

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	Why monitor the neonatal brain?that is the important question. <i>Pediatric Research</i> , 2023, 93, 19-21.	2.3	6
2	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
3	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
4	Video Ambulatory EEG in Children: A Quality Improvement Study. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 271-275.	1.7	2
5	Characteristics of Neonates with Cardiopulmonary Disease Who Experience Seizures: A Multicenter Study. <i>Journal of Pediatrics</i> , 2022, 242, 63-73.	1.8	3
6	Multicenter Study of the Impact of COVID-19 Shelter-In-Place on Tertiary Hospital-based Care for Pediatric Neurologic Disease. <i>Neurohospitalist</i> , The, 2022, 12, 194187442110630.	0.8	0
7	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
8	Visits of concern in child neurology telemedicine. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 1351-1358.	2.1	5
9	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
10	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
11	American Clinical Neurophysiology Society's Standardized Critical Care EEG Terminology: 2021 Version. <i>Journal of Clinical Neurophysiology</i> , 2021, 38, 1-29.	1.7	370
12	Electrographic Seizures and Outcome in Critically Ill Children. <i>Neurology</i> , 2021, 96, .	1.1	23
13	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
14	Establishing a learning healthcare system to improve health outcomes for people with epilepsy. <i>Epilepsy and Behavior</i> , 2021, 117, 107805.	1.7	13
15	Seizure Control in Neonates Undergoing Screening vs Confirmatory EEG Monitoring. <i>Neurology</i> , 2021, 97, e587-e596.	1.1	19
16	Super-Refractory Status Epilepticus in Children. <i>Pediatric Critical Care Medicine</i> , 2021, Publish Ahead of Print, e613-e625.	0.5	10
17	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
18	Time to Treatment in Pediatric Convulsive Refractory Status Epilepticus: The Weekend Effect. <i>Pediatric Neurology</i> , 2021, 120, 71-79.	2.1	0

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19	Safety of Early Discontinuation of Antiseizure Medication After Acute Symptomatic Neonatal Seizures. <i>JAMA Neurology</i> , 2021, 78, 817.	9.0	54
20	Early-life epilepsy after acute symptomatic neonatal seizures: A prospective multicenter study. <i>Epilepsia</i> , 2021, 62, 1871-1882.	5.1	23
21	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
22	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
23	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
24	Design and implementation of electronic health record common data elements for pediatric epilepsy: Foundations for a learning health care system. <i>Epilepsia</i> , 2021, 62, 198-216.	5.1	30
25	Periodic and rhythmic patterns in critically ill children: Incidence, interrater agreement, and seizures. <i>Epilepsia</i> , 2021, 62, 2955-2967.	5.1	11
26	Acceptability of Standardized EEG Reporting in an Electronic Health Record. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 455-461.	1.7	15
27	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
28	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
29	Risk for infantile spasms after acute symptomatic neonatal seizures. <i>Epilepsia</i> , 2020, 61, 2774-2784.	5.1	16
30	Characterization of Death in Infants With Neonatal Seizures. <i>Pediatric Neurology</i> , 2020, 113, 21-25.	2.1	12
31	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
32	EEG monitoring duration to identify electroencephalographic seizures in critically ill children. <i>Neurology</i> , 2020, 95, e1599-e1608.	1.1	14
33	Validation of a model to predict electroencephalographic seizures in critically ill children. <i>Epilepsia</i> , 2020, 61, 2754-2762.	5.1	12
34	EEG Monitoring After Convulsive Status Epilepticus. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 406-410.	1.7	4
35	Population Pharmacokinetics of IV Phenobarbital in Neonates After Congenital Heart Surgery. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e557-e565.	0.5	6
36	First-line medication dosing in pediatric refractory status epilepticus. <i>Neurology</i> , 2020, 95, e2683-e2696.	1.1	14

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37	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
38	Analyzing 2,589 child neurology telehealth encounters necessitated by the COVID-19 pandemic. <i>Neurology</i> , 2020, 95, e1257-e1266.	1.1	108
39	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
40	Association of guideline publication and delays to treatment in pediatric status epilepticus. <i>Neurology</i> , 2020, 95, e1222-e1235.	1.1	15
41	Development of a model to predict electroencephalographic seizures in critically ill children. <i>Epilepsia</i> , 2020, 61, 498-508.	5.1	18
42	Unplanned Readmissions of Children With Epilepsy in the United States. <i>Pediatric Neurology</i> , 2020, 108, 93-98.	2.1	10
43	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
44	Electroencephalographic seizures in critically ill children: Management and adverse events. <i>Epilepsia</i> , 2019, 60, 2095-2104.	5.1	21
45	Electroencephalographic patterns preceding cardiac arrest in neonates following cardiac surgery. <i>Resuscitation</i> , 2019, 144, 67-74.	3.0	8
46	Quantitative EEG predicts outcomes in children after cardiac arrest. <i>Neurology</i> , 2019, 92, e2329-e2338.	1.1	27
47	Response to antiseizure medications in neonates with acute symptomatic seizures. <i>Epilepsia</i> , 2019, 60, e20-e24.	5.1	33
48	Interrater and Intrarater Agreement in Neonatal Electroencephalogram Background Scoring. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 1-8.	1.7	13
49	Electroencephalographic Reporting for Refractory Status Epilepticus. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 365-370.	1.7	2
50	Early EEG Features for Outcome Prediction After Cardiac Arrest in Children. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 349-357.	1.7	27
51	Conventional and quantitative EEG in status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 68, 38-45.	2.0	18
52	Stability of Early EEG Background Patterns After Pediatric Cardiac Arrest. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 246-250.	1.7	11
53	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
54	Proposed consensus definitions for new-onset refractory status epilepticus (NORSE), febrile infection-related epilepsy syndrome (FIRES), and related conditions. <i>Epilepsia</i> , 2018, 59, 739-744.	5.1	308

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55	EEG Factors After Pediatric Cardiac Arrest. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 251-255.	1.7	10
56	Association of Time to Treatment With Short-term Outcomes for Pediatric Patients With Refractory Convulsive Status Epilepticus. <i>JAMA Neurology</i> , 2018, 75, 410.	9.0	139
57	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
58	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
59	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
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	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
62	Timing and modes of death after pediatric out-of-hospital cardiac arrest resuscitation. <i>Resuscitation</i> , 2018, 133, 160-166.	3.0	19
63	Incidence and predictors of epilepsy after pediatric arterial ischemic stroke. <i>Neurology</i> , 2017, 88, 630-637.	1.1	52
64	Early discontinuation of antiseizure medications in neonates with hypoxic-ischemic encephalopathy. <i>Epilepsia</i> , 2017, 58, 1047-1053.	5.1	39
65	Seizures in Preterm Neonates: A Multicenter Observational Cohort Study. <i>Pediatric Neurology</i> , 2017, 72, 19-24.	2.1	83
66	Electrographic Seizures in Children and Neonates Undergoing Extracorporeal Membrane Oxygenation. <i>Pediatric Critical Care Medicine</i> , 2017, 18, 249-257.	0.5	54
67	Refractory status epilepticus in children with and without prior epilepsy or status epilepticus. <i>Neurology</i> , 2017, 88, 386-394.	1.1	27
68	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
69	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
70	Profile of neonatal epilepsies. <i>Neurology</i> , 2017, 89, 893-899.	1.1	145
71	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
72	Management of Status Epilepticus in Children. <i>Journal of Clinical Medicine</i> , 2016, 5, 47.	2.4	37

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73	Development and Feasibility Testing of a Critical Care EEG Monitoring Database for Standardized Clinical Reporting and Multicenter Collaborative Research. <i>Journal of Clinical Neurophysiology</i> , 2016, 33, 133-140.	1.7	35
74	Impact of an ICU EEG monitoring pathway on timeliness of therapeutic intervention and electrographic seizure termination. <i>Epilepsia</i> , 2016, 57, 786-795.	5.1	46
75	Contemporary Profile of Seizures in Neonates: A Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2016, 174, 98-103.e1.	1.8	218
76	Hospital care for mental health and substance abuse in children with epilepsy. <i>Epilepsy and Behavior</i> , 2016, 57, 161-166.	1.7	14
77	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
78	How Much Does It Cost to Identify a Critically Ill Child Experiencing Electrographic Seizures?. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 257-264.	1.7	50
79	Consensus Statement on Continuous EEG in Critically Ill Adults and Children, Part I. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 87-95.	1.7	472
80	Electrographic status epilepticus and neurobehavioral outcomes in critically ill children. <i>Epilepsy and Behavior</i> , 2015, 49, 238-244.	1.7	37
81	Utility of CT-compatible EEG electrodes in critically ill children. <i>Pediatric Radiology</i> , 2015, 45, 714-718.	2.0	7
82	Time from convulsive status epilepticus onset to anticonvulsant administration in children. <i>Neurology</i> , 2015, 84, 2304-2311.	1.1	101
83	Consensus Statement on Continuous EEG in Critically Ill Adults and Children, Part II. <i>Journal of Clinical Neurophysiology</i> , 2015, 32, 96-108.	1.7	191
84	Development and validation of a seizure prediction model in critically ill children. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 25, 104-111.	2.0	40
85	Subclinical seizures identified by postoperative electroencephalographic monitoring are common after neonatal cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015, 150, 169-180.	0.8	112
86	Pediatric status epilepticus management. <i>Current Opinion in Pediatrics</i> , 2014, 26, 668-674.	2.0	44
87	Electrographic status epilepticus and long-term outcome in critically ill children. <i>Neurology</i> , 2014, 82, 396-404.	1.1	131
88	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
89	Neuroprognostication After Pediatric Cardiac Arrest. <i>Pediatric Neurology</i> , 2014, 51, 663-668.e2.	2.1	19
90	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

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91	Electroencephalography monitoring in critically ill children: Current practice and implications for future study design. <i>Epilepsia</i> , 2013, 54, 1419-1427.	5.1	48
92	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
93	Electroencephalographic Monitoring in the Pediatric Intensive Care Unit. <i>Current Neurology and Neuroscience Reports</i> , 2013, 13, 330.	4.2	37
94	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
95	Nonconvulsive Electrographic Seizures are Common in Children With Abusive Head Trauma*. <i>Pediatric Critical Care Medicine</i> , 2013, 14, 709-715.	0.5	54
96	American Clinical Neurophysiology Society Standardized EEG Terminology and Categorization for the Description of Continuous EEG Monitoring in Neonates. <i>Journal of Clinical Neurophysiology</i> , 2013, 30, 161-173.	1.7	289
97	Electrographic seizures in pediatric ICU patients. <i>Neurology</i> , 2013, 81, 383-391.	1.1	172
98	Pediatric ICU EEG Monitoring. <i>Journal of Clinical Neurophysiology</i> , 2013, 30, 156-160.	1.7	118
99	Electrographic Status Epilepticus Is Associated With Mortality and Worse Short-Term Outcome in Critically Ill Children*. <i>Critical Care Medicine</i> , 2013, 41, 215-223.	0.9	169
100	Neonatal Seizures and Status Epilepticus. <i>Journal of Clinical Neurophysiology</i> , 2012, 29, 441-448.	1.7	72
101	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
102	Electroencephalogram Monitoring in Critically Ill Children: Indications and Strategies. <i>Pediatric Neurology</i> , 2012, 46, 158-161.	2.1	48
103	Interobserver Reproducibility of Electroencephalogram Interpretation in Critically Ill Children. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 15-19.	1.7	89
104	EEG Monitoring during Therapeutic Hypothermia in Neonates, Children, and Adults. <i>American Journal of Electroneurodiagnostic Technology</i> , 2011, 51, 141-164.	0.2	19
105	Seizures as a Presenting Symptom of Acute Arterial Ischemic Stroke in Childhood. <i>Journal of Pediatrics</i> , 2011, 159, 479-483.	1.8	86
106	Impact of Continuous EEG Monitoring on Clinical Management in Critically Ill Children. <i>Neurocritical Care</i> , 2011, 15, 70-75.	2.4	85
107	The American Clinical Neurophysiology Society's Guideline on Continuous Electroencephalography Monitoring in Neonates. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 611-617.	1.7	403
108	Levetiracetam for Treatment of Neonatal Seizures. <i>Journal of Child Neurology</i> , 2011, 26, 465-470.	1.4	119

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109	EEG monitoring during therapeutic hypothermia in neonates, children, and adults. American Journal of Electroneurodiagnostic Technology, 2011, 51, 141-64.	0.2	5
110	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
111	Secondary Headaches in Children and Adolescents. Seminars in Pediatric Neurology, 2010, 17, 123-133.	2.0	31
112	Medical Treatment of Pediatric Status Epilepticus. Seminars in Pediatric Neurology, 2010, 17, 169-175.	2.0	42
113	Convulsive and nonconvulsive status epilepticus in children. Current Treatment Options in Neurology, 2009, 11, 262-272.	1.8	17
114	Intravenous Levetiracetam Terminates Refractory Focal Status Epilepticus. Neurocritical Care, 2009, 10, 83-86.	2.4	22
115	Intravenous levetiracetam in critically ill children with status epilepticus or acute repetitive seizures. Pediatric Critical Care Medicine, 2009, 10, 505-510.	0.5	60
116	Neonatal seizure detection using multichannel display of envelope trend. Epilepsia, 2008, 49, 349-352.	5.1	48
117	Treatment of Refractory Status Epilepticus: Literature Review and a Proposed Protocol. Pediatric Neurology, 2008, 38, 377-390.	2.1	143
118	Vein of Galen Aneurysmal Malformation With Deep Venous Communication and Subarachnoid Hemorrhage. Journal of Child Neurology, 2008, 23, 441-446.	1.4	8
119	Subcutaneous Sumatriptan in an Adolescent With Acute Posttraumatic Headache. Journal of Child Neurology, 2008, 23, 438-440.	1.4	14
120	Anticonvulsant Medications in the Pediatric Emergency Room and Intensive Care Unit. Pediatric Emergency Care, 2008, 24, 705-718.	0.9	30
121	Predicting outcome in children with hypoxic ischemic encephalopathy. Pediatric Critical Care Medicine, 2007, 8, 1-8.	0.5	65
122	Status Epilepticus Secondary to Hypertensive Encephalopathy as the Presenting Manifestation of Guillain-Barré Syndrome. Pediatric Emergency Care, 2007, 23, 659-661.	0.9	8
123	Lupus Anticoagulant and Thrombosis Following Henoch-Schönlein Purpura. Pediatric Neurology, 2007, 36, 345-347.	2.1	24
124	Nonconvulsive Status Epilepticus in a Pediatric Intensive Care Unit. Pediatric Neurology, 2007, 37, 165-170.	2.1	87
125	Medical causes of headache in children. Current Pain and Headache Reports, 2007, 11, 401-407.	2.9	7
126	Hypodense middle cerebral artery with fat embolus. Neurocritical Care, 2007, 6, 147-148.	2.4	14

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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