

# Nathan B Fountain

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

8,017  
citations

101543

36  
h-index

128289

60  
g-index

63  
all docs

63  
docs citations

63  
times ranked

8367  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical stimulation of the anterior nucleus of thalamus for treatment of refractory epilepsy. <i>Epilepsia</i> , 2010, 51, 899-908.	5.1	1,494
2	De novo mutations in epileptic encephalopathies. <i>Nature</i> , 2013, 501, 217-221.	27.8	1,351
3	Long-term efficacy and safety of thalamic stimulation for drug-resistant partial epilepsy. <i>Neurology</i> , 2015, 84, 1017-1025.	1.1	594
4	Two-year seizure reduction in adults with medically intractable partial onset epilepsy treated with responsive neurostimulation: Final results of the RNS System Pivotal trial. <i>Epilepsia</i> , 2014, 55, 432-441.	5.1	520
5	Randomized Trial of Three Anticonvulsant Medications for Status Epilepticus. <i>New England Journal of Medicine</i> , 2019, 381, 2103-2113.	27.0	342
6	Brain-responsive neurostimulation in patients with medically intractable mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2017, 58, 994-1004.	5.1	227
7	Status Epilepticus: Risk Factors and Complications. <i>Epilepsia</i> , 2000, 41, S23-S30.	5.1	226
8	Ultra-rare genetic variation in common epilepsies: a case-control sequencing study. <i>Lancet Neurology</i> , The, 2017, 16, 135-143.	10.2	190
9	Essential services, personnel, and facilities in specialized epilepsy centers—Revised 2010 guidelines. <i>Epilepsia</i> , 2010, 51, 2322-2333.	5.1	184
10	Brain-responsive neurostimulation in patients with medically intractable seizures arising from eloquent and other neocortical areas. <i>Epilepsia</i> , 2017, 58, 1005-1014.	5.1	182
11	Lateralization of mesial temporal lobe epilepsy with chronic ambulatory electrocorticography. <i>Epilepsia</i> , 2015, 56, 959-967.	5.1	177
12	Functional anatomy of limbic epilepsy: a proposal for central synchronization of a diffusely hyperexcitable network. <i>Epilepsy Research</i> , 1998, 32, 194-205.	1.6	162
13	Sleep Deprivation Activates Epileptiform Discharges Independent of the Activating Effects of Sleep. <i>Journal of Clinical Neurophysiology</i> , 1998, 15, 69-75.	1.7	157
14	Efficacy and Safety of Levetiracetam in Children with Partial Seizures: An Open-label Trial. <i>Epilepsia</i> , 2002, 43, 518-524.	5.1	150
15	Pharmacokinetic Study of Levetiracetam in Children. <i>Epilepsia</i> , 2001, 42, 1574-1579.	5.1	148
16	Efficacy of levetiracetam, fosphenytoin, and valproate for established status epilepticus by age group (ESETT): a double-blind, responsive-adaptive, randomised controlled trial. <i>Lancet</i> , The, 2020, 395, 1217-1224.	18.7	143
17	Add-on Cannabidiol Treatment for Drug-Resistant Seizures in Tuberous Sclerosis Complex. <i>JAMA Neurology</i> , 2021, 78, 285.	9.0	139
18	Circadian and ultradian patterns of epileptiform discharges differ by seizure onset location during long-term ambulatory intracranial monitoring. <i>Epilepsia</i> , 2016, 57, 1495-1502.	5.1	134

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19	Effects of Benzodiazepines on Triphasic Waves. <i>Journal of Clinical Neurophysiology</i> , 2001, 18, 345-352.	1.7	111
20	Intravenous lacosamide as replacement for oral lacosamide in patients with partial-onset seizures. <i>Epilepsia</i> , 2008, 49, 418-424.	5.1	111
21	Quality improvement in neurology. <i>Neurology</i> , 2015, 84, 1483-1487.	1.1	83
22	Radiosurgery versus open surgery for mesial temporal lobe epilepsy: The randomized, controlled <scp>ROSE</scp> trial. <i>Epilepsia</i> , 2018, 59, 1198-1207.	5.1	83
23	Examining the Clinical Utility of Lacosamide. <i>CNS Drugs</i> , 2010, 24, 1041-1054.	5.9	77
24	Safety and tolerability of lacosamide as adjunctive therapy for adults with partial-onset seizures: Analysis of data pooled from three randomized, double-blind, placebo-controlled clinical trials. <i>Epilepsy and Behavior</i> , 2015, 52, 119-127.	1.7	70
25	Indications and methodology for video-electroencephalographic studies in the epilepsy monitoring unit. <i>Epilepsia</i> , 2018, 59, 27-36.	5.1	61
26	Copy number variant analysis from exome data in 349 patients with epileptic encephalopathy. <i>Annals of Neurology</i> , 2015, 78, 323-328.	5.3	59
27	Standardized database development for EEG epileptiform transient detection: EEGnet scoring system and machine learning analysis. <i>Journal of Neuroscience Methods</i> , 2013, 212, 308-316.	2.5	56
28	Sudden unexpected death in epilepsy in patients treated with brain-responsive neurostimulation. <i>Epilepsia</i> , 2018, 59, 555-561.	5.1	53
29	Interrater reliability in interpretation of electrocorticographic seizure detections of the responsive neurostimulator. <i>Epilepsia</i> , 2015, 56, 968-971.	5.1	49
30	Responses of Deep Entorhinal Cortex are Epileptiform in an Electrogenic Rat Model of Chronic Temporal Lobe Epilepsy. <i>Journal of Neurophysiology</i> , 1998, 80, 230-240.	1.8	47
31	Quality of life outcome is associated with cessation rather than reduction of psychogenic nonepileptic seizures. <i>Epilepsy and Behavior</i> , 2002, 3, 455-459.	1.7	47
32	Safety and tolerability of adjunctive lacosamide intravenous loading dose in lacosamide-naïve patients with partial-onset seizures. <i>Epilepsia</i> , 2013, 54, 58-65.	5.1	45
33	Prospective assessment of levetiracetam pharmacokinetics during dose escalation in 4- to 12-year-old children with partial-onset seizures on concomitant carbamazepine or valproate. <i>Epilepsy Research</i> , 2007, 74, 60-69.	1.6	44
34	Safety and efficacy of adjunctive lacosamide among patients with partial-onset seizures in a long-term open-label extension trial of up to 8 years. <i>Epilepsy and Behavior</i> , 2014, 41, 164-170.	1.7	43
35	Epilepsy and athletics. <i>Clinics in Sports Medicine</i> , 2003, 22, 605-616.	1.8	40
36	Underdosing of Benzodiazepines in Patients With Status Epilepticus Enrolled in Established Status Epilepticus Treatment Trial. <i>Academic Emergency Medicine</i> , 2019, 26, 940-943.	1.8	39

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37	Patterns of benzodiazepine underdosing in the Established Status Epilepticus Treatment Trial. <i>Epilepsia</i> , 2021, 62, 795-806.	5.1	39
38	Clinical Correlation of Occipital Intermittent Rhythmic Delta Activity. <i>Journal of Clinical Neurophysiology</i> , 2003, 20, 35-41.	1.7	36
39	Electrocorticographic events from long-term ambulatory brain recordings can potentially supplement seizure diaries. <i>Epilepsy Research</i> , 2020, 161, 106302.	1.6	30
40	United States Epilepsy Center Characteristics. <i>Neurology</i> , 2022, 98, .	1.1	28
41	Patient assessment of physician performance of epilepsy quality-of-care measures. <i>Neurology: Clinical Practice</i> , 2012, 2, 335-342.	1.6	21
42	An unusual presentation of anti-CHAC-associated paraneoplastic limbic encephalitis. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 863-866.	2.1	20
43	Epilepsy in Football Players and Other Land-based Contact or Collision Sport Athletes. <i>Current Sports Medicine Reports</i> , 2004, 3, 284-288.	1.2	18
44	Earlier seizure onset and longer epilepsy duration correlate with the degree of temporal hypometabolism in patients with mesial temporal lobe sclerosis. <i>Epilepsy Research</i> , 2017, 138, 105-109.	1.6	18
45	Impact of the COVID-19 Pandemic on Epilepsy Center Practice in the United States. <i>Neurology</i> , 2022, 98, .	1.1	18
46	A Pregnant Pause to Consider Teratogenicity of Topiramate. <i>Epilepsy Currents</i> , 2009, 9, 36-38.	0.8	17
47	A retrospective observational study of current treatment for generalized convulsive status epilepticus. <i>Epilepsy and Behavior</i> , 2014, 37, 95-99.	1.7	16
48	Should Levetiracetam Replace Phenytoin for Seizure Prophylaxis after Neurosurgery?. <i>Epilepsy Currents</i> , 2009, 9, 71-72.	0.8	15
49	Mystical experiences associated with seizures. <i>Religion, Brain and Behavior</i> , 2015, 5, 182-196.	0.7	15
50	Out-of-body experiences associated with seizures. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 65.	2.0	14
51	Diverse genetic causes of polymicrogyria with epilepsy. <i>Epilepsia</i> , 2021, 62, 973-983.	5.1	12
52	Refractory status epilepticus. <i>Neurology</i> , 2014, 82, 650-651.	1.1	11
53	Visual field defects after radiosurgery versus temporal lobectomy for mesial temporal lobe epilepsy: Findings of the ROSE trial. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 63, 62-67.	2.0	11
54	CHOOSING AMONG ANTIEPILEPTIC DRUGS. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2010, 16, 121-135.	0.8	8

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55	Lessons from the Established Status Epilepticus Treatment Trial. <i>Epilepsy and Behavior</i> , 2019, 101, 106296.	1.7	8
56	The association of patient weight and dose of fosphenytoin, levetiracetam, and valproic acid with treatment success in status epilepticus. <i>Epilepsia</i> , 2020, 61, e66-e70.	5.1	8
57	Delivering quality care in epilepsy. <i>Current Opinion in Neurology</i> , 2013, 26, 174-178.	3.6	5
58	Considerations for determining the efficacy of new antiseizure medications in children age 1 month to younger than 2 years. <i>Epilepsia</i> , 2022, 63, 2664-2670.	5.1	4
59	Incidence of seizure exacerbation and injury related to football participation in people with epilepsy. <i>Epilepsy and Behavior</i> , 2020, 104, 106888.	1.7	3
60	Early Exposure of Fosphenytoin, Levetiracetam, and Valproic Acid After High-Dose Intravenous Administration in Young Children With Benzodiazepine-Refractory Status Epilepticus. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 763-768.	2.0	3
61	A critical review of fosphenytoin sodium injection for the treatment of status epilepticus in adults and children. <i>Expert Review of Neurotherapeutics</i> , 2022, 22, 1-13.	2.8	1
62	Update on the use of lacosamide in the treatment of partial-onset seizures. <i>Future Neurology</i> , 2014, 9, 301-312.	0.5	0
63	Standardized mental status testing for nonconvulsive status epilepticus. <i>American Journal of Electroneurodiagnostic Technology</i> , 2004, 44, 199-201.	0.2	0