivity in epilepsy patients. <i>Brain Research Bulletin</i> , 2020 , 163, 143-149	3.9	1
40	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	2.2	
39	Time to positive culture can differentiate post-neurosurgical coagulase-negative Staphylococci other than <i>S. epidermidis</i> meningitis from contamination: A case-control observational study. <i>Journal of Clinical Laboratory Analysis</i> , 2020 , 34, e23447	3	3
38	Development and verification of a discriminate algorithm for diagnosing post-neurosurgical bacterial meningitis-A multicenter observational study. <i>Journal of Clinical Laboratory Analysis</i> , 2020 , 34, e23069	3	4
37	Exosomes derived from microRNA-138-5p-overexpressing bone marrow-derived mesenchymal stem cells confer neuroprotection to astrocytes following ischemic stroke via inhibition of LCN2. <i>Journal of Biological Engineering</i> , 2019 , 13, 71	6.3	55
36	Association of SLCO1B1 and ABCB1 Genetic Variants with Atorvastatin-induced Myopathy in Patients with Acute Ischemic Stroke. <i>Current Pharmaceutical Design</i> , 2019 , 25, 1663-1670	3.3	6
35	Localization of Epileptogenic Zone Based on Cortico-Cortical Evoked Potential (CCEP): A Feature Extraction and Graph Theory Approach. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 31	3.9	9
34	Diagnosis of central nervous system lymphoma via cerebrospinal fluid cytology: a case report. <i>BMC Neurology</i> , 2019 , 19, 90	3.1	2

33	Role of NKCC1 and KCC2 in Epilepsy: From Expression to Function. <i>Frontiers in Neurology</i> , 2019 , 10, 14074.1	26
32	The combination of cerebrospinal fluid procalcitonin, lactate, interleukin-8 and interleukin-10 concentrations for the diagnosis of postneurosurgical bacterial meningitis: A prospective study. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 133-140	2.2 4
31	Diagnosis of Invasive Nonfunctional Pituitary Adenomas by Serum Extracellular Vesicles. <i>Analytical Chemistry</i> , 2019 , 91, 9580-9589	7.8 12
30	Risk Factors of Recurrent Ischemic Events after Acute Noncardiogenic Ischemic Stroke. <i>Current Pharmaceutical Design</i> , 2019 , 25, 4827-4834	3.3 6
29	A case of right orbitofrontal epilepsy featuring ictal swearing. <i>Journal of the Neurological Sciences</i> , 2019 , 397, 1-3	3.2 4
28	Prognostic Factors and Longitudinal Change in Long-Term Outcome of Frontal Lobe Epilepsy Surgery. <i>World Neurosurgery</i> , 2019 , 121, e32-e38	2.1 3
27	Identification and Characterization of Clostridium difficile Sequence Type 37 Genotype by Matrix-Assisted Laser Desorption Ionization Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2018 , 56,	9.7 10
26	Brain network alteration in patients with temporal lobe epilepsy with cognitive impairment. <i>Epilepsy and Behavior</i> , 2018 , 81, 41-48	3.2 26
25	Development of a novel parallel determination platform: a feasibility study tested on a chemiluminescence device. <i>Analytical Methods</i> , 2018 , 10, 298-307	3.2 2
24	Evaluation of a micro/nanofluidic chip platform for the high-throughput detection of bacteria and their antibiotic resistance genes in post-neurosurgical meningitis. <i>International Journal of Infectious Diseases</i> , 2018 , 70, 115-120	10.5 16
23	High-frequency stimulation of anterior nucleus of thalamus desynchronizes epileptic network in humans. <i>Brain</i> , 2018 , 141, 2631-2643	11.2 52
22	The surgical outcome of patients with bilateral temporal lobe epilepsy. <i>Epilepsy Research</i> , 2018 , 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> , 2018 , 61, 104-110	3.2 12
20	Brain network alterations of mesial temporal lobe epilepsy with cognitive dysfunction following anterior temporal lobectomy. <i>Epilepsy and Behavior</i> , 2018 , 87, 123-130	3.2 5
19	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	5.3 16
18	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	4.1 15
17	Influence of the -202A/C Gene Polymorphism on Clinical Features and Surgery Outcome in Acromegalic Patients. <i>Frontiers in Endocrinology</i> , 2018 , 9, 751	5.7 1
16	Association between acromegaly and a single nucleotide polymorphism (rs2854744) in the IGFBP3 gene. <i>BMC Medical Genetics</i> , 2018 , 19, 182	2.1 5

15	Electrical stimulation of the insulo-opercular region: visual phenomena and altered body-ownership symptoms. <i>Epilepsy Research</i> , 2018 , 148, 96-106	3	5
14	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	4.7	9
13	Downregulation of miR-196b Promotes Glioma Cell Sensitivity to Temozolomide Chemotherapy and Radiotherapy. <i>Annals of Clinical and Laboratory Science</i> , 2018 , 48, 719-725	0.9	1
12	DHX32 expression is an indicator of poor breast cancer prognosis. <i>Oncology Letters</i> , 2017 , 13, 942-948	2.6	5
11	Focal epilepsy with paroxysmal pain due to somatic injury. <i>Epileptic Disorders</i> , 2017 , 19, 207-211	1.9	
10	Hepatitis C virus core antigen assay: an alternative method for hepatitis C diagnosis. <i>Annals of Clinical Biochemistry</i> , 2017 , 54, 279-285	2.2	9
9	High frequency oscillations for lateralizing suspected bitemporal epilepsy. <i>Epilepsy Research</i> , 2016 , 127, 233-240	3	10
8	High expression of UBE2C is associated with the aggressive progression and poor outcome of malignant glioma. <i>Oncology Letters</i> , 2016 , 11, 2300-2304	2.6	22
7	Time-frequency analysis of intracranial EEG in patients with myoclonic seizures. <i>Brain Research</i> , 2016 , 1652, 119-126	3.7	4
6	Neuroprotective Effect of Electric Conduction Treatment on Hippocampus Cell Apoptosis in KA Induced Acute Temporal Lobe Epileptic Rats. <i>Brain Stimulation</i> , 2016 , 9, 933-939	5.1	6
5	Surgical treatment for patients with symptomatic generalised seizures due to brain lesions. <i>Epilepsy Research</i> , 2015 , 112, 92-9	3	5
4	The diagnostic value of cerebrospinal fluids procalcitonin and lactate for the differential diagnosis of post-neurosurgical bacterial meningitis and aseptic meningitis. <i>Clinical Biochemistry</i> , 2015 , 48, 50-4	3.5	45
3	Toll-like receptor 2 and -4 are involved in the pathogenesis of the Guillain-Barré Syndrome. <i>Molecular Medicine Reports</i> , 2015 , 12, 3207-13	2.9	12
2	Chemiluminescence immunoassay based on microfluidic chips for β -fetoprotein. <i>Clinica Chimica Acta</i> , 2014 , 431, 113-7	6.2	39
1	Seizure control of current shunt on rats with temporal lobe epilepsy and neocortical epilepsy. <i>PLoS ONE</i> , 2014 , 9, e86477	3.7	1