

Patrick Kwan

List of Publications by Year in descending order

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Version: 2024-02-01

304
papers

22,344
citations

23879

60
h-index

11946

139
g-index

311
all docs

311
docs citations

311
times ranked

18165
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | The ENIGMA-Epilepsy working group: Mapping disease from large data sets. <i>Human Brain Mapping</i> , 2022, 43, 113-128. | 1.9 | 47 |
| 2 | A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, . | 1.8 | 22 |
| 3 | Markov modelling of treatment response in a 30-year cohort study of newly diagnosed epilepsy. <i>Brain</i> , 2022, 145, 1326-1337. | 3.7 | 3 |
| 4 | Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. <i>Brain</i> , 2022, 145, 1285-1298. | 3.7 | 18 |
| 5 | International Post Stroke Epilepsy Research Consortium (IPSERC): A consortium to accelerate discoveries in preventing epileptogenesis after stroke. <i>Epilepsy and Behavior</i> , 2022, 127, 108502. | 0.9 | 6 |
| 6 | Alpha-lipoic acid analogues in the regulation of redox balance in epilepsy: A molecular docking and simulation study. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 112, 108116. | 1.3 | 5 |
| 7 | Asymmetric distribution of enlarged perivascular spaces in centrum semiovale may be associated with epilepsy after acute ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2022, 28, 343-353. | 1.9 | 15 |
| 8 | Industry Viable Electrochemical DNA Detection Sensor Architecture via a Stem-Loop Methylene Blue Redox Reporter and Rapid In Situ Probe Immobilization Method for Pharmacogenetic Biomarker Testing Application. <i>Journal of the Electrochemical Society</i> , 2022, 169, 017508. | 1.3 | 0 |
| 9 | The effect of epilepsy surgery on productivity: A systematic review and meta-analysis. <i>Epilepsia</i> , 2022, , . | 2.6 | 0 |
| 10 | Design and Optimisation of Elliptical-Shaped Planar Hall Sensor for Biomedical Applications. <i>Biosensors</i> , 2022, 12, 108. | 2.3 | 2 |
| 11 | Diagnostic delay in focal epilepsy: Association with brain pathology and age. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2022, 96, 121-127. | 0.9 | 2 |
| 12 | Risk Factors and Prognosis of Early Posttraumatic Seizures in Moderate to Severe Traumatic Brain Injury. <i>JAMA Neurology</i> , 2022, 79, 334. | 4.5 | 26 |
| 13 | Potential role of regulatory DNA variants in modifying the risk of severe cutaneous reactions induced by aromatic anti-seizure medications. <i>Epilepsia</i> , 2022, 63, 936-949. | 2.6 | 5 |
| 14 | Machine learning approaches for imaging-based prognostication of the outcome of surgery for mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2022, 63, 1081-1092. | 2.6 | 10 |
| 15 | Network Preservation Analysis Reveals Dysregulated Synaptic Modules and Regulatory Hubs Shared Between Alzheimer's Disease and Temporal Lobe Epilepsy. <i>Frontiers in Genetics</i> , 2022, 13, 821343. | 1.1 | 7 |
| 16 | Interictal EEG and ECG for SUDEP Risk Assessment: A Retrospective Multicenter Cohort Study. <i>Frontiers in Neurology</i> , 2022, 13, 858333. | 1.1 | 2 |
| 17 | Serious Cardiac Arrhythmias Detected by Subcutaneous Long-term Cardiac Monitors in Patients With Drug-Resistant Epilepsy. <i>Neurology</i> , 2022, 98, . | 1.5 | 6 |
| 18 | Modified low ratio ketogenic therapy in the treatment of adults with super-refractory status epilepticus. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 1819-1827. | 1.3 | 6 |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Prospective multisite cohort study of patient-reported outcomes in adults with new-onset seizures. <i>Epilepsia Open</i> , 2022, 7, 201-209. | 1.3 | 1 |
| 20 | Seizure Outcome After Surgery for MRI-Diagnosed Focal Cortical Dysplasia. <i>Neurology</i> , 2022, 98, . | 1.5 | 11 |
| 21 | Long-term cannabidiol treatment for seizures in patients with tuberous sclerosis complex: An open-label extension trial. <i>Epilepsia</i> , 2022, 63, 426-439. | 2.6 | 39 |
| 22 | Automated seizure detection with noninvasive wearable devices: A systematic review and meta-analysis. <i>Epilepsia</i> , 2022, 63, 1930-1941. | 2.6 | 24 |
| 23 | Risk factors and consequences of self-discontinuation of treatment by patients with newly diagnosed epilepsy. <i>Epilepsy and Behavior</i> , 2022, 131, 108664. | 0.9 | 5 |
| 24 | A magnetoimpedance biosensor microfluidic platform for detection of glial fibrillary acidic protein in blood for acute stroke classification. <i>Biosensors and Bioelectronics</i> , 2022, 211, 114410. | 5.3 | 8 |
| 25 | Adjunctive Transdermal Cannabidiol for Adults With Focal Epilepsy. <i>JAMA Network Open</i> , 2022, 5, e2220189. | 2.8 | 9 |
| 26 | Practical Considerations for Ketogenic Diet in Adults With Super-Refractory Status Epilepticus. <i>Neurology: Clinical Practice</i> , 2021, 11, 438-444. | 0.8 | 6 |
| 27 | Impact of COVID-19 on seizure-related emergency attendances and hospital admissions – A territory-wide observational study. <i>Epilepsy and Behavior</i> , 2021, 115, 107497. | 0.9 | 16 |
| 28 | Cognitive profiles in patients with epileptic and nonepileptic seizures evaluated using a brief cognitive assessment tool. <i>Epilepsy and Behavior</i> , 2021, 115, 107643. | 0.9 | 4 |
| 29 | Inflammation, ictogenesis, and epileptogenesis: An exploration through human disease. <i>Epilepsia</i> , 2021, 62, 303-324. | 2.6 | 40 |
| 30 | The clinical utility of exome sequencing and extended bioinformatic analyses in adolescents and adults with a broad range of neurological phenotypes: an Australian perspective. <i>Journal of the Neurological Sciences</i> , 2021, 420, 117260. | 0.3 | 16 |
| 31 | Newly diagnosed seizures assessed at two established first seizure clinics: Clinic characteristics, investigations, and findings over 11 years. <i>Epilepsia Open</i> , 2021, 6, 171-180. | 1.3 | 11 |
| 32 | Sex Differences in the Risk of Cutaneous Adverse Drug Reactions Induced by Antiseizure Medications: A Systematic Review and Meta-analysis. <i>CNS Drugs</i> , 2021, 35, 161-176. | 2.7 | 5 |
| 33 | Adverse events related to antiepileptic drugs. <i>Epilepsy and Behavior</i> , 2021, 115, 107657. | 0.9 | 7 |
| 34 | Clinical predictors of discordance between screening tests and psychiatric assessment for depressive and anxiety disorders among patients being evaluated for seizure disorders. <i>Epilepsia</i> , 2021, 62, 1170-1183. | 2.6 | 14 |
| 35 | Add-on Cannabidiol Treatment for Drug-Resistant Seizures in Tuberous Sclerosis Complex. <i>JAMA Neurology</i> , 2021, 78, 285. | 4.5 | 139 |
| 36 | Predictors of New-Onset Epilepsy in People With Younger-Onset Neurocognitive Disorders. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 637260. | 1.7 | 7 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 37 | Short- and long-term outcomes of immediate and delayed treatment in epilepsy diagnosed after one or multiple seizures. <i>Epilepsy and Behavior</i> , 2021, 117, 107880. | 0.9 | 7 |
| 38 | Psychiatric symptoms are the strongest predictors of quality of life in patients with drug-resistant epilepsy or psychogenic nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2021, 117, 107861. | 0.9 | 14 |
| 39 | Automated Inter-Ictal Epileptiform Discharge Detection from Routine EEG. <i>Studies in Health Technology and Informatics</i> , 2021, , . | 0.2 | 2 |
| 40 | Carbamazepine Induces Focused T Cell Responses in Resolved Stevens-Johnson Syndrome and Toxic Epidermal Necrolysis Cases But Does Not Perturb the Immunopeptidome for T Cell Recognition. <i>Frontiers in Immunology</i> , 2021, 12, 653710. | 2.2 | 14 |
| 41 | Altered metabolic pathways in a transgenic mouse model suggest mechanistic role of amyloid precursor protein overexpression in Alzheimer's disease. <i>Metabolomics</i> , 2021, 17, 42. | 1.4 | 9 |
| 42 | The effect of injection time on rates of epileptogenic zone localization using SISCOM and STATISCOM. <i>Epilepsy and Behavior</i> , 2021, 118, 107945. | 0.9 | 6 |
| 43 | HLA Risk Alleles in Aromatic Antiepileptic Drug-Induced Maculopapular Exanthema. <i>Frontiers in Pharmacology</i> , 2021, 12, 671572. | 1.6 | 8 |
| 44 | Development and validation of a clinical score to predict late seizures after intracerebral hemorrhage in Chinese. <i>Epilepsy Research</i> , 2021, 172, 106600. | 0.8 | 11 |
| 45 | Study protocol for a phase II randomised, double-blind, placebo-controlled trial of perampanel as an antiepileptogenic treatment following acute stroke. <i>BMJ Open</i> , 2021, 11, e043488. | 0.8 | 6 |
| 46 | Heater Integrated Lab-on-a-Chip Device for Rapid HLA Alleles Amplification towards Prevention of Drug Hypersensitivity. <i>Sensors</i> , 2021, 21, 3413. | 2.1 | 5 |
| 47 | Industry Viable Electrochemical DNA Detection Sensor Architecture Via a Stem-Loop Methylene Blue Redox Reporter and Rapid in Situ Probe Mobilization Method. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 2078-2078. | 0.0 | 0 |
| 48 | Industry Viable Electrochemical DNA Detection Sensor Architecture Via a Stem-Loop Methylene Blue Redox Reporter and Rapid in Situ Probe Mobilization Method. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 2067-2067. | 0.0 | 0 |
| 49 | 7T Magnetic Resonance Imaging Quantification of Brain Glutamate in Acute Ischaemic Stroke. <i>Journal of Stroke</i> , 2021, 23, 281-284. | 1.4 | 5 |
| 50 | Astrocyte and glutamate involvement in the pathogenesis of epilepsy in Alzheimer's disease. <i>Epilepsia</i> , 2021, 62, 1485-1493. | 2.6 | 29 |
| 51 | Shared genetic basis between genetic generalized epilepsy and background electroencephalographic oscillations. <i>Epilepsia</i> , 2021, 62, 1518-1527. | 2.6 | 5 |
| 52 | One step closer towards personalized epilepsy management. <i>Brain</i> , 2021, 144, 1624-1626. | 3.7 | 2 |
| 53 | Sub-genic intolerance, ClinVar, and the epilepsies: A whole-exome sequencing study of 29,165 individuals. <i>American Journal of Human Genetics</i> , 2021, 108, 965-982. | 2.6 | 35 |
| 54 | An ultra-portable, self-contained point-of-care nucleic acid amplification test for diagnosis of active COVID-19 infection. <i>Scientific Reports</i> , 2021, 11, 15176. | 1.6 | 24 |

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|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 55 | Practical considerations of dietary therapies for epilepsy in adults. <i>Acta Epileptologica</i> , 2021, 3, . | 0.4 | 2 |
| 56 | Association Between Psychiatric Comorbidities and Mortality in Epilepsy. <i>Neurology: Clinical Practice</i> , 2021, 11, 429-437. | 0.8 | 7 |
| 57 | Psychiatric and cognitive characteristics of older adults admitted to a Video-EEG monitoring (VEM) unit. <i>Epilepsy and Behavior</i> , 2021, 120, 107987. | 0.9 | 1 |
| 58 | “Differentiating status epilepticus from prolonged psychogenic non-epileptic seizures” can peripheral cell ratios help?. , 2021, , . | | 0 |
| 59 | Risk of Post-stroke Epilepsy Following Stroke-Associated Acute Symptomatic Seizures. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 707732. | 1.7 | 14 |
| 60 | Low prevalence of amyloid and tau pathology in drug-resistant temporal lobe epilepsy. <i>Epilepsia</i> , 2021, 62, 3058-3067. | 2.6 | 8 |
| 61 | Machine learning models for decision support in epilepsy management: A critical review. <i>Epilepsy and Behavior</i> , 2021, 123, 108273. | 0.9 | 14 |
| 62 | ggVolcanoR: A Shiny app for customizable visualization of differential expression datasets. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5735-5740. | 1.9 | 19 |
| 63 | Meander Thin-Film Biosensor Fabrication to Investigate the Influence of Structural Parameters on the Magneto-Impedance Effect. <i>Sensors</i> , 2021, 21, 6514. | 2.1 | 4 |
| 64 | Association of Short-term Heart Rate Variability and Sudden Unexpected Death in Epilepsy. <i>Neurology</i> , 2021, 97, . | 1.5 | 25 |
| 65 | Longitudinal changes of focal cortical glucose hypometabolism in adults with chronic drug resistant temporal lobe epilepsy. <i>Brain Imaging and Behavior</i> , 2021, 15, 2795-2803. | 1.1 | 2 |
| 66 | Using common genetic variants to find drugs for common epilepsies. <i>Brain Communications</i> , 2021, 3, fcb287. | 1.5 | 9 |
| 67 | Comparative analysis of loop-mediated isothermal amplification (LAMP)-based assays for rapid detection of SARS-CoV-2 genes. <i>Scientific Reports</i> , 2021, 11, 22493. | 1.6 | 13 |
| 68 | Psychiatric symptoms are the strongest predictors of quality of life in patients with drug-resistant epilepsy or psychogenic nonepileptic seizures: Authors’ response. <i>Epilepsy and Behavior</i> , 2021, , 108436. | 0.9 | 0 |
| 69 | Vagus nerve stimulation therapy in people with drug-resistant epilepsy (CORE-VNS): rationale and design of a real-world post-market comprehensive outcomes registry. <i>BMJ Neurology Open</i> , 2021, 3, e000218. | 0.7 | 2 |
| 70 | Letter: improved parsimony of genetic risk scores for coeliac disease through refined HLA modelling. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 759-760. | 1.9 | 2 |
| 71 | The potential role of human multidrug resistance protein 1 (MDR1) and multidrug resistance-associated protein 2 (MRP2) in the transport of Huperzine A <i>in vitro</i> . <i>Xenobiotica</i> , 2020, 50, 354-362. | 0.5 | 8 |
| 72 | Pharmacoresistance “Epidemiology, mechanisms, and impact on epilepsy treatment. <i>Neuropharmacology</i> , 2020, 168, 107790. | 2.0 | 88 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 73 | Psychometric properties of the Hospital Anxiety and Depression Scale in an inpatient video-monitoring epilepsy cohort. <i>Epilepsy and Behavior</i> , 2020, 103, 106631. | 0.9 | 5 |
| 74 | Emergency presentation of new onset <i>versus</i> recurrent undiagnosed seizures: A retrospective review. <i>EMA - Emergency Medicine Australasia</i> , 2020, 32, 430-437. | 0.5 | 7 |
| 75 | Genetic variants in incident SUDEP cases from a community-based prospective cohort with epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 126-131. | 0.9 | 9 |
| 76 | Magneto-Impedance Biosensor Sensitivity: Effect and Enhancement. <i>Sensors</i> , 2020, 20, 5213. | 2.1 | 17 |
| 77 | New era of personalised epilepsy management. <i>BMJ, The</i> , 2020, 371, m3658. | 3.0 | 20 |
| 78 | Reproducibility of Glutamate, Glutathione, and GABA Measurements in vivo by Single-Voxel STEAM Magnetic Resonance Spectroscopy at 7-Tesla in Healthy Individuals. <i>Frontiers in Neuroscience</i> , 2020, 14, 566643. | 1.4 | 14 |
| 79 | Development and validation of a screening questionnaire for psychogenic nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2020, 112, 107482. | 0.9 | 9 |
| 80 | Acute and late neurological complications of COVID19: the quest for evidence. <i>Brain</i> , 2020, 143, e99-e99. | 3.7 | 10 |
| 81 | Association between CYP2C9 polymorphisms and ischemic stroke following endovascular neurointervention. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104901. | 0.7 | 3 |
| 82 | Resting-state functional MRI of the default mode network in epilepsy. <i>Epilepsy and Behavior</i> , 2020, 111, 107308. | 0.9 | 17 |
| 83 | Improved HLA-based prediction of coeliac disease identifies two novel genetic interactions. <i>European Journal of Human Genetics</i> , 2020, 28, 1743-1752. | 1.4 | 10 |
| 84 | Mortality in patients with psychogenic nonepileptic seizures. <i>Neurology</i> , 2020, 95, e643-e652. | 1.5 | 75 |
| 85 | Editorial: Advances in Steroid-Responsive Encephalopathy. <i>Frontiers in Neurology</i> , 2020, 11, 793. | 1.1 | 0 |
| 86 | Characteristics and treatment outcomes of newly diagnosed epilepsy in older people: A 30-year longitudinal cohort study. <i>Epilepsia</i> , 2020, 61, 2720-2728. | 2.6 | 14 |
| 87 | Enlarged hippocampal fissure in psychosis of epilepsy. <i>Epilepsy and Behavior</i> , 2020, 111, 107290. | 0.9 | 4 |
| 88 | Seven-Tesla quantitative magnetic resonance spectroscopy of glutamate, γ -aminobutyric acid, and glutathione in the posterior cingulate cortex/precuneus in patients with epilepsy. <i>Epilepsia</i> , 2020, 61, 2785-2794. | 2.6 | 17 |
| 89 | The costs of epilepsy in Australia. <i>Neurology</i> , 2020, 95, e3221-e3231. | 1.5 | 28 |
| 90 | White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473. | 3.7 | 123 |

| # | ARTICLE | IF | CITATIONS |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91 | Factors associated with subjective cognitive function in epilepsy and psychogenic non-epileptic seizures. <i>Epilepsy Research</i> , 2020, 163, 106342. | 0.8 | 9 |
| 92 | Unravelling the Role of Glycogen Synthase Kinase-3 in Alzheimer's Disease-Related Epileptic Seizures. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3676. | 1.8 | 13 |
| 93 | Epilepsy subtype-specific copy number burden observed in a genome-wide study of 17%458 subjects. <i>Brain</i> , 2020, 143, 2106-2118. | 3.7 | 47 |
| 94 | Antiepileptic Drug Teratogenicity and De Novo Genetic Variation Load. <i>Annals of Neurology</i> , 2020, 87, 897-906. | 2.8 | 9 |
| 95 | What has been the impact of new drug treatments on epilepsy?. <i>Current Opinion in Neurology</i> , 2020, 33, 185-190. | 1.8 | 45 |
| 96 | Cardiorespiratory and autonomic function in epileptic seizures: A video-EEG monitoring study. <i>Epilepsy and Behavior</i> , 2020, 111, 107271. | 0.9 | 21 |
| 97 | Prevalence of MRI abnormalities in people with epilepsy in rural China. <i>Neurology</i> , 2020, 95, e1236-e1243. | 1.5 | 7 |
| 98 | Treatment initiation decisions in newly diagnosed epilepsy—A longitudinal cohort study. <i>Epilepsia</i> , 2020, 61, 445-454. | 2.6 | 15 |
| 99 | 30 years of second-generation antiseizure medications: impact and future perspectives. <i>Lancet Neurology</i> , The, 2020, 19, 544-556. | 4.9 | 134 |
| 100 | Antiepileptic drugs are not independently associated with cognitive dysfunction. <i>Neurology</i> , 2020, 94, e1051-e1061. | 1.5 | 34 |
| 101 | Tolerability of Antiseizure Medications in Individuals With Newly Diagnosed Epilepsy. <i>JAMA Neurology</i> , 2020, 77, 574. | 4.5 | 41 |
| 102 | Mortality and morbidity of patients with treated and untreated epilepsy in New Zealand. <i>Epilepsia</i> , 2020, 61, 519-527. | 2.6 | 20 |
| 103 | Open-label long-term treatment of add-on triheptanoin in adults with drug-resistant epilepsy. <i>Epilepsia Open</i> , 2020, 5, 230-239. | 1.3 | 9 |
| 104 | Epileptic Seizure Detection Using Convolutional Neural Network: A Multi-Biosignal study. , 2020, , . | | 13 |
| 105 | Resting-state functional connectivity and quantitation of glutamate and GABA of the PCC/precuneus by magnetic resonance spectroscopy at 7T in healthy individuals. <i>PLoS ONE</i> , 2020, 15, e0244491. | 1.1 | 8 |
| 106 | Novel features for capturing temporal variations of rhythmic limb movement to distinguish convulsive epileptic and psychogenic nonepileptic seizures. <i>Epilepsia</i> , 2019, 60, 165-174. | 2.6 | 14 |
| 107 | Epilepsy in Asia: Disease burden, management barriers, and challenges. <i>Epilepsia</i> , 2019, 60, 7-21. | 2.6 | 119 |
| 108 | Cross-ethnicity tagging SNPs for HLA alleles associated with adverse drug reaction. <i>Pharmacogenomics Journal</i> , 2019, 19, 230-239. | 0.9 | 9 |

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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | Targeting neurodegeneration to prevent post-traumatic epilepsy. <i>Neurobiology of Disease</i> , 2019, 123, 100-109. | 2.1 | 26 |
| 110 | Rapid Detection of HLA-B*57:01-Expressing Cells Using a Label-Free Interdigitated Electrode Biosensor Platform for Prevention of Abacavir Hypersensitivity in HIV Treatment. <i>Sensors</i> , 2019, 19, 3543. | 2.1 | 2 |
| 111 | Ultra-Rare Genetic Variation in the Epilepsies: A Whole-Exome Sequencing Study of 17,606 Individuals. <i>American Journal of Human Genetics</i> , 2019, 105, 267-282. | 2.6 | 237 |
| 112 | Personality profiles differ between patients with epileptic seizures and patients with psychogenic non-epileptic seizures. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 73, 1-8. | 0.9 | 12 |
| 113 | Abbreviated assessment of psychopathology in patients with suspected seizure disorders. <i>Epilepsy and Behavior</i> , 2019, 100, 106530. | 0.9 | 3 |
| 114 | Relative Seizure Relapse Risks Associated with Antiepileptic Drug Withdrawal After Different Seizure-Free Periods in Adults with Focal Epilepsy: A Prospective, Controlled Follow-Up Study. <i>CNS Drugs</i> , 2019, 33, 1121-1132. | 2.7 | 10 |
| 115 | The effects of cell therapy on seizures in animal models of epilepsy: protocol for systematic review and meta-analysis of preclinical studies. <i>Systematic Reviews</i> , 2019, 8, 255. | 2.5 | 3 |
| 116 | Tau Related Pathways as a Connecting Link between Epilepsy and Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4199-4212. | 1.7 | 27 |
| 117 | Development of an Ultrasensitive Impedimetric Immunosensor Platform for Detection of Plasmodium Lactate Dehydrogenase. <i>Sensors</i> , 2019, 19, 2446. | 2.1 | 12 |
| 118 | The Concept of Drug-Resistant Epileptogenic Zone. <i>Frontiers in Neurology</i> , 2019, 10, 558. | 1.1 | 14 |
| 119 | The utility of an automated and ambulatory device for detecting and differentiating epileptic and psychogenic non-epileptic seizures. <i>Epilepsia Open</i> , 2019, 4, 309-317. | 1.3 | 22 |
| 120 | Pharmacological outcomes in teenagers with newly diagnosed epilepsy: A 30-year cohort study. <i>Epilepsia</i> , 2019, 60, 1083-1090. | 2.6 | 11 |
| 121 | Commentary on "Do neurologists agree in diagnosing drug resistance in adults with focal epilepsy?". <i>Epilepsia</i> , 2019, 60, 1124-1125. | 2.6 | 1 |
| 122 | HLA-associated antiepileptic drug-induced cutaneous adverse reactions. <i>Hla</i> , 2019, 93, 417-435. | 0.4 | 52 |
| 123 | First seizure presentations in adults: beyond assessment and treatment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1039-1045. | 0.9 | 10 |
| 124 | The safety of treating newly diagnosed epilepsy. <i>Expert Opinion on Drug Safety</i> , 2019, 18, 273-283. | 1.0 | 11 |
| 125 | Randomized trial of add-on triheptanoin vs medium chain triglycerides in adults with refractory epilepsy. <i>Epilepsia Open</i> , 2019, 4, 153-163. | 1.3 | 24 |
| 126 | Bilateral volume reduction in posterior hippocampus in psychosis of epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 688-694. | 0.9 | 17 |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 127 | Glutamate weighted imaging contrast in gliomas with 7T magnetic resonance imaging. <i>NeuroImage: Clinical</i> , 2019, 22, 101694. | 1.4 | 50 |
| 128 | Distinct psychopathology profiles in patients with epileptic seizures compared to non-epileptic psychogenic seizures. <i>Epilepsy Research</i> , 2019, 158, 106234. | 0.8 | 15 |
| 129 | SiRNA-mediated ankyrin-G silence modulates the expression of voltage-gated Na channels in murine hippocampal HT22 cells. <i>Acta Epileptologica</i> , 2019, 1, . | 0.4 | 0 |
| 130 | Role of cerebral glutamate in post-stroke epileptogenesis. <i>NeuroImage: Clinical</i> , 2019, 24, 102069. | 1.4 | 36 |
| 131 | Ultrasensitive and label-free biosensor for the detection of <i>Plasmodium falciparum</i> histidine-rich protein II in saliva. <i>Scientific Reports</i> , 2019, 9, 17495. | 1.6 | 19 |
| 132 | Comparisons of direct and indirect utilities in adult epilepsy populations: A systematic review. <i>Epilepsia</i> , 2019, 60, 2466-2476. | 2.6 | 6 |
| 133 | Sleep-disordered breathing among patients admitted for inpatient video-EEG monitoring. <i>Neurology</i> , 2019, 92, e194-e204. | 1.5 | 21 |
| 134 | Oral health and dental status in people with epilepsy in rural China. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 65, 42-47. | 0.9 | 7 |
| 135 | Metabolic patterns and seizure outcomes following anterior temporal lobectomy. <i>Annals of Neurology</i> , 2019, 85, 241-250. | 2.8 | 25 |
| 136 | Comparing two classification schemes for seizures and epilepsy in rural China. <i>European Journal of Neurology</i> , 2019, 26, 422-427. | 1.7 | 4 |
| 137 | Determining the cost of first-ever seizures: A narrative review and future directions. <i>Epilepsy and Behavior</i> , 2019, 90, 291-294. | 0.9 | 5 |
| 138 | Glial fibrillary acidic protein for the early diagnosis of intracerebral hemorrhage: Systematic review and meta-analysis of diagnostic test accuracy. <i>International Journal of Stroke</i> , 2019, 14, 390-399. | 2.9 | 31 |
| 139 | Association between implementation of a code stroke system and poststroke epilepsy. <i>Neurology</i> , 2018, 90, e1126-e1133. | 1.5 | 14 |
| 140 | Final safety, tolerability, and seizure outcomes in patients with focal epilepsy treated with adjunctive perampanel for up to 4 years in an open-label extension of phase III randomized trials: Study 307. <i>Epilepsia</i> , 2018, 59, 866-876. | 2.6 | 74 |
| 141 | Neurologist-patient communication about epilepsy in the United States, Spain, and Germany. <i>Neurology: Clinical Practice</i> , 2018, 8, 93-101. | 0.8 | 9 |
| 142 | Rapid, Loop-Mediated Isothermal Amplification Detection of Celiac Disease Risk Alleles. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 307-315. | 1.2 | 3 |
| 143 | Sleep-disordered breathing in epilepsy: epidemiology, mechanisms, and treatment. <i>Sleep</i> , 2018, 41, . | 0.6 | 33 |
| 144 | An interdigitated electrode biosensor platform for rapid HLA-B*15:02 genotyping for prevention of drug hypersensitivity. <i>Biosensors and Bioelectronics</i> , 2018, 111, 174-183. | 5.3 | 18 |

| # | ARTICLE | IF | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 145 | Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408. | 3.7 | 352 |
| 146 | Treatment Outcomes in Patients With Newly Diagnosed Epilepsy Treated With Established and New Antiepileptic Drugs. <i>JAMA Neurology</i> , 2018, 75, 279. | 4.5 | 910 |
| 147 | IDH1 and IDH2 mutations in postoperative diffuse glioma-associated epilepsy. <i>Epilepsy and Behavior</i> , 2018, 78, 30-36. | 0.9 | 26 |
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