

# Orrin Devinsky

## 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.

385  
papers

22,369  
citations

70  
h-index

141  
g-index

422  
ext. papers

27,516  
ext. citations

8  
avg, IF

7.17  
L-index

#	Paper	IF	Citations
385	Religious conversion in an older male with longstanding epilepsy.. <i>Epilepsy and Behavior Reports</i> , <b>2022</b> , 18, 100524	1.3	0
384	A cortical network processes auditory error signals during human speech production to maintain fluency.. <i>PLoS Biology</i> , <b>2022</b> , 20, e3001493	9.7	1
383	Dietary Transitions and Health Outcomes in Four Populations - Systematic Review.. <i>Frontiers in Nutrition</i> , <b>2022</b> , 9, 748305	6.2	2
382	Multiscale temporal integration organizes hierarchical computation in human auditory cortex.. <i>Nature Human Behaviour</i> , <b>2022</b> ,	12.8	2
381	The refined carbohydrate-insulin model of obesity.. <i>American Journal of Clinical Nutrition</i> , <b>2022</b> , 115, 592-593	7	
380	Imagined speech can be decoded from low- and cross-frequency intracranial EEG features.. <i>Nature Communications</i> , <b>2022</b> , 13, 48	17.4	6
379	Proteomic differences in hippocampus and cortex of sudden unexplained death in childhood.. <i>Acta Neuropathologica</i> , <b>2022</b> , 1	14.3	0
378	Shared computational principles for language processing in humans and deep language models.. <i>Nature Neuroscience</i> , <b>2022</b> , 25, 369-380	25.5	6
377	Interictal EEG and ECG for SUDEP Risk Assessment: A Retrospective Multicenter Cohort Study.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 858333	4.1	0
376	Germline variants in tumor suppressor FBXW7 lead to impaired ubiquitination and a neurodevelopmental syndrome.. <i>American Journal of Human Genetics</i> , <b>2022</b> , 109, 601-617	11	0
375	Remote Memory in Epilepsy: Assessment, Impairment, and Implications Regarding Hippocampal Function.. <i>Frontiers in Neurology</i> , <b>2022</b> , 13, 855332	4.1	
374	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.. <i>Lancet Neurology</i> , <b>2022</b> , 21, 417-427	24.1	3
373	Serotonin transporter in the temporal lobe, hippocampus and amygdala in SUDEP.. <i>Brain Pathology</i> , <b>2022</b> , e13074	6	1
372	Pilot study evaluating everolimus molecular mechanisms in tuberous sclerosis complex and focal cortical dysplasia.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0268597	3.7	2
371	United States Dietary Trends Since 1800: Lack of Association Between Saturated Fatty Acid Consumption and Non-communicable Diseases.. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 748847	6.2	1
370	Association of Peri-ictal Brainstem Posturing With Seizure Severity and Breathing Compromise in Patients With Generalized Convulsive Seizures. <i>Neurology</i> , <b>2021</b> , 96, e352-e365	6.5	7
369	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> , <b>2021</b> , 63, 130	6.4	6

368	Vascular risk factors as predictors of epilepsy in older age: The Framingham Heart Study. <i>Epilepsia</i> , <b>2021</b> ,	6.4	4
367	Ongoing neural oscillations influence behavior and sensory representations by suppressing neuronal excitability. <i>NeuroImage</i> , <b>2021</b> , 247, 118746	7.9	2
366	Association of Short-term Heart Rate Variability and Sudden Unexpected Death in Epilepsy. <i>Neurology</i> , <b>2021</b> ,	6.5	4
365	Impact of fenfluramine on the expected SUDEP mortality rates in patients with Dravet syndrome. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2021</b> , 93, 154-159	3.2	4
364	Long-term priors influence visual perception through recruitment of long-range feedback. <i>Nature Communications</i> , <b>2021</b> , 12, 6288	17.4	4
363	International Recommendations for the Management of Adults Treated With Ketogenic Diet Therapies. <i>Neurology: Clinical Practice</i> , <b>2021</b> , 11, 385-397	1.7	5
362	Immunoreactivity of Muscarinic Acetylcholine M2 and Serotonin 5-HT2B Receptors, Norepinephrine Transporter and Kir Channels in a Model of Epilepsy. <i>Life</i> , <b>2021</b> , 11,	3	2
361	Algebraic relationship between the structural network's Laplacian and functional network's adjacency matrix is preserved in temporal lobe epilepsy subjects. <i>NeuroImage</i> , <b>2021</b> , 228, 117705	7.9	3
360	Microscale Physiological Events on the Human Cortical Surface. <i>Cerebral Cortex</i> , <b>2021</b> , 31, 3678-3700	5.1	9
359	Add-on Cannabidiol Treatment for Drug-Resistant Seizures in Tuberous Sclerosis Complex: A Placebo-Controlled Randomized Clinical Trial. <i>JAMA Neurology</i> , <b>2021</b> , 78, 285-292	17.2	44
358	Diverse genetic causes of polymicrogyria with epilepsy. <i>Epilepsia</i> , <b>2021</b> , 62, 973-983	6.4	3
357	Spatiotemporal dynamics between interictal epileptiform discharges and ripples during associative memory processing. <i>Brain</i> , <b>2021</b> , 144, 1590-1602	11.2	3
356	Proteomics and Transcriptomics of the Hippocampus and Cortex in SUDEP and High-Risk SUDEP Patients. <i>Neurology</i> , <b>2021</b> , 96, e2639-e2652	6.5	9
355	Sudden Unexpected Death in Epilepsy: A Personalized Prediction Tool. <i>Neurology</i> , <b>2021</b> , 96, e2627-e2638.5	3.5	5
354	The impact of medications and medical comorbidities on sexual function in people with epilepsy. <i>Epilepsy Research</i> , <b>2021</b> , 172, 106596	3	1
353	Automated Analysis of Risk Factors for Postictal Generalized EEG Suppression. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 669517	4.1	1
352	Effect of fenfluramine on convulsive seizures in CDKL5 deficiency disorder. <i>Epilepsia</i> , <b>2021</b> , 62, e98-e1026.4	6.4	7
351	Telephone-based depression self-management in Hispanic adults with epilepsy: a pilot randomized controlled trial. <i>Translational Behavioral Medicine</i> , <b>2021</b> , 11, 1451-1460	3.2	0

350	Shared genetic basis between genetic generalized epilepsy and background electroencephalographic oscillations. <i>Epilepsia</i> , <b>2021</b> , 62, 1518-1527	6.4	1
349	Flexible, high-resolution thin-film electrodes for human and animal neural research. <i>Journal of Neural Engineering</i> , <b>2021</b> , 18,	5	5
348	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> , <b>2021</b> ,	5.2	3
347	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> , <b>2021</b> , 62, 2228-2239	6.4	11
346	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> , <b>2021</b> , 34, 264-279	9.8	1
345	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> , <b>2021</b> , 80, 160-168 <sup>3.1</sup>		4
344	Disordered autonomic function during exposure to moderate heat or exercise in a mouse model of Dravet syndrome. <i>Neurobiology of Disease</i> , <b>2021</b> , 147, 105154	7.5	3
343	Evaluating risk to people with epilepsy during the COVID-19 pandemic: Preliminary findings from the COV-E study. <i>Epilepsy and Behavior</i> , <b>2021</b> , 115, 107658	3.2	16
342	Artificial intelligence for classification of temporal lobe epilepsy with ROI-level MRI data: A worldwide ENIGMA-Epilepsy study. <i>NeuroImage: Clinical</i> , <b>2021</b> , 31, 102765	5.3	8
341	Detailed Clinical and Psychological Phenotype of the X-linked -Related Neurodevelopmental Disorder. <i>Neurology: Genetics</i> , <b>2021</b> , 7, e551	3.8	6
340	High resolution automated labeling of the hippocampus and amygdala using a 3D convolutional neural network trained on whole brain 700 $\mu$ m isotropic 7T MP2RAGE MRI. <i>Human Brain Mapping</i> , <b>2021</b> , 42, 2089-2098	5.9	1
339	FDA safety warning on the cardiac effects of lamotrigine: An advisory from the Ad Hoc ILAE/AES Task Force. <i>Epilepsia Open</i> , <b>2021</b> , 6, 45-48	4	11
338	Seizure Clusters: Morbidity and Mortality. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 636045	4.1	3
337	Methylphenidate for attention problems in epilepsy patients: Safety and efficacy. <i>Epilepsy and Behavior</i> , <b>2021</b> , 115, 107627	3.2	1
336	Seizure-related deaths in children: The expanding spectrum. <i>Epilepsia</i> , <b>2021</b> , 62, 570-582	6.4	4
335	FDA Safety Warning on the Cardiac Effects of Lamotrigine: An Advisory From the Ad Hoc ILAE/AES Task Force. <i>Epilepsy Currents</i> , <b>2021</b> , 1535759721996344	1.3	6
334	Ataluren for drug-resistant epilepsy in nonsense variant-mediated Dravet syndrome and CDKL5 deficiency disorder. <i>Annals of Clinical and Translational Neurology</i> , <b>2021</b> , 8, 639-644	5.3	9
333	Seizure Clusters, Seizure Severity Markers, and SUDEP Risk. <i>Frontiers in Neurology</i> , <b>2021</b> , 12, 643916	4.1	4

332	Proteomic differences in the hippocampus and cortex of epilepsy brain tissue. <i>Brain Communications</i> , <b>2021</b> , 3, fcab021	4.5	9
331	Add-on cannabidiol in patients with Dravet syndrome: Results of a long-term open-label extension trial. <i>Epilepsia</i> , <b>2021</b> , 62, 2505-2517	6.4	10
330	Author Response: Temporal Trends and Autopsy Findings of SUDEP Based on Medicolegal Investigations in the United States. <i>Neurology</i> , <b>2021</b> , 97, 351	6.5	
329	Mortality in tuberous sclerosis complex. <i>Epilepsy and Behavior</i> , <b>2021</b> , 121, 108032	3.2	2
328	Content Validation of Clinician-Reported Items for a Severity Measure for CDKL5 Deficiency Disorder. <i>Journal of Child Neurology</i> , <b>2021</b> , 36, 998-1006	2.5	2
327	Time-dependent transformations of memory representations differ along the long axis of the hippocampus. <i>Learning and Memory</i> , <b>2021</b> , 28, 329-340	2.8	1
326	Improved Bioavailability with Dry Powder Cannabidiol Inhalation: A Phase 1 Clinical Study. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 110, 3946-3952	3.9	2
325	SUDEP education among U.S. and international neurology trainees. <i>Epilepsy and Behavior</i> , <b>2021</b> , 121, 108098	3.2	3
324	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> , <b>2021</b> , 81, 101-108	3.3	0
323	Treatment with fenfluramine in patients with Dravet syndrome has no long-term effects on weight and growth. <i>Epilepsy and Behavior</i> , <b>2021</b> , 122, 108212	3.2	2
322	Moment-by-moment tracking of naturalistic learning and its underlying hippocampo-cortical interactions. <i>Nature Communications</i> , <b>2021</b> , 12, 5394	17.4	5
321	A systems-level analysis highlights microglial activation as a modifying factor in common epilepsies. <i>Neuropathology and Applied Neurobiology</i> , <b>2021</b> ,	5.2	2
320	Suicidality Risk of Newer Antiseizure Medications: A Meta-analysis. <i>JAMA Neurology</i> , <b>2021</b> , 78, 1118-1127	7.2	8
319	Impact of the COVID-19 pandemic on people with epilepsy: Findings from the Brazilian arm of the COV-E study. <i>Epilepsy and Behavior</i> , <b>2021</b> , 123, 108261	3.2	2
318	Effects of hippocampal interictal discharge timing, duration, and spatial extent on list learning. <i>Epilepsy and Behavior</i> , <b>2021</b> , 123, 108209	3.2	0
317	Neuropathology in the North American sudden unexpected death in epilepsy registry. <i>Brain Communications</i> , <b>2021</b> , 3, fcab192	4.5	2
316	De novo mutations in childhood cases of sudden unexplained death that disrupt intracellular Ca regulation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	6
315	Bi-directional association between epilepsy and dementia: The Framingham Heart Study. <i>Neurology</i> , <b>2020</b> , 95, e3241-e3247	6.5	15

314	Proteomic similarities in Alzheimer's disease and epilepsy brains highlight the important role of tau. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, e046234	1.2	
313	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> , <b>2020</b> , 3, e2023262	10.4	4
312	Barriers to transition from pediatric to adult care for patients with Dravet syndrome: A focus group study of caregivers. <i>Epilepsy and Behavior</i> , <b>2020</b> , 109, 107096	3.2	5
311	Dental health in persons with disability. <i>Epilepsy and Behavior</i> , <b>2020</b> , 110, 107174	3.2	2
310	Epilepsy: key experimental therapeutics in early clinical development. <i>Expert Opinion on Investigational Drugs</i> , <b>2020</b> , 29, 373-383	5.9	18
309	Reply: Interactions of interictal epileptic discharges with sleep slow waves and spindles. <i>Brain</i> , <b>2020</b> , 143, e28	11.2	
308	Cannabidiol efficacy independent of clobazam: Meta-analysis of four randomized controlled trials. <i>Acta Neurologica Scandinavica</i> , <b>2020</b> , 142, 531-540	3.8	13
307	Socioeconomic disparities in SUDEP in the US. <i>Neurology</i> , <b>2020</b> , 94, e2555-e2566	6.5	7
306	Temporal trends and autopsy findings of SUDEP based on medico-legal investigations in the United States. <i>Neurology</i> , <b>2020</b> , 95, e867-e877	6.5	6
305	Sleep Spindles Promote the Restructuring of Memory Representations in Ventromedial Prefrontal Cortex through Enhanced Hippocampal-Cortical Functional Connectivity. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 1909-1919	6.6	20
304	Independent Functional Outcomes after Prolonged Coma following Cardiac Arrest: A Mechanistic Hypothesis. <i>Annals of Neurology</i> , <b>2020</b> , 87, 618-632	9.4	10
303	Neuropathologic Changes in Sudden Unexplained Death in Childhood. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2020</b> , 79, 336-346	3.1	10
302	Inner SPACE: 400-Micron Isotropic Resolution MRI of the Human Brain. <i>Frontiers in Neuroanatomy</i> , <b>2020</b> , 14, 9	3.6	3
301	Adenosine kinase and adenosine receptors A R and A R in temporal lobe epilepsy and hippocampal sclerosis and association with risk factors for SUDEP. <i>Epilepsia</i> , <b>2020</b> , 61, 787-797	6.4	10
300	Keeping people with epilepsy safe during the COVID-19 pandemic. <i>Neurology</i> , <b>2020</b> , 94, 1032-1037	6.5	91
299	SUDEP among young adults in the San Diego County Medical Examiner Office. <i>Epilepsia</i> , <b>2020</b> , 61, e17-e24	2.4	3
298	Modeling the temporal dynamics of neural responses in human visual cortex. <i>Journal of Vision</i> , <b>2020</b> , 20, 582	0.4	
297	Experiencing Positive Health, as a Family, While Living With a Rare Complex Disease: Bringing Participatory Medicine Through Collaborative Decision Making Into the Real World. <i>Journal of Participatory Medicine</i> , <b>2020</b> , 12, e17602	1.4	1

296	Cardiorespiratory depression from brainstem seizure activity in freely moving rats. <i>Neurobiology of Disease</i> , <b>2020</b> , 134, 104628	7.5	12
295	Pharmacotherapy with sertraline rescues brain development and behavior in a mouse model of CDKL5 deficiency disorder. <i>Neuropharmacology</i> , <b>2020</b> , 167, 107746	5.5	5
294	Autism risk in offspring can be assessed through quantification of male sperm mosaicism. <i>Nature Medicine</i> , <b>2020</b> , 26, 143-150	50.5	38
293	Sudden unexpected death in asymptomatic infants due to PPA2 variants. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1008	2.3	10
292	Why we urgently need improved epilepsy therapies for adult patients. <i>Neuropharmacology</i> , <b>2020</b> , 170, 107855	5.5	14
291	Sudden Unexplained Death in Childhood: A Neuropathology Review. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 582051	4.1	8
290	SUDEP: Advances and Challenges. <i>Epilepsy Currents</i> , <b>2020</b> , 20, 29S-31S	1.3	2
289	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	18
288	Neural correlates of sign language production revealed by electrocorticography. <i>Neurology</i> , <b>2020</b> , 95, e2880-e2889	6.5	3
287	Cross talk between drug-resistant epilepsy and the gut microbiome. <i>Epilepsia</i> , <b>2020</b> , 61, 2619-2628	6.4	17
286	Ictal EEG in patients with autistic spectrum disorder and epilepsy. <i>Epilepsy Research</i> , <b>2020</b> , 168, 106482	3	1
285	SUDEP classification: Discordances between forensic investigators and epileptologists. <i>Epilepsia</i> , <b>2020</b> , 61, e173-e178	6.4	2
284	Identification of Specific Circular RNA Expression Patterns and MicroRNA Interaction Networks in Mesial Temporal Lobe Epilepsy. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 564301	4.5	6
283	Viral manipulation of functionally distinct interneurons in mice, non-human primates and humans. <i>Nature Neuroscience</i> , <b>2020</b> , 23, 1629-1636	25.5	44
282	Coding and non-coding transcriptome of mesial temporal lobe epilepsy: Critical role of small non-coding RNAs. <i>Neurobiology of Disease</i> , <b>2020</b> , 134, 104612	7.5	15
281	Genetic generalized and focal epilepsy prevalence in the North American SUDEP Registry. <i>Neurology</i> , <b>2020</b> , 94, e1757-e1763	6.5	2
280	Postictal serotonin levels are associated with peri-ictal apnea. <i>Neurology</i> , <b>2019</b> , 93, e1485-e1494	6.5	14
279	Interictal epileptiform discharges shape large-scale intercortical communication. <i>Brain</i> , <b>2019</b> , 142, 3502-3513	35.13	23

278	3T MRI Whole-Brain Microscopy Discrimination of Subcortical Anatomy, Part 1: Brain Stem. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 401-407	4.4	6
277	Delay differential analysis for dynamical sleep spindle detection. <i>Journal of Neuroscience Methods</i> , <b>2019</b> , 316, 12-21	3	5
276	3T MRI Whole-Brain Microscopy Discrimination of Subcortical Anatomy, Part 2: Basal Forebrain. <i>American Journal of Neuroradiology</i> , <b>2019</b> , 40, 1095-1105	4.4	9
275	Epilepsy in nonhuman primates. <i>Epilepsia</i> , <b>2019</b> , 60, 1526-1538	6.4	7
274	SUDEP in the North American SUDEP Registry: The full spectrum of epilepsies. <i>Neurology</i> , <b>2019</b> , 93, e22765-23661	6.5	61
273	Cortical gray-white matter blurring and declarative memory impairment in MRI-negative temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , <b>2019</b> , 97, 34-43	3.2	2
272	Hippocampal volumetric integrity in mesial temporal lobe epilepsy: A fast novel method for analysis of structural MRI. <i>Epilepsy Research</i> , <b>2019</b> , 154, 157-162	3	5
271	Potential Role of Febrile Seizures and Other Risk Factors Associated With Sudden Deaths in Children. <i>JAMA Network Open</i> , <b>2019</b> , 2, e192739	10.4	13
270	Incidence, Recurrence, and Risk Factors for Peri-ictal Central Apnea and Sudden Unexpected Death in Epilepsy. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 166	4.1	31
269	Spectrotemporal modulation provides a unifying framework for auditory cortical asymmetries. <i>Nature Human Behaviour</i> , <b>2019</b> , 3, 393-405	12.8	51
268	Severity Assessment in CDKL5 Deficiency Disorder. <i>Pediatric Neurology</i> , <b>2019</b> , 97, 38-42	2.9	18
267	Hippocampal Contributions to Model-Based Planning and Spatial Memory. <i>Neuron</i> , <b>2019</b> , 102, 683-693.e43.9	4.9	70
266	Cyclin-Dependent Kinase-Like 5 Deficiency Disorder: Clinical Review. <i>Pediatric Neurology</i> , <b>2019</b> , 97, 18-25.9	2.9	60
265	Hippocampal gamma predicts associative memory performance as measured by acute and chronic intracranial EEG. <i>Scientific Reports</i> , <b>2019</b> , 9, 593	4.9	10
264	Cannabidiol in patients with Lennox-Gastaut syndrome: Interim analysis of an open-label extension study. <i>Epilepsia</i> , <b>2019</b> , 60, 419-428	6.4	61
263	iEEG-BIDS, extending the Brain Imaging Data Structure specification to human intracranial electrophysiology. <i>Scientific Data</i> , <b>2019</b> , 6, 102	8.2	47
262	The association of serotonin reuptake inhibitors and benzodiazepines with ictal central apnea. <i>Epilepsy and Behavior</i> , <b>2019</b> , 98, 73-79	3.2	11
261	Characterisation of medullary astrocytic populations in respiratory nuclei and alterations in sudden unexpected death in epilepsy. <i>Epilepsy Research</i> , <b>2019</b> , 157, 106213	3	10



260	SUDEP in patients with epilepsy and nonepileptic seizures. <i>Epilepsia Open</i> , <b>2019</b> , 4, 482-486	4	3
259	The generation and propagation of the human alpha rhythm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 23772-23782	11.5	87
258	Temporal lobe surgery and memory: Lessons, risks, and opportunities. <i>Epilepsy and Behavior</i> , <b>2019</b> , 101, 106596	3.2	12
257	Closed-Loop Acoustic Stimulation Enhances Sleep Oscillations But Not Memory Performance. <i>ENeuro</i> , <b>2019</b> , 6,	3.9	22
256	Cingulate seizures and recent treatment strategies. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , <b>2019</b> , 166, 341-353	3	1
255	Personalized medicine: Vinpocetine to reverse effects of GABRB3 mutation. <i>Epilepsia</i> , <b>2019</b> , 60, 2459-2465	4	9
254	Fenfluramine hydrochloride for the treatment of seizures in Dravet syndrome: a randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , <b>2019</b> , 394, 2243-2254	40	116
253	Cannabinoid therapy in epilepsy. <i>Current Opinion in Neurology</i> , <b>2019</b> , 32, 220-226	7.1	29
252	Long-term cannabidiol treatment in patients with Dravet syndrome: An open-label extension trial. <i>Epilepsia</i> , <b>2019</b> , 60, 294-302	6.4	139
251	Understanding perirhinal contributions to perception and memory: Evidence through the lens of selective perirhinal damage. <i>Neuropsychologia</i> , <b>2019</b> , 124, 9-18	3.2	8
250	Postconvulsive central apnea as a biomarker for sudden unexpected death in epilepsy (SUDEP). <i>Neurology</i> , <b>2019</b> , 92, e171-e182	6.5	73
249	Resting state functional connectivity patterns associated with pharmacological treatment resistance in temporal lobe epilepsy. <i>Epilepsy Research</i> , <b>2019</b> , 149, 37-43	3	16
248	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> , <b>2019</b> , 104, 287-298	11	21
247	Species-specific susceptibility to cannabis-induced convulsions. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 1506-1523	8.6	19
246	National Association of Medical Examiners position paper: Recommendations for the investigation and certification of deaths in people with epilepsy. <i>Epilepsia</i> , <b>2018</b> , 59, 530-543	6.4	21
245	Cardiac arrhythmia and neuroexcitability gene variants in resected brain tissue from patients with sudden unexpected death in epilepsy (SUDEP). <i>Npj Genomic Medicine</i> , <b>2018</b> , 3, 9	6.2	30
244	Preventing Sudden Unexpected Death in Epilepsy. <i>JAMA Neurology</i> , <b>2018</b> , 75, 531-532	17.2	14
243	Presurgical depression and anxiety are not associated with worse epilepsy surgery outcome five years postoperatively. <i>Epilepsy and Behavior</i> , <b>2018</b> , 83, 7-12	3.2	11

242	Heterogeneous Origins of Human Sleep Spindles in Different Cortical Layers. <i>Journal of Neuroscience</i> , <b>2018</b> , 38, 3013-3025	6.6	22
241	Superficial Slow Rhythms Integrate Cortical Processing in Humans. <i>Scientific Reports</i> , <b>2018</b> , 8, 2055	4.9	32
240	Functional brain connectivity is predictable from anatomic network's Laplacian eigen-structure. <i>NeuroImage</i> , <b>2018</b> , 172, 728-739	7.9	57
239	Long-term surveillance of SUDEP in drug-resistant epilepsy patients treated with VNS therapy. <i>Epilepsia</i> , <b>2018</b> , 59, 562-572	6.4	79
238	The incidence and significance of periictal apnea in epileptic seizures. <i>Epilepsia</i> , <b>2018</b> , 59, 573-582	6.4	67
237	Sudden unexpected death in epilepsy in patients treated with brain-responsive neurostimulation. <i>Epilepsia</i> , <b>2018</b> , 59, 555-561	6.4	39
236	Structural brain abnormalities in the common epilepsies assessed in a worldwide ENIGMA study. <i>Brain</i> , <b>2018</b> , 141, 391-408	11.2	187
235	Epilepsy. <i>Nature Reviews Disease Primers</i> , <b>2018</b> , 4, 18024	51.1	269
234	Author response: Underestimation of sudden deaths among patients with seizures and epilepsy. <i>Neurology</i> , <b>2018</b> , 90, 532	6.5	
233	Randomized, dose-ranging safety trial of cannabidiol in Dravet syndrome. <i>Neurology</i> , <b>2018</b> , 90, e1204-e1211	12.3	217
232	Parieto-frontal gyrification and working memory in healthy adults. <i>Brain Imaging and Behavior</i> , <b>2018</b> , 12, 303-308	4.1	13
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226	Brainstem network disruption: A pathway to sudden unexplained death in epilepsy?. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 4820-4830	5.9	50
225	Dietary Measures to Prevent Sudden Unexpected Death in Epilepsy-Reply. <i>JAMA Neurology</i> , <b>2018</b> , 75, 1156	17.2	

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221	Dead in the water: Epilepsy-related drowning or sudden unexpected death in epilepsy?. <i>Epilepsia</i> , <b>2018</b> , 59, 1966-1972	6.4	7
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217	Under-reporting of sudden unexpected death in epilepsy. <i>Epileptic Disorders</i> , <b>2018</b> , 20, 270-278	1.9	7
216	Immediate neurophysiological effects of transcranial electrical stimulation. <i>Nature Communications</i> , <b>2018</b> , 9, 5092	17.4	175
215	Lorcaserin therapy for severe epilepsy of childhood onset: A case series. <i>Neurology</i> , <b>2018</b> , 91, 837-839	6.5	28
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3	A systems-level analysis highlights microglial activation as a modifying factor in common forms of human epilepsy		6
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