

# Nicholas S Abend

## List of Publications by Year in descending order

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Version: 2024-02-01

127  
papers

6,672  
citations

66343

42  
h-index

71685

76  
g-index

152  
all docs

152  
docs citations

152  
times ranked

3865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus Statement on Continuous EEG in Critically Ill Adults and Children, Part I. Journal of Clinical Neurophysiology, 2015, 32, 87-95.	1.7	472
2	The American Clinical Neurophysiology Society's Guideline on Continuous Electroencephalography Monitoring in Neonates. Journal of Clinical Neurophysiology, 2011, 28, 611-617.	1.7	403
3	American Clinical Neurophysiology Society's Standardized Critical Care EEG Terminology: 2021 Version. Journal of Clinical Neurophysiology, 2021, 38, 1-29.	1.7	370
4	Proposed consensus definitions for new-onset refractory status epilepticus (NORSE), febrile infection-related epilepsy syndrome (FIRES), and related conditions. Epilepsia, 2018, 59, 739-744.	5.1	308
5	American Clinical Neurophysiology Society Standardized EEG Terminology and Categorization for the Description of Continuous EEG Monitoring in Neonates. Journal of Clinical Neurophysiology, 2013, 30, 161-173.	1.7	289
6	Contemporary Profile of Seizures in Neonates: A Prospective Cohort Study. Journal of Pediatrics, 2016, 174, 98-103.e1.	1.8	218
7	Consensus Statement on Continuous EEG in Critically Ill Adults and Children, Part II. Journal of Clinical Neurophysiology, 2015, 32, 96-108.	1.7	191
8	Electrographic seizures in pediatric ICU patients. Neurology, 2013, 81, 383-391.	1.1	172
9	Electrographic Status Epilepticus Is Associated With Mortality and Worse Short-Term Outcome in Critically Ill Children*. Critical Care Medicine, 2013, 41, 215-223.	0.9	169
10	Use of EEG Monitoring and Management of Non-Convulsive Seizures in Critically Ill Patients: A Survey of Neurologists. Neurocritical Care, 2010, 12, 382-389.	2.4	154
11	Profile of neonatal epilepsies. Neurology, 2017, 89, 893-899.	1.1	145
12	Treatment of Refractory Status Epilepticus: Literature Review and a Proposed Protocol. Pediatric Neurology, 2008, 38, 377-390.	2.1	143
13	Association of Time to Treatment With Short-term Outcomes for Pediatric Patients With Refractory Convulsive Status Epilepticus. JAMA Neurology, 2018, 75, 410.	9.0	139
14	Electrographic status epilepticus and long-term outcome in critically ill children. Neurology, 2014, 82, 396-404.	1.1	131
15	Levetiracetam for Treatment of Neonatal Seizures. Journal of Child Neurology, 2011, 26, 465-470.	1.4	119
16	Pediatric ICU EEG Monitoring. Journal of Clinical Neurophysiology, 2013, 30, 156-160.	1.7	118
17	Subclinical seizures identified by postoperative electroencephalographic monitoring are common after neonatal cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 169-180.	0.8	112
18	Analyzing 2,589 child neurology telehealth encounters necessitated by the COVID-19 pandemic. Neurology, 2020, 95, e1257-e1266.	1.1	108

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19	Time from convulsive status epilepticus onset to anticonvulsant administration in children. <i>Neurology</i> , 2015, 84, 2304-2311.	1.1	101
20	Interobserver Reproducibility of Electroencephalogram Interpretation in Critically Ill Children. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 15-19.	1.7	89
21	Nonconvulsive Status Epilepticus in a Pediatric Intensive Care Unit. <i>Pediatric Neurology</i> , 2007, 37, 165-170.	2.1	87
22	Seizures as a Presenting Symptom of Acute Arterial Ischemic Stroke in Childhood. <i>Journal of Pediatrics</i> , 2011, 159, 479-483.	1.8	86
23	Electrographic seizures and status epilepticus in critically ill children and neonates with encephalopathy. <i>Lancet Neurology</i> , The, 2013, 12, 1170-1179.	10.2	86
24	Impact of Continuous EEG Monitoring on Clinical Management in Critically Ill Children. <i>Neurocritical Care</i> , 2011, 15, 70-75.	2.4	85
25	Gaps and opportunities in refractory status epilepticus research in children: A multi-center approach by the Pediatric Status Epilepticus Research Group (pSERG). <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 87-97.	2.0	84
26	Seizures in Preterm Neonates: A Multicenter Observational Cohort Study. <i>Pediatric Neurology</i> , 2017, 72, 19-24.	2.1	83
27	Neonatal Seizures and Status Epilepticus. <i>Journal of Clinical Neurophysiology</i> , 2012, 29, 441-448.	1.7	72
28	Predicting outcome in children with hypoxic ischemic encephalopathy. <i>Pediatric Critical Care Medicine</i> , 2007, 8, 1-8.	0.5	65
29	Outcome prediction by motor and pupillary responses in children treated with therapeutic hypothermia after cardiac arrest*. <i>Pediatric Critical Care Medicine</i> , 2012, 13, 32-38.	0.5	62
30	Intravenous levetiracetam in critically ill children with status epilepticus or acute repetitive seizures. <i>Pediatric Critical Care Medicine</i> , 2009, 10, 505-510.	0.5	60
31	Electrographic Seizures after Convulsive Status Epilepticus in Children and Young Adults: A Retrospective Multicenter Study. <i>Journal of Pediatrics</i> , 2014, 164, 339-346.e2.	1.8	57
32	Treatment Duration After Acute Symptomatic Seizures in Neonates: A Multicenter Cohort Study. <i>Journal of Pediatrics</i> , 2017, 181, 298-301.e1.	1.8	55
33	Nonconvulsive Electrographic Seizures are Common in Children With Abusive Head Trauma*. <i>Pediatric Critical Care Medicine</i> , 2013, 14, 709-715.	0.5	54
34	Electrographic Seizures in Children and Neonates Undergoing Extracorporeal Membrane Oxygenation. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 249-257.	0.5	54
35	Safety of Early Discontinuation of Antiseizure Medication After Acute Symptomatic Neonatal Seizures. <i>JAMA Neurology</i> , 2021, 78, 817.	9.0	54
36	Incidence and predictors of epilepsy after pediatric arterial ischemic stroke. <i>Neurology</i> , 2017, 88, 630-637.	1.1	52

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37	How Much Does It Cost to Identify a Critically Ill Child Experiencing Electrographic Seizures?. Journal of Clinical Neurophysiology, 2015, 32, 257-264.	1.7	50
38	Neonatal seizure detection using multichannel display of envelope trend. Epilepsia, 2008, 49, 349-352.	5.1	48
39	Electroencephalogram Monitoring in Critically Ill Children: Indications and Strategies. Pediatric Neurology, 2012, 46, 158-161.	2.1	48
40	Electroencephalography monitoring in critically ill children: Current practice and implications for future study design. Epilepsia, 2013, 54, 1419-1427.	5.1	48
41	Impact of an ICU EEG monitoring pathway on timeliness of therapeutic intervention and electrographic seizure termination. Epilepsia, 2016, 57, 786-795.	5.1	46
42	Pediatric status epilepticus management. Current Opinion in Pediatrics, 2014, 26, 668-674.	2.0	44
43	Medical Treatment of Pediatric Status Epilepticus. Seminars in Pediatric Neurology, 2010, 17, 169-175.	2.0	42
44	Development and validation of a seizure prediction model in critically ill children. Seizure: the Journal of the British Epilepsy Association, 2015, 25, 104-111.	2.0	40
45	Early discontinuation of antiseizure medications in neonates with hypoxic-ischemic encephalopathy. Epilepsia, 2017, 58, 1047-1053.	5.1	39
46	Electroencephalographic Monitoring in the Pediatric Intensive Care Unit. Current Neurology and Neuroscience Reports, 2013, 13, 330.	4.2	37
47	Electrographic status epilepticus and neurobehavioral outcomes in critically ill children. Epilepsy and Behavior, 2015, 49, 238-244.	1.7	37
48	Management of Status Epilepticus in Children. Journal of Clinical Medicine, 2016, 5, 47.	2.4	37
49	Development and Feasibility Testing of a Critical Care EEG Monitoring Database for Standardized Clinical Reporting and Multicenter Collaborative Research. Journal of Clinical Neurophysiology, 2016, 33, 133-140.	1.7	35
50	Response to antiseizure medications in neonates with acute symptomatic seizures. Epilepsia, 2019, 60, e20-e24.	5.1	33
51	Secondary Headaches in Children and Adolescents. Seminars in Pediatric Neurology, 2010, 17, 123-133.	2.0	31
52	Anticonvulsant Medications in the Pediatric Emergency Room and Intensive Care Unit. Pediatric Emergency Care, 2008, 24, 705-718.	0.9	30
53	Design and implementation of electronic health record common data elements for pediatric epilepsy: Foundations for a learning health care system. Epilepsia, 2021, 62, 198-216.	5.1	30
54	Refractory status epilepticus in children with and without prior epilepsy or status epilepticus. Neurology, 2017, 88, 386-394.	1.1	27

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55	Quantitative EEG predicts outcomes in children after cardiac arrest. <i>Neurology</i> , 2019, 92, e2329-e2338.	1.1	27
56	Early EEG Features for Outcome Prediction After Cardiac Arrest in Children. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 349-357.	1.7	27
57	Treatment of electrographic seizures and status epilepticus in critically ill children: A single center experience. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013, 22, 467-471.	2.0	26
58	Lupus Anticoagulant and Thrombosis Following Henoch-Schönlein Purpura. <i>Pediatric Neurology</i> , 2007, 36, 345-347.	2.1	24
59	Could EEG Monitoring in Critically Ill Children Be a Cost-effective Neuroprotective Strategy?. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 486-494.	1.7	23
60	High electroencephalographic seizure exposure is associated with unfavorable outcomes in neonates with hypoxic-ischemic encephalopathy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 61, 221-226.	2.0	23
61	Electrographic Seizures and Outcome in Critically Ill Children. <i>Neurology</i> , 2021, 96, .	1.1	23
62	Early-life epilepsy after acute symptomatic neonatal seizures: A prospective multicenter study. <i>Epilepsia</i> , 2021, 62, 1871-1882.	5.1	23
63	Intravenous Levetiracetam Terminates Refractory Focal Status Epilepticus. <i>Neurocritical Care</i> , 2009, 10, 83-86.	2.4	22
64	Electroencephalographic seizures in critically ill children: Management and adverse events. <i>Epilepsia</i> , 2019, 60, 2095-2104.	5.1	21
65	EEG Monitoring during Therapeutic Hypothermia in Neonates, Children, and Adults. <i>American Journal of Electroneurodiagnostic Technology</i> , 2011, 51, 141-164.	0.2	19
66	Neuroprognostication After Pediatric Cardiac Arrest. <i>Pediatric Neurology</i> , 2014, 51, 663-668.e2.	2.1	19
67	Interrater Agreement of EEG Interpretation After Pediatric Cardiac Arrest Using Standardized Critical Care EEG Terminology. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, 534-541.	1.7	19
68	Hospital Emergency Treatment of Convulsive Status Epilepticus: Comparison of Pathways From Ten Pediatric Research Centers. <i>Pediatric Neurology</i> , 2018, 86, 33-41.	2.1	19
69	Timing and modes of death after pediatric out-of-hospital cardiac arrest resuscitation. <i>Resuscitation</i> , 2018, 133, 160-166.	3.0	19
70	Seizure Control in Neonates Undergoing Screening vs Confirmatory EEG Monitoring. <i>Neurology</i> , 2021, 97, e587-e596.	1.1	19
71	Assessing seizure burden in pediatric epilepsy using an electronic medical record-based tool through a common data element approach. <i>Epilepsia</i> , 2021, 62, 1617-1628.	5.1	19
72	Conventional and quantitative EEG in status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 68, 38-45.	2.0	18

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73	Prevalence of Isoelectric Electroencephalography Events in Infants and Young Children Undergoing General Anesthesia. <i>Anesthesia and Analgesia</i> , 2020, 130, 462-471.	2.2	18
74	Development of a model to predict electroencephalographic seizures in critically ill children. <i>Epilepsia</i> , 2020, 61, 498-508.	5.1	18
75	Convulsive and nonconvulsive status epilepticus in children. <i>Current Treatment Options in Neurology</i> , 2009, 11, 262-272.	1.8	17
76	Safety of intravenous lacosamide in critically ill children. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 52, 76-80.	2.0	17
77	Electroencephalographic monitoring for seizure identification and prognosis in term neonates. <i>Seminars in Fetal and Neonatal Medicine</i> , 2018, 23, 168-174.	2.3	17
78	Towards acute pediatric status epilepticus intervention teams: Do we need "Seizure Codes"? <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 58, 133-140.	2.0	17
79	Parent experience of caring for neonates with seizures. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 634-639.	2.8	17
80	Electroencephalographic Response to Deep Hypothermic Circulatory Arrest in Neonatal Swine and Humans. <i>Annals of Thoracic Surgery</i> , 2018, 106, 1841-1846.	1.3	16
81	Risk for infantile spasms after acute symptomatic neonatal seizures. <i>Epilepsia</i> , 2020, 61, 2774-2784.	5.1	16
82	Acceptability of Standardized EEG Reporting in an Electronic Health Record. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 455-461.	1.7	15
83	Association of guideline publication and delays to treatment in pediatric status epilepticus. <i>Neurology</i> , 2020, 95, e1222-e1235.	1.1	15
84	Treatment of Neonatal Seizures: Comparison of Treatment Pathways From 11 Neonatal Intensive Care Units. <i>Pediatric Neurology</i> , 2022, 128, 67-74.	2.1	15
85	Hypodense middle cerebral artery with fat embolus. <i>Neurocritical Care</i> , 2007, 6, 147-148.	2.4	14
86	Subcutaneous Sumatriptan in an Adolescent With Acute Posttraumatic Headache. <i>Journal of Child Neurology</i> , 2008, 23, 438-440.	1.4	14
87	Hospital care for mental health and substance abuse in children with epilepsy. <i>Epilepsy and Behavior</i> , 2016, 57, 161-166.	1.7	14
88	EEG monitoring duration to identify electroencephalographic seizures in critically ill children. <i>Neurology</i> , 2020, 95, e1599-e1608.	1.1	14
89	First-line medication dosing in pediatric refractory status epilepticus. <i>Neurology</i> , 2020, 95, e2683-e2696.	1.1	14
90	A retrospective comparison of phenobarbital and levetiracetam for the treatment of seizures following cardiac surgery in neonates. <i>Epilepsia</i> , 2020, 61, 627-635.	5.1	14

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91	Interrater and Intrarater Agreement in Neonatal Electroencephalogram Background Scoring. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 1-8.	1.7	13
92	Establishing a learning healthcare system to improve health outcomes for people with epilepsy. <i>Epilepsy and Behavior</i> , 2021, 117, 107805.	1.7	13
93	EEG Reactivity Evaluation Practices for Adult and Pediatric Hypoxic-Ischemic Coma Prognostication in North America. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 510-514.	1.7	12
94	Characterization of Death in Infants With Neonatal Seizures. <i>Pediatric Neurology</i> , 2020, 113, 21-25.	2.1	12
95	Validation of a model to predict electroencephalographic seizures in critically ill children. <i>Epilepsia</i> , 2020, 61, 2754-2762.	5.1	12
96	Stability of Early EEG Background Patterns After Pediatric Cardiac Arrest. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 246-250.	1.7	11
97	Multimodal monitoring including early EEG improves stratification of brain injury severity after pediatric cardiac arrest. <i>Resuscitation</i> , 2021, 167, 282-288.	3.0	11
98	Periodic and rhythmic patterns in critically ill children: Incidence, interrater agreement, and seizures. <i>Epilepsia</i> , 2021, 62, 2955-2967.	5.1	11
99	EEG Factors After Pediatric Cardiac Arrest. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 251-255.	1.7	10
100	Unplanned Readmissions of Children With Epilepsy in the United States. <i>Pediatric Neurology</i> , 2020, 108, 93-98.	2.1	10
101	Super-Refractory Status Epilepticus in Children. <i>Pediatric Critical Care Medicine</i> , 2021, Publish Ahead of Print, e613-e625.	0.5	10
102	Family-Centered Care for Children and Families Impacted by Neonatal Seizures: Advice From Parents. <i>Pediatric Neurology</i> , 2021, 124, 26-32.	2.1	9
103	Status Epilepticus Secondary to Hypertensive Encephalopathy as the Presenting Manifestation of Guillain-Barré Syndrome. <i>Pediatric Emergency Care</i> , 2007, 23, 659-661.	0.9	8
104	Vein of Galen Aneurysmal Malformation With Deep Venous Communication and Subarachnoid Hemorrhage. <i>Journal of Child Neurology</i> , 2008, 23, 441-446.	1.4	8
105	Electroencephalographic patterns preceding cardiac arrest in neonates following cardiac surgery. <i>Resuscitation</i> , 2019, 144, 67-74.	3.0	8
106	Ketogenic diet treatment of children in the intensive care unit: Safety, tolerability, and effectiveness. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 80, 242-248.	2.0	8
107	Medical causes of headache in children. <i>Current Pain and Headache Reports</i> , 2007, 11, 401-407.	2.9	7
108	Utility of CT-compatible EEG electrodes in critically ill children. <i>Pediatric Radiology</i> , 2015, 45, 714-718.	2.0	7

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109	Development and Validation of a Seizure Prediction Model in Neonates After Cardiac Surgery. <i>Annals of Thoracic Surgery</i> , 2021, 111, 2041-2048.	1.3	7
110	Machine learning models to predict electroencephalographic seizures in critically ill children. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 87, 61-68.	2.0	7
111	Population Pharmacokinetics of IV Phenobarbital in Neonates After Congenital Heart Surgery. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e557-e565.	0.5	6
112	Benzodiazepine administration patterns before escalation to second-line medications in pediatric refractory convulsive status epilepticus. <i>Epilepsia</i> , 2021, 62, 2766-2777.	5.1	6
113	Why monitor the neonatal brain—that is the important question. <i>Pediatric Research</i> , 2023, 93, 19-21.	2.3	6
114	Population Pharmacokinetics of Phenobarbital in Neonates and Infants on Extracorporeal Membrane Oxygenation and the Influence of Concomitant Renal Replacement Therapy. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 378-387.	2.0	5
115	EEG monitoring during therapeutic hypothermia in neonates, children, and adults. <i>American Journal of Electroneurodiagnostic Technology</i> , 2011, 51, 141-64.	0.2	5
116	Visits of concern in child neurology telemedicine. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 1351-1358.	2.1	5
117	The onset of pediatric refractory status epilepticus is not distributed uniformly during the day. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 70, 90-96.	2.0	4
118	EEG Monitoring After Convulsive Status Epilepticus. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 406-410.	1.7	4
119	Validation of a Model for Targeted EEG Monitoring Duration in Critically Ill Children. <i>Journal of Clinical Neurophysiology</i> , 2023, 40, 589-599.	1.7	4
120	Assessment of midazolam pharmacokinetics in the treatment of status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 81, 310-314.	2.0	3
121	Characteristics of Neonates with Cardiopulmonary Disease Who Experience Seizures: A Multicenter Study. <i>Journal of Pediatrics</i> , 2022, 242, 63-73.	1.8	3
122	Electroencephalographic Reporting for Refractory Status Epilepticus. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 365-370.	1.7	2
123	Video Ambulatory EEG in Children: A Quality Improvement Study. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 271-275.	1.7	2
124	Parent Mental Health and Family Coping over Two Years after the Birth of a Child with Acute Neonatal Seizures. <i>Children</i> , 2022, 9, 2.	1.5	2
125	Time to Treatment in Pediatric Convulsive Refractory Status Epilepticus: The Weekend Effect. <i>Pediatric Neurology</i> , 2021, 120, 71-79.	2.1	0
126	Multicenter Study of the Impact of COVID-19 Shelter-In-Place on Tertiary Hospital-based Care for Pediatric Neurologic Disease. <i>Neurohospitalist, The</i> , 2022, 12, 194187442110630.	0.8	0



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127	Use of Continuous EEG Monitoring and Short-Term Outcomes in Critically Ill Children. Journal of Pediatric Intensive Care, 0, , .	0.8	0