

Orrin Devinsky

List of Publications by Year in descending order

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Version: 2024-02-01

403
papers

31,954
citations

6613

79
h-index

5987

160
g-index

422
all docs

422
docs citations

422
times ranked

29125
citing authors

#	ARTICLE	IF	CITATIONS
1	Contributions of anterior cingulate cortex to behaviour. <i>Brain</i> , 1995, 118, 279-306.	7.6	3,172
2	De novo mutations in epileptic encephalopathies. <i>Nature</i> , 2013, 501, 217-221.	27.8	1,351
3	Trial of Cannabidiol for Drug-Resistant Seizures in the Dravet Syndrome. <i>New England Journal of Medicine</i> , 2017, 376, 2011-2020.	27.0	1,148
4	Cannabidiol: Pharmacology and potential therapeutic role in epilepsy and other neuropsychiatric disorders. <i>Epilepsia</i> , 2014, 55, 791-802.	5.1	766
5	NeuroGrid: recording action potentials from the surface of the brain. <i>Nature Neuroscience</i> , 2015, 18, 310-315.	14.8	745
6	Cannabidiol in patients with treatment-resistant epilepsy: an open-label interventional trial. <i>Lancet Neurology</i> , The, 2016, 15, 270-278.	10.2	714
7	Effect of Cannabidiol on Drop Seizures in the Lennox-Gastaut Syndrome. <i>New England Journal of Medicine</i> , 2018, 378, 1888-1897.	27.0	682
8	Glia and epilepsy: excitability and inflammation. <i>Trends in Neurosciences</i> , 2013, 36, 174-184.	8.6	656
9	Development and Cross-Cultural Translations of a 31-Item Quality of Life in Epilepsy Inventory. <i>Epilepsia</i> , 1998, 39, 81-88.	5.1	563
10	Epilepsy. <i>Nature Reviews Disease Primers</i> , 2018, 4, 18024.	30.5	541
11	Development of the Quality of Life in Epilepsy Inventory. <i>Epilepsia</i> , 1995, 36, 1089-1104.	5.1	496
12	Sudden unexpected death in epilepsy: epidemiology, mechanisms, and prevention. <i>Lancet Neurology</i> , The, 2016, 15, 1075-1088.	10.2	472
13	Slow Cortical Dynamics and the Accumulation of Information over Long Timescales. <i>Neuron</i> , 2012, 76, 423-434.	8.1	470
14	Measurements and models of electric fields in the in vivo human brain during transcranial electric stimulation. <i>ELife</i> , 2017, 6, .	6.0	412
15	De Novo Mutations in Synaptic Transmission Genes Including DNM1 Cause Epileptic Encephalopathies. <i>American Journal of Human Genetics</i> , 2014, 95, 360-370.	6.2	388
16	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , 2018, 141, 391-408.	7.6	352
17	Immediate neurophysiological effects of transcranial electrical stimulation. <i>Nature Communications</i> , 2018, 9, 5092.	12.8	338
18	The Human K-Complex Represents an Isolated Cortical Down-State. <i>Science</i> , 2009, 324, 1084-1087.	12.6	328

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19	Randomized, dose-ranging safety trial of cannabidiol in Dravet syndrome. <i>Neurology</i> , 2018, 90, e1204-e1211.	1.1	322
20	Sudden, Unexpected Death in Epilepsy. <i>New England Journal of Medicine</i> , 2011, 365, 1801-1811.	27.0	307
21	A Brief Questionnaire to Screen for Quality of Life in Epilepsy The QOLIE-10. <i>Epilepsia</i> , 1996, 37, 577-582.	5.1	305
22	Effects of Seizures on Autonomic and Cardiovascular Function. <i>Epilepsy Currents</i> , 2004, 4, 43-46.	0.8	256
23	Multiple Subpial Transection for Intractable Partial Epilepsy: An International Meta-analysis. <i>Epilepsia</i> , 2002, 43, 141-145.	5.1	241
24	Magnetoencephalographic Patterns of Epileptiform Activity in Children With Regressive Autism Spectrum Disorders. <i>Pediatrics</i> , 1999, 104, 405-418.	2.1	238
25	Patients with Refractory Seizures. <i>New England Journal of Medicine</i> , 1999, 340, 1565-1570.	27.0	231
26	The generation and propagation of the human alpha rhythm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23772-23782.	7.1	229
27	Fenfluramine hydrochloride for the treatment of seizures in Dravet syndrome: a randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , 2019, 394, 2243-2254.	13.7	227
28	Recognizing and preventing epilepsy-related mortality. <i>Neurology</i> , 2016, 86, 779-786.	1.1	223
29	Interictal epileptiform discharges induce hippocampal cortical coupling in temporal lobe epilepsy. <i>Nature Medicine</i> , 2016, 22, 641-648.	30.7	221
30	Cannabinoids in the Treatment of Epilepsy. <i>New England Journal of Medicine</i> , 2015, 373, 1048-1058.	27.0	211
31	Cannabinoids and Epilepsy. <i>Neurotherapeutics</i> , 2015, 12, 747-768.	4.4	207
32	Long-term cannabidiol treatment in patients with Dravet syndrome: An open-label extension trial. <i>Epilepsia</i> , 2019, 60, 294-302.	5.1	206
33	Neurophysiological properties of pallidal neurons in Parkinson's disease. <i>Annals of Neurology</i> , 1994, 35, 586-591.	5.3	200
34	Sensory-motor transformations for speech occur bilaterally. <i>Nature</i> , 2014, 507, 94-98.	27.8	200
35	Hemispheric influence on autonomic modulation and baroreflex sensitivity. <i>Annals of Neurology</i> , 2001, 49, 575-584.	5.3	193
36	Ultra-rare genetic variation in common epilepsies: a case-control sequencing study. <i>Lancet Neurology, The</i> , 2017, 16, 135-143.	10.2	190

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37	Spirituality and Religion in Epilepsy. <i>Epilepsy and Behavior</i> , 2008, 12, 636-643.	1.7	187
38	Impaired consciousness in temporal lobe seizures: role of cortical slow activity. <i>Brain</i> , 2010, 133, 3764-3777.	7.6	181
39	Risk Factors for Poor Health-Related Quality of Life in Adolescents with Epilepsy. <i>Epilepsia</i> , 1999, 40, 1715-1720.	5.1	177
40	Neurovascular unit dysfunction with blood-brain barrier hyperpermeability contributes to major depressive disorder: a review of clinical and experimental evidence. <i>Journal of Neuroinflammation</i> , 2013, 10, 142.	7.2	176
41	Cognitive and Behavioral Effects of Antiepileptic Drugs. <i>Epilepsia</i> , 1995, 36, S46-65.	5.1	161
42	Cannabinoids in treatment-resistant epilepsy: A review. <i>Epilepsy and Behavior</i> , 2017, 70, 341-348.	1.7	161
43	Alcohol and Marijuana: Effects on Epilepsy and Use by Patients with Epilepsy. <i>Epilepsia</i> , 2001, 42, 1266-1272.	5.1	160
44	Delusional misidentifications and duplications. <i>Neurology</i> , 2009, 72, 80-87.	1.1	160
45	Differentiating between nonepileptic and epileptic seizures. <i>Nature Reviews Neurology</i> , 2011, 7, 210-220.	10.1	160
46	Long-term safety and treatment effects of cannabidiol in children and adults with treatment-resistant epilepsies: Expanded access program results. <i>Epilepsia</i> , 2018, 59, 1540-1548.	5.1	157
47	A Comprehensive Profile of Clinical, Psychiatric, and Psychosocial Characteristics of Patients with Psychogenic Nonepileptic Seizures. <i>Epilepsia</i> , 1999, 40, 1292-1298.	5.1	156
48	Psychiatric comorbidity in patients with epilepsy: implications for diagnosis and treatment. <i>Epilepsy and Behavior</i> , 2003, 4, 2-10.	1.7	154
49	The genomic landscape of tuberous sclerosis complex. <i>Nature Communications</i> , 2017, 8, 15816.	12.8	154
50	Low frequency transcranial electrical stimulation does not entrain sleep rhythms measured by human intracranial recordings. <i>Nature Communications</i> , 2017, 8, 1199.	12.8	153
51	Epilepsy and anxiety. <i>Epilepsy and Behavior</i> , 2003, 4, 20-25.	1.7	152
52	Organic electronics for high-resolution electrocorticography of the human brain. <i>Science Advances</i> , 2016, 2, e1601027.	10.3	147
53	Trial of Cannabidiol for Drug-Resistant Seizures in the Dravet Syndrome. <i>New England Journal of Medicine</i> , 2017, 377, 699-700.	27.0	146
54	Cyclin-Dependent Kinase-Like 5 Deficiency Disorder: Clinical Review. <i>Pediatric Neurology</i> , 2019, 97, 18-25.	2.1	145

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55	Add-on Cannabidiol Treatment for Drug-Resistant Seizures in Tuberous Sclerosis Complex. <i>JAMA Neurology</i> , 2021, 78, 285.	9.0	139
56	Viral manipulation of functionally distinct interneurons in mice, non-human primates and humans. <i>Nature Neuroscience</i> , 2020, 23, 1629-1636.	14.8	133
57	Cannabidiol as a Potential Treatment for Febrile Infection-Related Epilepsy Syndrome (FIRES) in the Acute and Chronic Phases. <i>Journal of Child Neurology</i> , 2017, 32, 35-40.	1.4	130
58	Open-label use of highly purified CBD (Epidiolex®) in patients with CDKL5 deficiency disorder and Aicardi, Dup15q, and Doose syndromes. <i>Epilepsy and Behavior</i> , 2018, 86, 131-137.	1.7	130
59	Postconvulsive central apnea as a biomarker for sudden unexpected death in epilepsy (SUDEP). <i>Neurology</i> , 2019, 92, e171-e182.	1.1	130
60	Right Cerebral Hemisphere Dominance for a Sense of Corporeal and Emotional Self. <i>Epilepsy and Behavior</i> , 2000, 1, 60-73.	1.7	128
61	Hippocampal Contributions to Model-Based Planning and Spatial Memory. <i>Neuron</i> , 2019, 102, 683-693.e4.	8.1	119
62	Sequential then interactive processing of letters and words in the left fusiform gyrus. <i>Nature Communications</i> , 2012, 3, 1284.	12.8	116
63	Keeping people with epilepsy safe during the COVID-19 pandemic. <i>Neurology</i> , 2020, 94, 1032-1037.	1.1	116
64	Shared computational principles for language processing in humans and deep language models. <i>Nature Neuroscience</i> , 2022, 25, 369-380.	14.8	116
65	Functional brain connectivity is predictable from anatomic network's Laplacian eigen-structure. <i>NeuroImage</i> , 2018, 172, 728-739.	4.2	114
66	Long-term surveillance of SUDEP in drug-resistant epilepsy patients treated with VNS therapy. <i>Epilepsia</i> , 2018, 59, 562-572.	5.1	113
67	The incidence and significance of periictal apnea in epileptic seizures. <i>Epilepsia</i> , 2018, 59, 573-582.	5.1	113
68	Localization of dense intracranial electrode arrays using magnetic resonance imaging. <i>NeuroImage</i> , 2012, 63, 157-165.	4.2	109
69	Nonseizure SUDEP: Sudden unexpected death in epilepsy without preceding epileptic seizures. <i>Epilepsia</i> , 2016, 57, 1161-1168.	5.1	109
70	Nonepileptic Seizures After Head Injury. <i>Epilepsia</i> , 1998, 39, 978-982.	5.1	106
71	Treatment of nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2002, 3, 19-23.	1.7	106
72	Progression of Postictal to Interictal Psychosis. <i>Epilepsia</i> , 2001, 42, 1468-1471.	5.1	104

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73	Perceptual confidence neglects decision-incongruent evidence in the brain. <i>Nature Human Behaviour</i> , 2017, 1, .	12.0	102
74	Spectrotemporal modulation provides a unifying framework for auditory cortical asymmetries. <i>Nature Human Behaviour</i> , 2019, 3, 393-405.	12.0	100
75	SUDEP in the North American SUDEP Registry. <i>Neurology</i> , 2019, 93, e227-e236.	1.1	97
76	Cannabidiol in patients with Lennox-Gastaut syndrome: Interim analysis of an open-label extension study. <i>Epilepsia</i> , 2019, 60, 419-428.	5.1	97
77	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	10.3	97
78	Dissociation in Epilepsy and Conversion Nonepileptic Seizures. <i>Epilepsia</i> , 1997, 38, 991-997.	5.1	96
79	iEEG-BIDS, extending the Brain Imaging Data Structure specification to human intracranial electrophysiology. <i>Scientific Data</i> , 2019, 6, 102.	5.3	96
80	Default mode network abnormalities in idiopathic generalized epilepsy. <i>Epilepsy and Behavior</i> , 2012, 23, 353-359.	1.7	94
81	Quality of Life in Childhood Epilepsy in pediatric patients enrolled in a prospective, open-label clinical study with cannabidiol. <i>Epilepsia</i> , 2017, 58, e96-e100.	5.1	93
82	Developmental brain abnormalities in tuberous sclerosis complex: A comparative tissue analysis of cortical tubers and perituberal cortex. <i>Epilepsia</i> , 2014, 55, 539-550.	5.1	91
83	Callosal lesions and behavior: history and modern concepts. <i>Epilepsy and Behavior</i> , 2003, 4, 607-617.	1.7	89
84	Postictal Psychosis: Common, Dangerous, and Treatable. <i>Epilepsy Currents</i> , 2008, 8, 31-34.	0.8	86
85	Sudden unexpected death in epilepsy: Knowledge and experience among U.S. and Canadian neurologists. <i>Epilepsy and Behavior</i> , 2014, 35, 13-18.	1.7	84
86	Safety of intravenous valproate. <i>Annals of Neurology</i> , 1995, 38, 670-674.	5.3	83
87	Two Cases of Nonconvulsive Status Epilepticus in Association with Tiagabine Therapy. <i>Epilepsia</i> , 1999, 40, 1159-1162.	5.1	80
88	A survey of seizures and current treatments in 15q duplication syndrome. <i>Epilepsia</i> , 2014, 55, 396-402.	5.1	80
89	Multimodal imaging of repetition priming: Using fMRI, MEG, and intracranial EEG to reveal spatiotemporal profiles of word processing. <i>NeuroImage</i> , 2010, 53, 707-717.	4.2	77
90	Psychiatric and behavioral comorbidities in epilepsy: A critical reappraisal. <i>Epilepsia</i> , 2017, 58, 1123-1130.	5.1	77

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91	Brainstem network disruption: A pathway to sudden unexplained death in epilepsy?. Human Brain Mapping, 2018, 39, 4820-4830.	3.6	77
92	Effect of Felbamate on Plasma Levels of Carbamazepine and Its Metabolites. Epilepsia, 1991, 32, 130-132.	5.1	76
93	Autism risk in offspring can be assessed through quantification of male sperm mosaicism. Nature Medicine, 2020, 26, 143-150.	30.7	76
94	Behavioral Changes Associated with Epilepsy. Neurologic Clinics, 1993, 11, 127-149.	1.8	74
95	Premonitory symptoms in epilepsy. Seizure: the Journal of the British Epilepsy Association, 1993, 2, 201-203.	2.0	73
96	Clinical features of neocortical temporal lobe epilepsy. Annals of Neurology, 1996, 40, 724-730.	5.3	71
97	Structural evidence for involvement of a left amygdala-orbitofrontal network in subclinical anxiety. Psychiatry Research - Neuroimaging, 2011, 194, 296-303.	1.8	71
98	Mosaic mutations in early-onset genetic diseases. Genetics in Medicine, 2016, 18, 746-749.	2.4	70
99	Not All Predictions Are Equal: "What" and "When" Predictions Modulate Activity in Auditory Cortex through Different Mechanisms. Journal of Neuroscience, 2018, 38, 8680-8693.	3.6	69
100	The case for assessing cannabidiol in epilepsy. Epilepsia, 2014, 55, 787-790.	5.1	68
101	Adult-Onset Idiopathic Generalized Epilepsy: Clinical and Behavioral Features. Epilepsia, 2002, 42, 1395-1398.	5.1	67
102	Cortical feature analysis and machine learning improves detection of "MRI-negative" focal cortical dysplasia. Epilepsy and Behavior, 2015, 48, 21-28.	1.7	67
103	Brief Report: SETD2 Mutation in a Child with Autism, Intellectual Disabilities and Epilepsy. Journal of Autism and Developmental Disorders, 2015, 45, 3764-3770.	2.7	64
104	Underestimation of sudden deaths among patients with seizures and epilepsy. Neurology, 2017, 89, 886-892.	1.1	64
105	Incidence, Recurrence, and Risk Factors for Peri-ictal Central Apnea and Sudden Unexpected Death in Epilepsy. Frontiers in Neurology, 2019, 10, 166.	2.4	63
106	Safety and efficacy of ganaxolone in patients with CDKL5 deficiency disorder: results from the double-blind phase of a randomised, placebo-controlled, phase 3 trial. Lancet Neurology, The, 2022, 21, 417-427.	10.2	63
107	Sleep Spindles Promote the Restructuring of Memory Representations in Ventromedial Prefrontal Cortex through Enhanced Hippocampal "Cortical Functional Connectivity. Journal of Neuroscience, 2020, 40, 1909-1919.	3.6	62
108	Nonepileptic seizures during apparent sleep. Annals of Neurology, 1993, 33, 414-418.	5.3	61

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109	Multiple subpial transections in the language cortex. <i>Brain</i> , 1994, 117, 255-265.	7.6	61
110	Changing the approach to treatment choice in epilepsy using big data. <i>Epilepsy and Behavior</i> , 2016, 56, 32-37.	1.7	61
111	Wrist sensor reveals sympathetic hyperactivity and hypoventilation before probable SUDEP. <i>Neurology</i> , 2017, 89, 633-635.	1.1	61
112	Nonepileptic Psychogenic Seizures: Quagmires of Pathophysiology, Diagnosis, and Treatment. <i>Epilepsia</i> , 1998, 39, 458-462.	5.1	60
113	Human Dorsolateral Prefrontal Cortex Is Not Necessary for Spatial Working Memory. <i>Journal of Neuroscience</i> , 2016, 36, 2847-2856.	3.6	60
114	Interictal Aggression in Epilepsy: The Buss-Durkee Hostility Inventory. <i>Epilepsia</i> , 1994, 35, 585-590.	5.1	59
115	Autism and autistic epileptiform regression with occipital spikes. <i>Developmental Medicine and Child Neurology</i> , 1998, 40, 453-458.	2.1	59
116	Detecting nocturnal convulsions: Efficacy of the MP5 monitor. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009, 18, 225-227.	2.0	59
117	Exploring the efficacy of a 5-day course of transcranial direct current stimulation (TDCS) on depression and memory function in patients with well-controlled temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2016, 55, 11-20.	1.7	59
118	Interictal epileptiform discharges shape large-scale intercortical communication. <i>Brain</i> , 2019, 142, 3502-3513.	7.6	59
119	Disabling amnesic syndrome following stereotactic laser ablation of a hypothalamic hamartoma in a patient with a prior temporal lobectomy. <i>Epilepsy & Behavior Case Reports</i> , 2015, 4, 60-62.	1.5	58
120	Cannabinoid therapy in epilepsy. <i>Current Opinion in Neurology</i> , 2019, 32, 220-226.	3.6	57
121	Surgical Treatment of Multifocal Epilepsy Involving Eloquent Cortex. <i>Epilepsia</i> , 2003, 44, 718-723.	5.1	56
122	Superficial Slow Rhythms Integrate Cortical Processing in Humans. <i>Scientific Reports</i> , 2018, 8, 2055.	3.3	56
123	The prolonged QT syndrome presenting as epilepsy. <i>Neurology</i> , 1994, 44, 1408-1408.	1.1	56
124	Incidence of seizures following initial ischemic stroke in a community-based cohort: The Framingham Heart Study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 47, 105-110.	2.0	55
125	Closed-Loop Acoustic Stimulation Enhances Sleep Oscillations But Not Memory Performance. <i>ENeuro</i> , 2019, 6, ENEURO.0306-19.2019.	1.9	55
126	Kynurenine Pathway Metabolites in Cerebrospinal Fluid and Serum in Complex Partial Seizures. <i>Epilepsia</i> , 1994, 35, 251-257.	5.1	54

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127	Discussing sudden unexpected death in epilepsy (SUDEP) with patients: Practices of health-care providers. <i>Epilepsy and Behavior</i> , 2014, 32, 38-41.	1.7	54
128	Short-term safety of mTOR inhibitors in infants and very young children with tuberous sclerosis complex (TSC): Multicentre clinical experience. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 1066-1073.	1.6	54
129	Therapy for Neurobehavioral Disorders in Epilepsy. <i>Epilepsia</i> , 2004, 45, 34-40.	5.1	53
130	Sudden unexpected death in epilepsy in patients treated with brain-responsive neurostimulation. <i>Epilepsia</i> , 2018, 59, 555-561.	5.1	53
131	Sudden unexplained death in childhood: A comparison of cases with and without a febrile seizure history. <i>Epilepsia</i> , 2015, 56, 1294-1300.	5.1	52
132	Delivery of epilepsy care to adults with intellectual and developmental disabilities. <i>Neurology</i> , 2015, 85, 1512-1521.	1.1	52
133	Pulmonary and cardiac pathology in sudden unexpected death in epilepsy (SUDEP). <i>Epilepsy and Behavior</i> , 2017, 73, 119-125.	1.7	52
134	Long-term safety and efficacy of add-on cannabidiol in patients with Lennox-Gastaut syndrome: Results of a long-term open-label extension trial. <i>Epilepsia</i> , 2021, 62, 2228-2239.	5.1	52
135	Serum serotonin levels in patients with epileptic seizures. <i>Epilepsia</i> , 2018, 59, e91-e97.	5.1	50
136	Imagined speech can be decoded from low- and cross-frequency intracranial EEG features. <i>Nature Communications</i> , 2022, 13, 48.	12.8	50
137	Late Seizure Recurrence after Multiple Subpial Transections. <i>Epilepsia</i> , 2001, 42, 1316-1319.	5.1	49
138	Bi-directional association between epilepsy and dementia. <i>Neurology</i> , 2020, 95, e3241-e3247.	1.1	49
139	Premorbid Psychiatric Risk Factors for Postictal Psychosis. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2001, 13, 492-499.	1.8	48
140	Refractory Epilepsy Associated With Microglial Activation. <i>Neurologist</i> , 2011, 17, 249-254.	0.7	48
141	De novo mutations of <i>KIAA2022</i> in females cause intellectual disability and intractable epilepsy. <i>Journal of Medical Genetics</i> , 2016, 53, 850-858.	3.2	47
142	Cannabinoids as hippocampal network administrators. <i>Neuropharmacology</i> , 2017, 124, 25-37.	4.1	46
143	Psychosocial factors associated with medication adherence in ethnically and socioeconomically diverse patients with epilepsy. <i>Epilepsy and Behavior</i> , 2015, 46, 242-245.	1.7	45
144	Cross talk between drug-resistant epilepsy and the gut microbiome. <i>Epilepsia</i> , 2020, 61, 2619-2628.	5.1	45

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145	Addition of cannabidiol in patients with Dravet syndrome: Results of a long-term open-label extension trial. <i>Epilepsia</i> , 2021, 62, 2505-2517.	5.1	45
146	Do tubers contain function? Resection of epileptogenic foci in perirolandic cortex in children with tuberous sclerosis complex. <i>Epilepsia</i> , 2010, 51, 1242-1251.	5.1	44
147	Time-resolved neural reinstatement and pattern separation during memory decisions in human hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7418-E7427.	7.1	44
148	Replay of large-scale spatio-temporal patterns from waking during subsequent NREM sleep in human cortex. <i>Scientific Reports</i> , 2017, 7, 17380.	3.3	43
149	Cardiac arrhythmia and neuroexcitability gene variants in resected brain tissue from patients with sudden unexpected death in epilepsy (SUDEP). <i>Npj Genomic Medicine</i> , 2018, 3, 9.	3.8	43
150	Severity Assessment in CDKL5 Deficiency Disorder. <i>Pediatric Neurology</i> , 2019, 97, 38-42.	2.1	43
151	Characteristics of epilepsy patients and caregivers who either have or have not heard of <scp>SUDEP</scp>. <i>Epilepsia</i> , 2014, 55, 1486-1494.	5.1	42
152	Ongoing neural oscillations influence behavior and sensory representations by suppressing neuronal excitability. <i>NeuroImage</i> , 2022, 247, 118746.	4.2	42
153	Relation of Cortical Language Distribution and Cognitive Function in Surgical Epilepsy Patients. <i>Epilepsia</i> , 2000, 41, 400-404.	5.1	41
154	Functional neuroimaging abnormalities in idiopathic generalized epilepsy. <i>NeuroImage: Clinical</i> , 2014, 6, 455-462.	2.7	41
155	Impact of fenfluramine on the expected SUDEP mortality rates in patients with Dravet syndrome. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 93, 154-159.	2.0	41
156	Illness perceptions mediate the relationship between depression and quality of life in patients with epilepsy. <i>Epilepsia</i> , 2015, 56, e186-90.	5.1	40
157	Resting-state functional MRI distinguishes temporal lobe epilepsy subtypes. <i>Epilepsia</i> , 2016, 57, 1475-1484.	5.1	40
158	Heterogeneous Origins of Human Sleep Spindles in Different Cortical Layers. <i>Journal of Neuroscience</i> , 2018, 38, 3013-3025.	3.6	40
159	Cerebrospinal Fluid and Serum Levels of DOPA, Catechols, and Monoamine Metabolites in Patients with Epilepsy. <i>Epilepsia</i> , 1992, 33, 263-270.	5.1	38
160	Thalamic functional connectivity predicts seizure laterality in individual TLE patients: Application of a biomarker development strategy. <i>NeuroImage: Clinical</i> , 2015, 7, 273-280.	2.7	38
161	Sudden Unexpected Death in Epilepsy Among Patients With Benign Childhood Epilepsy With Centrotemporal Spikes. <i>JAMA Neurology</i> , 2017, 74, 645.	9.0	38
162	Recessive Rare Variants in Deoxyhypusine Synthase, an Enzyme Involved in the Synthesis of Hypusine, Are Associated with a Neurodevelopmental Disorder. <i>American Journal of Human Genetics</i> , 2019, 104, 287-298.	6.2	38

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163	Species-specific susceptibility to cannabis-induced convulsions. <i>British Journal of Pharmacology</i> , 2019, 176, 1506-1523.	5.4	38
164	Cerebrospinal fluid pleocytosis following simple, complex partial, and generalized tonic-clonic seizures. <i>Annals of Neurology</i> , 1988, 23, 402-403.	5.3	37
165	Postictal Behavior. <i>Archives of Neurology</i> , 1994, 51, 254.	4.5	37
166	Function-specific High-Probability Nodes Identified in Posterior Language Cortex. <i>Epilepsia</i> , 1999, 40, 575-583.	5.1	37
167	Lorcaserin therapy for severe epilepsy of childhood onset. <i>Neurology</i> , 2018, 91, 837-839.	1.1	37
168	Evaluating risk to people with epilepsy during the COVID-19 pandemic: Preliminary findings from the COVE study. <i>Epilepsy and Behavior</i> , 2021, 115, 107658.	1.7	37
169	Neural progenitors derived from Tuberous Sclerosis Complex patients exhibit attenuated PI3K/AKT signaling and delayed neuronal differentiation. <i>Molecular and Cellular Neurosciences</i> , 2018, 92, 149-163.	2.2	36
170	Multiscale temporal integration organizes hierarchical computation in human auditory cortex. <i>Nature Human Behaviour</i> , 2022, 6, 455-469.	12.0	36
171	Human parietal cortex lesions impact the precision of spatial working memory. <i>Journal of Neurophysiology</i> , 2016, 116, 1049-1054.	1.8	35
172	<i>STAG1</i> mutations cause a novel cohesinopathy characterised by unspecific syndromic intellectual disability. <i>Journal of Medical Genetics</i> , 2017, 54, 479-488.	3.2	35
173	Psychogenic nonepileptic seizures and chronic pain: A retrospective case-controlled study. <i>Epilepsy and Behavior</i> , 2012, 25, 662-665.	1.7	34
174	Cortical thickness abnormalities associated with dyslexia, independent of remediation status. <i>NeuroImage: Clinical</i> , 2015, 7, 177-186.	2.7	34
175	Clinical studies and anti-inflammatory mechanisms of treatments. <i>Epilepsia</i> , 2017, 58, 69-82.	5.1	34
176	Diagnosis and treatment of temporal lobe epilepsy. <i>Reviews in Neurological Diseases</i> , 2004, 1, 2-9.	0.3	34
177	Resolving ambiguities in SUDEP classification. <i>Epilepsia</i> , 2018, 59, 1220-1233.	5.1	33
178	Coding and non-coding transcriptome of mesial temporal lobe epilepsy: Critical role of small non-coding RNAs. <i>Neurobiology of Disease</i> , 2020, 134, 104612.	4.4	33
179	Epilepsy: key experimental therapeutics in early clinical development. <i>Expert Opinion on Investigational Drugs</i> , 2020, 29, 373-383.	4.1	33
180	Cannabidiol efficacy independent of clobazam: Meta-analysis of four randomized controlled trials. <i>Acta Neurologica Scandinavica</i> , 2020, 142, 531-540.	2.1	33

#	ARTICLE	IF	CITATIONS
181	Safety and efficacy of perampanel in children and adults with various epilepsy syndromes: A single-center postmarketing study. <i>Epilepsy and Behavior</i> , 2016, 61, 41-45.	1.7	32
182	National Association of Medical Examiners position paper: Recommendations for the investigation and certification of deaths in people with epilepsy. <i>Epilepsia</i> , 2018, 59, 530-543.	5.1	32
183	Why we urgently need improved epilepsy therapies for adult patients. <i>Neuropharmacology</i> , 2020, 170, 107855.	4.1	32
184	FDA safety warning on the cardiac effects of lamotrigine: An advisory from the Ad Hoc ILAE/AES Task Force. <i>Epilepsia Open</i> , 2021, 6, 45-48.	2.4	32
185	Spatiotemporal dynamics between interictal epileptiform discharges and ripples during associative memory processing. <i>Brain</i> , 2021, 144, 1590-1602.	7.6	32
186	Manipulating stored phonological input during verbal working memory. <i>Nature Neuroscience</i> , 2017, 20, 279-286.	14.8	31
187	Patient-Specific Pose Estimation in Clinical Environments. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2018, 6, 1-11.	3.7	31
188	Incidence of cardiac fibrosis in SUDEP and control cases. <i>Neurology</i> , 2018, 91, e55-e61.	1.1	31
189	Independent Functional Outcomes after Prolonged Coma following Cardiac Arrest: A Mechanistic Hypothesis. <i>Annals of Neurology</i> , 2020, 87, 618-632.	5.3	31
190	Temporal lobe surgery and memory: Lessons, risks, and opportunities. <i>Epilepsy and Behavior</i> , 2019, 101, 106596.	1.7	30
191	Microscale Physiological Events on the Human Cortical Surface. <i>Cerebral Cortex</i> , 2021, 31, 3678-3700.	2.9	29
192	Marijuana: an effective antiepileptic treatment in partial epilepsy? A case report and review of the literature. <i>Reviews in Neurological Diseases</i> , 2007, 4, 103-6.	0.3	29
193	Neurological Aspects of the Conscious and Unconscious Mind. <i>Annals of the New York Academy of Sciences</i> , 1997, 835, 321-329.	3.8	28
194	Bilateral Resective Epilepsy Surgery in a Child with Tuberous Sclerosis: Case Report. <i>Neurosurgery</i> , 2001, 49, 732-735.	1.1	28
195	Electrocardiographic features of sudden unexpected death in epilepsy. <i>Epilepsia</i> , 2016, 57, e135-9.	5.1	28
196	Sudden neurologic death masquerading as out-of-hospital sudden cardiac death. <i>Neurology</i> , 2016, 87, 1669-1673.	1.1	28
197	Postictal serotonin levels are associated with peri-ictal apnea. <i>Neurology</i> , 2019, 93, e1485-e1494.	1.1	28
198	Resting state functional connectivity patterns associated with pharmacological treatment resistance in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2019, 149, 37-43.	1.6	28

#	ARTICLE	IF	CITATIONS
199	Flexible, high-resolution thin-film electrodes for human and animal neural research. <i>Journal of Neural Engineering</i> , 2021, 18, 045009.	3.5	28
200	Suicidality Risk of Newer Antiseizure Medications. <i>JAMA Neurology</i> , 2021, 78, 1118.	9.0	28
201	Late Seizure Recurrence after Multiple Subpial Transections. <i>Epilepsia</i> , 2002, 42, 1130-1133.	5.1	27
202	Applying High-Resolution Variant Classification to Cardiac Arrhythmogenic Gene Testing in a Demographically Diverse Cohort of Sudden Unexplained Deaths. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	27
203	Focal Cortical Anomalies and Language Impairment in 16p11.2 Deletion and Duplication Syndrome. <i>Cerebral Cortex</i> , 2018, 28, 2422-2430.	2.9	26
204	Somatoform Disorders After Temporal Lobectomy. <i>Cognitive and Behavioral Neurology</i> , 2004, 17, 57-61.	0.9	25
205	Comparison of human septal nuclei MRI measurements using automated segmentation and a new manual protocol based on histology. <i>NeuroImage</i> , 2014, 97, 245-251.	4.2	25
206	Parieto-frontal gyrification and working memory in healthy adults. <i>Brain Imaging and Behavior</i> , 2018, 12, 303-308.	2.1	25
207	Cardiorespiratory depression from brainstem seizure activity in freely moving rats. <i>Neurobiology of Disease</i> , 2020, 134, 104628.	4.4	25
208	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , 2021, 31, 102765.	2.7	25
209	Association of Short-term Heart Rate Variability and Sudden Unexpected Death in Epilepsy. <i>Neurology</i> , 2021, 97, .	1.1	25
210	Mortality in isodicentric chromosome 15 syndrome: The role of SUDEP. <i>Epilepsy and Behavior</i> , 2016, 61, 1-5.	1.7	24
211	A case report on the efficacy of vigabatrin analogue (1 S , 3 S) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (-)-3-amino-4-difluoromethyl-5-hydroxy-1H-imidazo[4,5-b]pyridine. <i>Epilepsy & Behavior Case Reports</i> , 2016, 6, 67-69.	1.5	24
212	Experiences with premorbid SUDEP discussion among participants in the North American SUDEP Registry (NASR). <i>Epilepsy and Behavior</i> , 2017, 70, 131-134.	1.7	24
213	Potential Role of Febrile Seizures and Other Risk Factors Associated With Sudden Deaths in Children. <i>JAMA Network Open</i> , 2019, 2, e192739.	5.9	24
214	International Recommendations for the Management of Adults Treated With Ketogenic Diet Therapies. <i>Neurology: Clinical Practice</i> , 2021, 11, 385-397.	1.6	24
215	Proteomics and Transcriptomics of the Hippocampus and Cortex in SUDEP and High-Risk SUDEP Patients. <i>Neurology</i> , 2021, 96, e2639-e2652.	1.1	24
216	Long-term priors influence visual perception through recruitment of long-range feedback. <i>Nature Communications</i> , 2021, 12, 6288.	12.8	24

#	ARTICLE	IF	CITATIONS
217	The association of serotonin reuptake inhibitors and benzodiazepines with ictal central apnea. <i>Epilepsy and Behavior</i> , 2019, 98, 73-79.	1.7	23
218	Prefrontal lobe structural integrity and trail making test, part B: converging findings from surface-based cortical thickness and voxel-based lesion symptom analyses. <i>Brain Imaging and Behavior</i> , 2016, 10, 675-685.	2.1	22
219	Ataluren for drug-resistant epilepsy in nonsense variant-mediated Dravet syndrome and CDKL5 deficiency disorder. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 639-644.	3.7	22
220	Proteomic differences in the hippocampus and cortex of epilepsy brain tissue. <i>Brain Communications</i> , 2021, 3, fcab021.	3.3	22
221	Sudden Unexpected Death in Epilepsy. <i>Neurology</i> , 2021, 96, e2627-e2638.	1.1	22
222	Improved Bioavailability with Dry Powder Cannabidiol Inhalation: A Phase 1 Clinical Study. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3946-3952.	3.3	22
223	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	22
224	Fenfluramine significantly reduces day-to-day seizure burden by increasing number of seizure-free days and time between seizures in patients with Dravet syndrome: A time-to-event analysis. <i>Epilepsia</i> , 2022, 63, 130-138.	5.1	22
225	United States Dietary Trends Since 1800: Lack of Association Between Saturated Fatty Acid Consumption and Non-communicable Diseases. <i>Frontiers in Nutrition</i> , 2021, 8, 748847.	3.7	22
226	Religious experiences and epilepsy. <i>Epilepsy and Behavior</i> , 2003, 4, 76-77.	1.7	21
227	Brain Biopsy Findings Link Major Depressive Disorder to Neuroinflammation, Oxidative Stress, and Neurovascular Dysfunction: A Case Report. <i>Biological Psychiatry</i> , 2014, 75, e23-e26.	1.3	21
228	Periventricular white matter abnormalities and restricted repetitive behavior in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2016, 10, 36-45.	2.7	21
229	Dental health in persons with disability. <i>Epilepsy and Behavior</i> , 2020, 110, 107174.	1.7	21
230	De novo mutations in childhood cases of sudden unexplained death that disrupt intracellular Ca ²⁺ regulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	21
231	Bilateral Resective Epilepsy Surgery in a Child with Tuberous Sclerosis: Case Report. <i>Neurosurgery</i> , 2001, 49, 732-735.	1.1	20
232	What Do You Do When They Grow Up? Approaches to Seizures in Developmentally Delayed Adults. <i>Epilepsia</i> , 2002, 43, 71-79.	5.1	20
233	Personalized medicine: Vinpocetine to reverse effects of <i>GABRB3</i> mutation. <i>Epilepsia</i> , 2019, 60, 2459-2465.	5.1	20
234	Moment-by-moment tracking of naturalistic learning and its underlying hippocampo-cortical interactions. <i>Nature Communications</i> , 2021, 12, 5394.	12.8	20

#	ARTICLE	IF	CITATIONS
235	A cortical network processes auditory error signals during human speech production to maintain fluency. <i>PLoS Biology</i> , 2022, 20, e3001493.	5.6	20
236	Selective emotional detachment from family after right temporal lobectomy. <i>Epilepsy and Behavior</i> , 2003, 4, 340-342.	1.7	19
237	Opposed hemispheric specializations for human hypersexuality and orgasm?. <i>Epilepsy and Behavior</i> , 2011, 21, 12-19.	1.7	19
238	Evaluating the safety and efficacy of felbamate in the context of a black box warning: A single center experience. <i>Epilepsy and Behavior</i> , 2016, 56, 50-53.	1.7	19
239	Amygdala enlargement: Temporal lobe epilepsy subtype or nonspecific finding?. <i>Epilepsy Research</i> , 2017, 132, 34-40.	1.6	19
240	Effect of fenfluramine on convulsive seizures in CDKL5 deficiency disorder. <i>Epilepsia</i> , 2021, 62, e98-e102.	5.1	19
241	A pilot study in epilepsy patients using simultaneous PET/MR. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 4, 459-70.	1.0	19
242	KCNQ2 R144 variants cause neurodevelopmental disability with language impairment and autistic features without neonatal seizures through a gain-of-function mechanism. <i>EBioMedicine</i> , 2022, 81, 104130.	6.1	19
243	Central apnea at complex partial seizure onset. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012, 21, 555-558.	2.0	18
244	Homicide during postictal psychosis. <i>Epilepsy & Behavior Case Reports</i> , 2014, 2, 118-120.	1.5	18
245	Musical hallucinations: a brief review of functional neuroimaging findings. <i>CNS Spectrums</i> , 2017, 22, 397-403.	1.2	18
246	Medial prefrontal cortex supports perceptual memory. <i>Current Biology</i> , 2018, 28, R1094-R1095.	3.9	18
247	A cross-species approach to disorders affecting brain and behaviour. <i>Nature Reviews Neurology</i> , 2018, 14, 677-686.	10.1	18
248	3T MRI Whole-Brain Microscopy Discrimination of Subcortical Anatomy, Part 2: Basal Forebrain. <i>American Journal of Neuroradiology</i> , 2019, 40, 1095-1105.	2.4	18
249	Hippocampal gamma predicts associative memory performance as measured by acute and chronic intracranial EEG. <i>Scientific Reports</i> , 2019, 9, 593.	3.3	18
250	Adenosine kinase and adenosine receptors A 1 R and A 2A R in temporal lobe epilepsy and hippocampal sclerosis and association with risk factors for SUDEP. <i>Epilepsia</i> , 2020, 61, 787-797.	5.1	18
251	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. <i>Brain</i> , 2022, 145, 1285-1298.	7.6	18
252	International Consensus Recommendations for the Assessment and Management of Individuals With CDKL5 Deficiency Disorder. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	18

#	ARTICLE	IF	CITATIONS
253	The myth of silent cortex and the morbidity of epileptogenic tissue: Implications for temporal lobectomy. <i>Epilepsy and Behavior</i> , 2005, 7, 383-389.	1.7	17
254	Chapter 21 Visual agnosia. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2008, 88, 417-427.	1.8	17
255	Cannabidiol in patients with treatment-resistant epilepsy – Authors' reply. <i>Lancet Neurology</i> , The, 2016, 15, 545-546.	10.2	17
256	Preventing Sudden Unexpected Death in Epilepsy. <i>JAMA Neurology</i> , 2018, 75, 531.	9.0	17
257	Characterisation of medullary astrocytic populations in respiratory nuclei and alterations in sudden unexpected death in epilepsy. <i>Epilepsy Research</i> , 2019, 157, 106213.	1.6	17
258	Understanding perirhinal contributions to perception and memory: Evidence through the lens of selective perirhinal damage. <i>Neuropsychologia</i> , 2019, 124, 9-18.	1.6	17
259	Sudden unexpected death in asymptomatic infants due to PPA2 variants. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1008.	1.2	17
260	Socioeconomic disparities in SUDEP in the US. <i>Neurology</i> , 2020, 94, e2555-e2566.	1.1	17
261	Vascular risk factors as predictors of epilepsy in older age: The Framingham Heart Study. <i>Epilepsia</i> , 2022, 63, 237-243.	5.1	17
262	Juvenile myoclonic epilepsy: Clinical features and factors related to misdiagnosis. <i>Journal of Epilepsy</i> , 1993, 6, 233-238.	0.4	16
263	Cortical Gray – White Matter Blurring and Cognitive Morbidity in Focal Cortical Dysplasia. <i>Cerebral Cortex</i> , 2015, 25, 2854-2862.	2.9	16
264	Mortality with brainstem seizures from focal 4-aminopyridine-induced recurrent hippocampal seizures. <i>Epilepsia</i> , 2017, 58, 1637-1644.	5.1	16
265	Barriers to transition from pediatric to adult care for patients with Dravet syndrome: A focus group study of caregivers. <i>Epilepsy and Behavior</i> , 2020, 109, 107096.	1.7	16
266	Subependymal giant cell astrocytomas are characterized by mTORC1 hyperactivation, a very low somatic mutation rate, and a unique gene expression profile. <i>Modern Pathology</i> , 2021, 34, 264-279.	5.5	16
267	Detailed Clinical and Psychological Phenotype of the X-linked HNRNPH2-Related Neurodevelopmental Disorder. <i>Neurology: Genetics</i> , 2021, 7, e551.	1.9	16
268	Association of Peri-ictal Brainstem Posturing With Seizure Severity and Breathing Compromise in Patients With Generalized Convulsive Seizures. <i>Neurology</i> , 2021, 96, e352-e365.	1.1	16
269	Sudden Death and Cardiac Arrhythmia With Lamotrigine. <i>Neurology</i> , 2022, 98, .	1.1	16
270	Germline variants in tumor suppressor FBXW7 lead to impaired ubiquitination and a neurodevelopmental syndrome. <i>American Journal of Human Genetics</i> , 2022, 109, 601-617.	6.2	16

#	ARTICLE	IF	CITATIONS
271	Resolution of eating disorders after right temporal lesions. <i>Epilepsy and Behavior</i> , 2003, 4, 781-783.	1.7	15
272	Can post-ictal intervention prevent sudden unexpected death in epilepsy? A report of two cases. <i>Epilepsy and Behavior</i> , 2012, 24, 377-379.	1.7	15
273	Epilepsy Education in Medical Schools: Report of the American Epilepsy Society Committee on Medical Student Education. <i>Epilepsia</i> , 1993, 34, 809-811.	5.1	14
274	A survey of medical examiner death certification of vignettes on death in epilepsy: Gaps in identifying SUDEP. <i>Epilepsy Research</i> , 2017, 133, 71-75.	1.6	14
275	Presurgical depression and anxiety are not associated with worse epilepsy surgery outcome five years postoperatively. <i>Epilepsy and Behavior</i> , 2018, 83, 7-12.	1.7	14
276	Temporal trends and autopsy findings of SUDEP based on medico-legal investigations in the United States. <i>Neurology</i> , 2020, 95, e867-e877.	1.1	14
277	Long-term behavioral, electrophysiological, and neurochemical monitoring of the safety of an experimental antiepileptic implant, the muscimol-delivering Subdural Pharmacotherapy Device in monkeys. <i>Journal of Neurosurgery</i> , 2012, 117, 162-175.	1.6	13
278	Whole Exome Sequencing Reveals Severe Thrombophilia in Acute Unprovoked Idiopathic Fatal Pulmonary Embolism. <i>EBioMedicine</i> , 2017, 17, 95-100.	6.1	13
279	Dead in the water: Epilepsy-related drowning or <sc>sudden unexpected death in epilepsy</sc>?. <i>Epilepsia</i> , 2018, 59, 1966-1972.	5.1	13
280	3T MRI Whole-Brain Microscopy Discrimination of Subcortical Anatomy, Part 1: Brain Stem. <i>American Journal of Neuroradiology</i> , 2019, 40, 401-407.	2.4	13
281	Neural correlates of sign language production revealed by electrocorticography. <i>Neurology</i> , 2020, 95, e2880-e2889.	1.1	13
282	Neuropathologic Changes in Sudden Unexplained Death in Childhood. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 336-346.	1.7	13
283	Dietary Transitions and Health Outcomes in Four Populations – Systematic Review. <i>Frontiers in Nutrition</i> , 2022, 9, 748305.	3.7	13
284	Measurements and models of electric fields in the in vivo human brain during transcranial electric stimulation. <i>Brain Stimulation</i> , 2017, 10, e25-e26.	1.6	12
285	Sudden unexplained death in children. <i>The Lancet Child and Adolescent Health</i> , 2017, 1, 8-9.	5.6	12
286	Under-reporting of sudden unexpected death in epilepsy. <i>Epileptic Disorders</i> , 2018, 20, 270-278.	1.3	12
287	Epilepsy in nonhuman primates. <i>Epilepsia</i> , 2019, 60, 1526-1538.	5.1	12
288	Pharmacotherapy with sertraline rescues brain development and behavior in a mouse model of CDKL5 deficiency disorder. <i>Neuropharmacology</i> , 2020, 167, 107746.	4.1	12

#	ARTICLE	IF	CITATIONS
289	Genetic generalized and focal epilepsy prevalence in the North American SUDEP Registry. <i>Neurology</i> , 2020, 94, e1757-e1763.	1.1	12
290	Seizure Clusters: Morbidity and Mortality. <i>Frontiers in Neurology</i> , 2021, 12, 636045.	2.4	12
291	FDA Safety Warning on the Cardiac Effects of Lamotrigine: An Advisory From the Ad Hoc ILAE/AES Task Force. <i>Epilepsy Currents</i> , 2021, 21, 150-153.	0.8	12
292	Seizure Clusters, Seizure Severity Markers, and SUDEP Risk. <i>Frontiers in Neurology</i> , 2021, 12, 643916.	2.4	12
293	Diverse genetic causes of polymicrogyria with epilepsy. <i>Epilepsia</i> , 2021, 62, 973-983.	5.1	12
294	Time to onset of cannabidiol treatment effect and resolution of adverse events in tuberous sclerosis complex: Post hoc analysis of randomized controlled phase 3 trial GWPCARE6. <i>Epilepsia</i> , 2022, 63, 1189-1199.	5.1	12
295	Pilot study evaluating everolimus molecular mechanisms in tuberous sclerosis complex and focal cortical dysplasia. <i>PLoS ONE</i> , 2022, 17, e0268597.	2.5	12
296	Slow Cortical Dynamics and the Accumulation of Information over Long Timescales. <i>Neuron</i> , 2012, 76, 668.	8.1	11
297	Transition to adult care for children with epilepsy—A call for action. <i>Epilepsia</i> , 2014, 55, 54-55.	5.1	11
298	Influence of anxiety on memory performance in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2014, 31, 19-24.	1.7	11
299	Treatment Resistant Epilepsy in Autism Spectrum Disorder: Increased Risk for Females. <i>Autism Research</i> , 2016, 9, 311-320.	3.8	11
300	Electroencephalographic patterns during sleep in children with chromosome 15q11.2-13.1 duplications (Dup15q). <i>Epilepsy and Behavior</i> , 2016, 57, 133-136.	1.7	11
301	Parahippocampal and Entorhinal Resection Extent Predicts Verbal Memory Decline in an Epilepsy Surgery Cohort. <i>Journal of Cognitive Neuroscience</i> , 2017, 29, 869-880.	2.3	11
302	A major miss in prognostication after cardiac arrest: Burst suppression and brain healing. <i>Epilepsy & Behavior Case Reports</i> , 2017, 7, 1-5.	1.5	11
303	Early manifestations of renal disease in patients with tuberous sclerosis complex. <i>International Journal of Nephrology and Renovascular Disease</i> , 2017, Volume 10, 91-95.	1.8	11
304	Delay differential analysis for dynamical sleep spindle detection. <i>Journal of Neuroscience Methods</i> , 2019, 316, 12-21.	2.5	11
305	Sudden Unexplained Death in Childhood: A Neuropathology Review. <i>Frontiers in Neurology</i> , 2020, 11, 582051.	2.4	11
306	Identification of Specific Circular RNA Expression Patterns and MicroRNA Interaction Networks in Mesial Temporal Lobe Epilepsy. <i>Frontiers in Genetics</i> , 2020, 11, 564301.	2.3	11

#	ARTICLE	IF	CITATIONS
307	Content Validation of Clinician-Reported Items for a Severity Measure for CDKL5 Deficiency Disorder. <i>Journal of Child Neurology</i> , 2021, 36, 998-1006.	1.4	11
308	The role of autonomic dysfunction in sudden unexplained death in epilepsy patients. <i>Reviews in Neurological Diseases</i> , 2005, 2, 61-9.	0.3	11
309	Event-based modeling in temporal lobe epilepsy demonstrates progressive atrophy from cross-sectional data. <i>Epilepsia</i> , 2022, 63, 2081-2095.	5.1	11
310	Transient postoperative prosopagnosia. <i>Epilepsy and Behavior</i> , 2003, 4, 567-570.	1.7	10
311	A 48-Year-Old Man With Temporal Lobe Epilepsy and Psychiatric Illness. <i>JAMA - Journal of the American Medical Association</i> , 2003, 290, 381.	7.4	10
312	Norman Geschwind: Influence on his career and comments on his course on the neurology of behavior. <i>Epilepsy and Behavior</i> , 2009, 15, 413-416.	1.7	10
313	Implications of Death Certification on Sudden Unexpected Death in Epilepsy (SUDEP) Research. <i>Academic Forensic Pathology</i> , 2016, 6, 96-102.	0.3	10
314	Tuberous Sclerosis Health Care Utilization Based on the National Inpatient Sample Database: A Review of 5655 Hospitalizations. <i>World Neurosurgery</i> , 2016, 91, 97-105.	1.3	10
315	Unique findings of subependymal giant cell astrocytoma within cortical tubers in patients with tuberous sclerosis complex: a histopathological evaluation. <i>Child's Nervous System</i> , 2017, 33, 601-607.	1.1	10
316	SUDEP classification: Discordances between forensic investigators and epileptologists. <i>Epilepsia</i> , 2020, 61, e173-e178.	5.1	10
317	Algebraic relationship between the structural network's Laplacian and functional network's adjacency matrix is preserved in temporal lobe epilepsy subjects. <i>NeuroImage</i> , 2021, 228, 117705.	4.2	10
318	Telephone-based depression self-management in Hispanic adults with epilepsy: a pilot randomized controlled trial. <i>Translational Behavioral Medicine</i> , 2021, 11, 1451-1460.	2.4	10
319	Serotonin transporter in the temporal lobe, hippocampus and amygdala in <sc>SUDEP</sc>. <i>Brain Pathology</i> , 2022, 32, e13074.	4.1	10
320	Intraoperative microseizure detection using a high-density micro-electrocorticography electrode array. <i>Brain Communications</i> , 2022, 4, .	3.3	10
321	An Association of Hippocampal Malformations and Sudden Death? We Need More Data. <i>Forensic Science, Medicine, and Pathology</i> , 2016, 12, 229-231.	1.4	9
322	Disordered autonomic function during exposure to moderate heat or exercise in a mouse model of Dravet syndrome. <i>Neurobiology of Disease</i> , 2021, 147, 105154.	4.4	9
323	Seizure-related deaths in children: The expanding spectrum. <i>Epilepsia</i> , 2021, 62, 570-582.	5.1	9
324	Time-dependent transformations of memory representations differ along the long axis of the hippocampus. <i>Learning and Memory</i> , 2021, 28, 329-340.	1.3	9

#	ARTICLE	IF	CITATIONS
325	Treatment with fenfluramine in patients with Dravet syndrome has no long-term effects on weight and growth. <i>Epilepsy and Behavior</i> , 2021, 122, 108212.	1.7	9
326	Raphe and ventrolateral medulla proteomics in epilepsy and sudden unexpected death in epilepsy. <i>Brain Communications</i> , 2022, 4, .	3.3	9
327	Evaluation of Concordance Between Original Death Certifications and an Expert Panel Process in the Determination of Sudden Unexplained Death in Childhood. <i>JAMA Network Open</i> , 2020, 3, e2023262.	5.9	8
328	Impact of the COVID-19 pandemic on people with epilepsy: Findings from the Brazilian arm of the COVE study. <i>Epilepsy and Behavior</i> , 2021, 123, 108261.	1.7	8
329	Sudden death in epilepsy: of mice and men. <i>Journal of Clinical Investigation</i> , 2013, 123, 1415-1416.	8.2	8
330	Episodic Epileptic Verbal Auditory Agnosia in Landau Kleffner Syndrome Treated With Combination Diazepam and Corticosteroids. <i>Journal of Child Neurology</i> , 2014, 29, 1291-1298.	1.4	7
331	Cannabinoids in the Treatment of Neurological Disorders. <i>Neurotherapeutics</i> , 2015, 12, 689-691.	4.4	7
332	Inner SPACE: 400-Micron Isotropic Resolution MRI of the Human Brain. <i>Frontiers in Neuroanatomy</i> , 2020, 14, 9.	1.7	7
333	Somatic Focal Copy Number Gains of Noncoding Regions of Receptor Tyrosine Kinase Genes in Treatment-Resistant Epilepsy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 160-168.	1.7	7
334	Immunoreactivity of Muscarinic Acetylcholine M2 and Serotonin 5-HT2B Receptors, Norepinephrine Transporter and Kir Channels in a Model of Epilepsy. <i>Life</i> , 2021, 11, 276.	2.4	7
335	Blinded review of hippocampal neuropathology in sudden unexplained death in childhood reveals inconsistent observations and similarities to explained paediatric deaths. <i>Neuropathology and Applied Neurobiology</i> , 2022, 48, .	3.2	7
336	The Precentral Gyrus Contributions to the Early Time-Course of Grapheme-to-Phoneme Conversion. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2022, 3, 18-45.	3.1	7
337	Neuropathology in the North American sudden unexpected death in epilepsy registry. <i>Brain Communications</i> , 2021, 3, fcab192.	3.3	7
338	SUDEP among young adults in the San Diego County Medical Examiner Office. <i>Epilepsia</i> , 2020, 61, e17-e22.	5.1	7
339	Proteomic differences in hippocampus and cortex of sudden unexplained death in childhood. <i>Acta Neuropathologica</i> , 2022, 143, 585-599.	7.7	7
340	Observational study of medical marijuana as a treatment for <sc>resistant</sc> epilepsies. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 497-505.	3.7	7
341	Neural correlates to automatic behavior estimations from RGB-D video in epilepsy unit. , 2016, 2016, 3402-3405.		6
342	Deaths in Epilepsy. <i>JAMA Neurology</i> , 2018, 75, 913.	9.0	6

#	ARTICLE	IF	CITATIONS
343	SUDEP in patients with epilepsy and nonepileptic seizures. <i>Epilepsia Open</i> , 2019, 4, 482-486.	2.4	6
344	Mortality in tuberous sclerosis complex. <i>Epilepsy and Behavior</i> , 2021, 121, 108032.	1.7	6
345	Estimation of in-scanner head pose changes during structural MRI using a convolutional neural network trained on eye tracker video. <i>Magnetic Resonance Imaging</i> , 2021, 81, 101-108.	1.8	6
346	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.	1.7	6
347	SUDEP. <i>Neurology</i> , 2015, 85, 1534-1535.	1.1	5
348	Network Analysis on Predicting Mean Diffusivity Change at Group Level in Temporal Lobe Epilepsy. <i>Brain Connectivity</i> , 2016, 6, 607-620.	1.7	5
349	Cannabinoids and epilepsy – Introduction. <i>Epilepsy and Behavior</i> , 2017, 70, 277.	1.7	5
350	National Association of Medical Examiners Position Paper: Recommendations for the Investigation and Certification of Deaths in People with Epilepsy. <i>Academic Forensic Pathology</i> , 2018, 8, 119-135.	0.3	5
351	Cannabidiol in the Lennox-Gastaut Syndrome. <i>New England Journal of Medicine</i> , 2018, 379, 794-795.	27.0	5
352	Cortical gray-white matter blurring and declarative memory impairment in MRI-negative temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2019, 97, 34-43.	1.7	5
353	Hippocampal volumetric integrity in mesial temporal lobe epilepsy: A fast novel method for analysis of structural MRI. <i>Epilepsy Research</i> , 2019, 154, 157-162.	1.6	5
354	Ictal EEG in patients with autistic spectrum disorder and epilepsy. <i>Epilepsy Research</i> , 2020, 168, 106482.	1.6	5
355	Automated Analysis of Risk Factors for Postictal Generalized EEG Suppression. <i>Frontiers in Neurology</i> , 2021, 12, 669517.	2.4	5
356	Shared genetic basis between genetic generalized epilepsy and background electroencephalographic oscillations. <i>Epilepsia</i> , 2021, 62, 1518-1527.	5.1	5
357	Localized Motion Artifact Reduction on Brain MRI Using Deep Learning with Effective Data Augmentation Techniques. , 2021, , .		5
358	SUDEP education among U.S. and international neurology trainees. <i>Epilepsy and Behavior</i> , 2021, 121, 108098.	1.7	5
359	Effects of hippocampal interictal discharge timing, duration, and spatial extent on list learning. <i>Epilepsy and Behavior</i> , 2021, 123, 108209.	1.7	5
360	Hemispheric influence on autonomic modulation and baroreflex sensitivity. <i>Annals of Neurology</i> , 2001, 49, 575-584.	5.3	5

#	ARTICLE	IF	CITATIONS
361	Behavioral neurology. The neurology of Capgras syndrome. <i>Reviews in Neurological Diseases</i> , 2008, 5, 97-100.	0.3	5
362	Longitudinal quantitative analysis of the tuber-to-brain proportion in patients with tuberous sclerosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 12, 71-76.	1.3	4
363	Commentary: Medical Marijuana Survey & Epilepsy. <i>Epilepsia</i> , 2015, 56, 7-8.	5.1	4
364	Parental-reported pain insensitivity in Dup15q. <i>Epilepsy and Behavior</i> , 2016, 55, 124-127.	1.7	4
365	Everolimus for epilepsy in paediatric tuberous sclerosis complex. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 467-469.	5.6	4
366	Cingulate seizures and recent treatment strategies. <i>Handbook of Clinical Neurology / Edited By P J Vinren and G W Bruyn</i> , 2019, 166, 341-353.	1.8	4
367	Response to Comment on "The Human K-Complex Represents an Isolated Cortical Down-State". <i>Science</i> , 2010, 330, 35-35.	12.6	3
368	Nocturnal monitoring in epilepsy. <i>Neurology</i> , 2018, 91, 731-732.	1.1	3
369	SUDEP: Advances and Challenges. <i>Epilepsy Currents</i> , 2020, 20, 29S-31S.	0.8	3
370	High resolution automated labeling of the hippocampus and amygdala using a 3D convolutional neural network trained on whole brain 700 μ m isotropic 7T MP2RAGE MRI. <i>Human Brain Mapping</i> , 2021, 42, 2089-2098.	3.6	3
371	Methylphenidate for attention problems in epilepsy patients: Safety and efficacy. <i>Epilepsy and Behavior</i> , 2021, 115, 107627.	1.7	3
372	Genomic analysis of "microphenotypes" in epilepsy. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 138-146.	1.2	3
373	A Peri-Ictal EEG-Based Biomarker for Sudden Unexpected Death in Epilepsy (SUDEP) Derived From Brain Network Analysis. <i>Frontiers in Network Physiology</i> , 2022, 2, .	1.8	3
374	WEED. <i>Neurosurgery</i> , 2015, 76, 357-361.	1.1	2
375	The brain that changed neurology: Broca's 1861 case of aphasia. <i>Annals of Neurology</i> , 2016, 80, 321-325.	5.3	2
376	The impact of medications and medical comorbidities on sexual function in people with epilepsy. <i>Epilepsy Research</i> , 2021, 172, 106596.	1.6	2
377	Religious conversion in an older male with longstanding epilepsy. <i>Epilepsy and Behavior Reports</i> , 2022, 18, 100524.	1.0	2
378	Interictal EEG and ECG for SUDEP Risk Assessment: A Retrospective Multicenter Cohort Study. <i>Frontiers in Neurology</i> , 2022, 13, 858333.	2.4	2

#	ARTICLE	IF	CITATIONS
379	The woman with epilepsy: a historical perspective. , 2003, , 17-34.		1
380	Happy Anniversary from Founding Associate Editor Dr. Orrin Devinsky. Epilepsy and Behavior, 2014, 40, 58.	1.7	1
381	Omega-3 fatty acids and SUDEP prevention “ Authors™ reply. Lancet Neurology, The, 2016, 15, 1303-1304.	10.2	1
382	Proteomic similarities in Alzheimer’s disease and epilepsy brains highlight the important role of tau. Alzheimer's and Dementia, 2020, 16, e046234.	0.8	1
383	Prevention of Sudden Unexpected Death in Epilepsy. European Neurological Review, 2018, 13, 72.	0.5	1
384	Experiencing Positive Health, as a Family, While Living With a Rare Complex Disease: Bringing Participatory Medicine Through Collaborative Decision Making Into the Real World. Journal of Participatory Medicine, 2020, 12, e17602.	1.3	1
385	Epilepsy Mortality. Neurology, 2022, 98, 93-94.	1.1	1
386	Efficacy of levetiracetam in partial seizures. Epileptic Disorders, 2003, 5 Suppl 1, S27-31.	1.3	1
387	The influence of temporal lobectomy on the mental state of patients with psychomotor epilepsy. T. Alajouanine, J. Nehlil, R. Houdart Revue Neurol 1958;98(3):165-171. Epilepsy and Behavior, 2009, 16, 50-51.	1.7	0
388	Reply. Annals of Neurology, 2016, 80, 955-956.	5.3	0
389	Letter re: Practice guideline summary: Sudden unexpected death in epilepsy incidence rates and risk factors: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology and the American Epilepsy Society. Neurology, 2017, 89, 2213-2214.	1.1	0
390	Author response: Underestimation of sudden deaths among patients with seizures and epilepsy. Neurology, 2018, 90, 532-532.	1.1	0
391	T104. Neural correlates of sign language and spoken language revealed by electrocorticography. Clinical Neurophysiology, 2018, 129, e42-e43.	1.5	0
392	Dietary Measures to Prevent Sudden Unexpected Death in Epilepsy”Reply. JAMA Neurology, 2018, 75, 1156.	9.0	0
393	Reply: Interactions of interictal epileptic discharges with sleep slow waves and spindles. Brain, 2020, 143, e28-e28.	7.6	0
394	Author Response: Temporal Trends and Autopsy Findings of SUDEP Based on Medicolegal Investigations in the United States. Neurology, 2021, 97, 351-351.	1.1	0
395	Temporal Context Invariance Reveals Neural Processing Timescales in Human Auditory Cortex. , 2019, , .		0
396	Temporal Dynamics of Meaning. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
397	Suicidality of Newer Antiseizure Medications: A Meta-Analysis. SSRN Electronic Journal, 0, , .	0.4	0
398	OUP accepted manuscript. American Journal of Clinical Nutrition, 2022, 115, 592-593.	4.7	0
399	Modeling the temporal dynamics of neural responses in human visual cortex. Journal of Vision, 2020, 20, 582.	0.3	0
400	Psychiatric disorders. Advances in Neurology, 2002, 90, 277-93.	0.8	0
401	Introduction: managing epilepsy in special populations. Reviews in Neurological Diseases, 2004, 1 Suppl 1, S1-3.	0.3	0
402	Neurofibromatosis: advances in molecular genetics, diagnosis, and treatment. Introduction. Reviews in Neurological Diseases, 2009, 6, E45-6.	0.3	0
403	Remote Memory in Epilepsy: Assessment, Impairment, and Implications Regarding Hippocampal Function. Frontiers in Neurology, 2022, 13, 855332.	2.4	0