

# RenÅ©e A Shellhaas

## List of Publications by Year in descending order

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129  
papers

6,673  
citations

101384

36  
h-index

69108

77  
g-index

135  
all docs

135  
docs citations

135  
times ranked

7244  
citing authors

#	ARTICLE	IF	CITATIONS
1	De novo mutations in epileptic encephalopathies. <i>Nature</i> , 2013, 501, 217-221.	13.7	1,351
2	Cannabidiol in patients with seizures associated with Lennox-Gastaut syndrome (GWPCARE4): a randomised, double-blind, placebo-controlled phase 3 trial. <i>Lancet, The</i> , 2018, 391, 1085-1096.	6.3	648
3	The American Clinical Neurophysiology Society's Guideline on Continuous Electroencephalography Monitoring in Neonates. <i>Journal of Clinical Neurophysiology</i> , 2011, 28, 611-617.	0.9	403
4	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.	0.9	289
5	Sensitivity of Amplitude-Integrated Electroencephalography for Neonatal Seizure Detection. <i>Pediatrics</i> , 2007, 120, 770-777.	1.0	255
6	Contemporary Profile of Seizures in Neonates: A Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2016, 174, 98-103.e1.	0.9	218
7	Mimics of Childhood Stroke: Characteristics of a Prospective Cohort. <i>Pediatrics</i> , 2006, 118, 704-709.	1.0	203
8	Response to treatment in a prospective national infantile spasms cohort. <i>Annals of Neurology</i> , 2016, 79, 475-484.	2.8	182
9	Profile of neonatal epilepsies. <i>Neurology</i> , 2017, 89, 893-899.	1.5	145
10	Characterization of neonatal seizures by conventional EEG and single-channel EEG. <i>Clinical Neurophysiology</i> , 2007, 118, 2156-2161.	0.7	135
11	How should children with West syndrome be efficiently and accurately investigated? Results from the National Infantile Spasms Consortium. <i>Epilepsia</i> , 2015, 56, 617-625.	2.6	130
12	Early-Life Epilepsies and the Emerging Role of Genetic Testing. <i>JAMA Pediatrics</i> , 2017, 171, 863.	3.3	125
13	Risk factors for EEG seizures in neonates treated with hypothermia. <i>Neurology</i> , 2014, 82, 1239-1244.	1.5	103
14	Seizures in Preterm Neonates: A Multicenter Observational Cohort Study. <i>Pediatric Neurology</i> , 2017, 72, 19-24.	1.0	83
15	Assessment of Neonatal Electroencephalography (EEG) Background by Conventional and Two Amplitude-Integrated EEG Classification Systems. <i>Journal of Pediatrics</i> , 2008, 153, 369-374.	0.9	70
16	Mosaic mutations in early-onset genetic diseases. <i>Genetics in Medicine</i> , 2016, 18, 746-749.	1.1	70
17	Prevalence and Risk Factors for Vitamin D Insufficiency Among Children With Epilepsy. <i>Pediatric Neurology</i> , 2010, 42, 422-426.	1.0	65
18	How to improve sleep in a neonatal intensive care unit: A systematic review. <i>Early Human Development</i> , 2017, 113, 78-86.	0.8	62

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19	Cognitive Outcomes in Febrile Infection-Related Epilepsy Syndrome Treated With the Ketogenic Diet. <i>Pediatrics</i> , 2014, 134, e1431-e1435.	1.0	59
20	Continuous long-term electroencephalography: The gold standard for neonatal seizure diagnosis. <i>Seminars in Fetal and Neonatal Medicine</i> , 2015, 20, 149-153.	1.1	58
21	Response to second treatment after initial failed treatment in a multicenter prospective infantile spasms cohort. <i>Epilepsia</i> , 2016, 57, 1834-1842.	2.6	58
22	Amplitude-Integrated Electro-encephalography. <i>Journal of Child Neurology</i> , 2013, 28, 1342-1350.	0.7	57
23	Population Pharmacokinetics of Phenobarbital in Infants With Neonatal Encephalopathy Treated With Therapeutic Hypothermia*. <i>Pediatric Critical Care Medicine</i> , 2013, 14, 194-202.	0.2	55
24	The impact of hypsarrhythmia on infantile spasms treatment response: Observational cohort study from the National Infantile Spasms Consortium. <i>Epilepsia</i> , 2017, 58, 2098-2103.	2.6	55
25	Treatment Duration After Acute Symptomatic Seizures in Neonates: A Multicenter Cohort Study. <i>Journal of Pediatrics</i> , 2017, 181, 298-301.e1.	0.9	55
26	Safety of Early Discontinuation of Antiseizure Medication After Acute Symptomatic Neonatal Seizures. <i>JAMA Neurology</i> , 2021, 78, 817.	4.5	54
27	Vitamin D and Bone Health Among Children With Epilepsy. <i>Pediatric Neurology</i> , 2010, 42, 385-393.	1.0	51
28	Neonatal Sleep-Wake Analyses Predict 18-month Neurodevelopmental Outcomes. <i>Sleep</i> , 2017, 40, .	0.6	50
29	Care Delivery for Children With Epilepsy During the COVID-19 Pandemic: An International Survey of Clinicians. <i>Journal of Child Neurology</i> , 2020, 35, 924-933.	0.7	48
30	Impact of hands-on care on infant sleep in the neonatal intensive care unit. <i>Pediatric Pulmonology</i> , 2017, 52, 84-90.	1.0	47
31	Outcomes after acute symptomatic seizures in neonates. <i>Seminars in Fetal and Neonatal Medicine</i> , 2018, 23, 218-222.	1.1	45
32	Routine Neuroimaging of the Preterm Brain. <i>Pediatrics</i> , 2020, 146, .	1.0	45
33	Management of Common Neurologic Symptoms in Pediatric Palliative Care: Seizures, Agitation, and Spasticity. <i>Pediatric Clinics of North America</i> , 2007, 54, 709-733.	0.9	44
34	Treatment adherence among adolescents with epilepsy: What really matters?. <i>Epilepsy and Behavior</i> , 2013, 27, 59-63.	0.9	43
35	Impact of Amplitude-Integrated Electroencephalograms on Clinical Care for Neonates With Seizures. <i>Pediatric Neurology</i> , 2012, 46, 32-35.	1.0	41
36	Interrater agreement in the interpretation of neonatal electroencephalography in hypoxic-ischemic encephalopathy. <i>Epilepsia</i> , 2017, 58, 429-435.	2.6	40

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37	How can transition to adult care be best orchestrated for adolescents with epilepsy?. <i>Epilepsy and Behavior</i> , 2019, 93, 138-147.	0.9	39
38	Quality Improvement Initiative to Reduce Pediatric Intensive Care Unit Noise Pollution With the Use of a Pediatric Delirium Bundle. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 383-390.	1.3	39
39	Early EEG improvement after ketogenic diet initiation. <i>Epilepsy Research</i> , 2011, 94, 94-101.	0.8	37
40	Neuropharmacology in Pediatric Brain Injury: A Review. <i>PM and R</i> , 2010, 2, 1127-1140.	0.9	36
41	Seizure classification, etiology, and management. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019, 162, 347-361.	1.0	34
42	Limited short-term prognostic utility of cerebral NIRS during neonatal therapeutic hypothermia. <i>Neurology</i> , 2013, 81, 249-255.	1.5	33
43	An Evaluation of Cerebral and Systemic Predictors of 18-Month Outcomes for Neonates With Hypoxic Ischemic Encephalopathy. <i>Journal of Child Neurology</i> , 2015, 30, 1526-1531.	0.7	33
44	Response to antiseizure medications in neonates with acute symptomatic seizures. <i>Epilepsia</i> , 2019, 60, e20-e24.	2.6	33
45	Management of Infantile Spasms During the COVID-19 Pandemic. <i>Journal of Child Neurology</i> , 2020, 35, 828-834.	0.7	33
46	Comparative Effectiveness of Levetiracetam vs Phenobarbital for Infantile Epilepsy. <i>JAMA Pediatrics</i> , 2018, 172, 352.	3.3	30
47	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.	2.6	30
48	Why West? Comparisons of clinical, genetic and molecular features of infants with and without spasms. <i>PLoS ONE</i> , 2018, 13, e0193599.	1.1	28
49	Immediate outcomes in early life epilepsy: A contemporary account. <i>Epilepsy and Behavior</i> , 2019, 97, 44-50.	0.9	27
50	Acute Symptomatic Seizures in Neonates. <i>Seminars in Pediatric Neurology</i> , 2019, 32, 100768.	1.0	25
51	Knowledge of Epilepsy and Preferred Sources of Information Among Elementary School Teachers. <i>Journal of Child Neurology</i> , 2013, 28, 740-744.	0.7	23
52	Impact of NICU design on environmental noise. <i>Journal of Neonatal Nursing</i> , 2014, 20, 77-81.	0.3	23
53	Neuroimaging of Early Life Epilepsy. <i>Pediatrics</i> , 2018, 142, .	1.0	23
54	Early-life epilepsy after acute symptomatic neonatal seizures: A prospective multicenter study. <i>Epilepsia</i> , 2021, 62, 1871-1882.	2.6	23

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55	Quantitative sleep stage analyses as a window to neonatal neurologic function. <i>Neurology</i> , 2014, 82, 390-395.	1.5	22
56	Novel study design to assess the efficacy and tolerability of antiseizure medications for focal-onset seizures in infants and young children: A consensus document from the regulatory task force and the pediatric commission of the International League against Epilepsy (ILAE), in collaboration with the Pediatric Epilepsy Research Consortium (PERC). <i>Epilepsia Open</i> , 2019, 4, 537-543.	1.3	20
57	Maternal Voice and Infant Sleep in the Neonatal Intensive Care Unit. <i>Pediatrics</i> , 2019, 144, e20190288.	1.0	20
58	Electrographic Seizures and Brain Injury in Children Requiring Extracorporeal Membrane Oxygenation. <i>Pediatric Neurology</i> , 2020, 108, 77-85.	1.0	20
59	Bone Health and Endocrine Comorbidities in Pediatric Epilepsy. <i>Seminars in Pediatric Neurology</i> , 2017, 24, 301-309.	1.0	19
60	Seizure Control in Neonates Undergoing Screening vs Confirmatory EEG Monitoring. <i>Neurology</i> , 2021, 97, e587-e596.	1.5	19
61	Comparative Effectiveness of Initial Treatment for Infantile Spasms in a Contemporary US Cohort. <i>Neurology</i> , 2021, 97, .	1.5	19
62	Initial Treatment for Nonsyndromic Early-Life Epilepsy: An Unexpected Consensus. <i>Pediatric Neurology</i> , 2017, 75, 73-79.	1.0	18
63	Sleep-Disordered Breathing among Newborns with Myelomeningocele. <i>Journal of Pediatrics</i> , 2018, 194, 244-247.e1.	0.9	18
64	Cerebral Oxygenation of Premature Lambs Supported by an Artificial Placenta. <i>ASAIO Journal</i> , 2018, 64, 552-556.	0.9	18
65	Neonatal Seizures: Diagnosis, Etiologies, and Management. <i>Seminars in Neurology</i> , 2020, 40, 246-256.	0.5	18
66	Arrhythmogenic Channelopathy Syndromes Presenting as Refractory Epilepsy. <i>Pediatric Neurology</i> , 2013, 49, 134-137.	1.0	17
67	<sc>L</sc>ennoxâ€<sc>G</sc>astaut syndrome of unknown cause: Phenotypic characteristics of patients in the <sc>E</sc>pilepsy <sc>P</sc>henome/<sc>G</sc>enome <sc>P</sc>roject. <i>Epilepsia</i> , 2013, 54, 1898-1904.	2.6	17
68	Parent experience of caring for neonates with seizures. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 634-639.	1.4	17
69	Risk for infantile spasms after acute symptomatic neonatal seizures. <i>Epilepsia</i> , 2020, 61, 2774-2784.	2.6	16
70	Neurologists and COVID-19. <i>Neurology</i> , 2020, 94, 855-857.	1.5	16
71	Implementation of a Standardized Seizure Action Plan to Improve Communication and Parental Education. <i>Pediatric Neurology</i> , 2020, 112, 56-63.	1.0	15
72	Associations between Infant and Parent Characteristics and Measures of Family Well-Being in Neonates with Seizures: A Cohort Study. <i>Journal of Pediatrics</i> , 2020, 221, 64-71.e4.	0.9	15

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73	Treatment of Neonatal Seizures: Comparison of Treatment Pathways From 11 Neonatal Intensive Care Units. <i>Pediatric Neurology</i> , 2022, 128, 67-74.	1.0	15
74	Improving the mental health of adolescents with epilepsy through a group cognitive behavioral therapy program. <i>Epilepsy and Behavior</i> , 2014, 39, 130-134.	0.9	14
75	Acoustic environment profile of the neonatal intensive care unit: High ambient noise and limited language exposure. <i>Journal of Neonatal Nursing</i> , 2016, 22, 159-162.	0.3	14
76	How do we diagnose and treat epilepsy with myoclonic-atonic seizures (Doose syndrome)? Results of the Pediatric Epilepsy Research Consortium survey. <i>Epilepsy Research</i> , 2018, 144, 14-19.	0.8	14
77	Thrombocytopenia in pediatric patients on concurrent cannabidiol and valproic acid. <i>Epilepsia</i> , 2020, 61, e85-e89.	2.6	13
78	Crisis Standard of Care: Management of Infantile Spasms during COVID-19. <i>Annals of Neurology</i> , 2020, 88, 215-217.	2.8	13
79	Continuous Electroencephalography Monitoring in Neonates. <i>Current Neurology and Neuroscience Reports</i> , 2012, 12, 429-435.	2.0	12
80	Characterization of Death in Infants With Neonatal Seizures. <i>Pediatric Neurology</i> , 2020, 113, 21-25.	1.0	12
81	Early Electroencephalogram Background Could Guide Tailored Duration of Monitoring for Neonatal Encephalopathy Treated with Therapeutic Hypothermia. <i>Journal of Pediatrics</i> , 2020, 221, 81-87.e1.	0.9	12
82	Proposal for an updated seizure classification framework in clinical trials. <i>Epilepsia</i> , 2022, 63, 565-572.	2.6	12
83	Phenobarbital and neonatal seizures affect cerebral oxygen metabolism: a near-infrared spectroscopy study. <i>Pediatric Research</i> , 2015, 78, 91-96.	1.1	11
84	Sedation and Analgesia Influence Electroencephalography Monitoring in Pediatric Neurocritical Care. <i>Pediatric Neurology</i> , 2018, 87, 57-64.	1.0	11
85	Management of seizures in neonates with neonatal encephalopathy treated with hypothermia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101279.	1.1	11
86	Advanced Treatments for Childhood Epilepsy. <i>JAMA Pediatrics</i> , 2013, 167, 76.	3.3	10
87	Treatment Practices and Outcomes in Continuous Spike and Wave during Slow Wave Sleep: A Multicenter Collaboration. <i>Journal of Pediatrics</i> , 2021, 232, 220-228.e3.	0.9	10
88	An evaluation of national birth certificate data for neonatal seizure epidemiology. <i>Epilepsia</i> , 2017, 58, 446-455.	2.6	9
89	Family-Centered Care for Children and Families Impacted by Neonatal Seizures: Advice From Parents. <i>Pediatric Neurology</i> , 2021, 124, 26-32.	1.0	9
90	Subdural Hemorrhages Associated With Antithrombotic Therapy in Infants With Cerebral Atrophy. <i>Pediatrics</i> , 2014, 134, e889-e893.	1.0	8

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91	Diagnostic yield of continuous video electroencephalography for paroxysmal vital sign changes in pediatric patients. <i>Epilepsia</i> , 2016, 57, 272-278.	2.6	8
92	Seizures and Antiseizure Medications are Important to Parents of Newborns With Seizures. <i>Pediatric Neurology</i> , 2017, 67, 40-44.	1.0	8
93	Sleep-disordered breathing is common among term and near term infants in the NICU. <i>Pediatric Pulmonology</i> , 2019, 54, 557-562.	1.0	8
94	Clinical Use and Efficacy of Levetiracetam for Absence Epilepsies. <i>Journal of Child Neurology</i> , 2019, 34, 94-98.	0.7	8
95	Epileptiform discharges. <i>Neurology</i> , 2020, 94, 862-863.	1.5	8
96	Neonatal seizures reach the mainstream: The ILAE classification of seizures in the neonate. <i>Epilepsia</i> , 2021, 62, 629-631.	2.6	7
97	Novel Therapeutics for Neonatal Seizures. <i>Neurotherapeutics</i> , 2021, 18, 1564-1581.	2.1	7
98	Inequities in Therapy for Infantile Spasms: A Call to Action. <i>Annals of Neurology</i> , 2022, 92, 32-44.	2.8	7
99	Lateralized neonatal EEG coherence during sleep predicts language outcome. <i>Pediatric Research</i> , 2022, 91, 962-969.	1.1	6
100	Benzodiazepine administration patterns before escalation to second-line medications in pediatric refractory convulsive status epilepticus. <i>Epilepsia</i> , 2021, 62, 2766-2777.	2.6	6
101	Gene-Targeted Therapies in Pediatric Neurology: Challenges and Opportunities in Diagnosis and Delivery. <i>Pediatric Neurology</i> , 2021, 125, 53-57.	1.0	6
102	Levetiracetam Prophylaxis for Children Admitted With Traumatic Brain Injury. <i>Pediatric Neurology</i> , 2022, 126, 114-119.	1.0	6
103	Why monitor the neonatal brain—that is the important question. <i>Pediatric Research</i> , 2023, 93, 19-21.	1.1	6
104	Epilepsy Characteristics and Psychosocial Factors Associated With Ketogenic Diet Success. <i>Journal of Child Neurology</i> , 2013, 28, 1233-1237.	0.7	5
105	Associations between age and sleep apnea risk among newborn infants. <i>Pediatric Pulmonology</i> , 2019, 54, 1297-1303.	1.0	5
106	Comparison of Cosyntropin, Vigabatrin, and Combination Therapy in New-Onset Infantile Spasms in a Prospective Randomized Trial. <i>Journal of Child Neurology</i> , 2022, 37, 186-193.	0.7	5
107	Sleep-Wake Cycling and Cerebral Oxygen Metabolism Among Critically Ill Neonates. <i>Journal of Child Neurology</i> , 2014, 29, 530-533.	0.7	4
108	Message From the Editors to Our Reviewers. <i>Neurology</i> , 2021, 96, 1-9.	1.5	4

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109	Sleep of infants and toddlers during 12 months of the COVID-19 pandemic in the midwestern United States. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 1225-1234.	1.4	4
110	Risk factors for EEG seizures in neonates treated with hypothermia: A multicenter cohort study. <i>Neurology</i> , 2014, 83, 1773-1774.	1.5	3
111	Medication selection, health services outcomes, and cost trajectories for Medicaid beneficiaries with infantile spasms. <i>Epilepsy Research</i> , 2021, 176, 106733.	0.8	3
112	Characteristics of Neonates with Cardiopulmonary Disease Who Experience Seizures: A Multicenter Study. <i>Journal of Pediatrics</i> , 2022, 242, 63-73.	0.9	3
113	Parent-Reported Sleep Profile of Children With Early-Life Epilepsies. <i>Pediatric Neurology</i> , 2022, 128, 9-15.	1.0	3
114	Hallucinations and Reversed Cerebral Dominance in Mesial Temporal Sclerosis. <i>Pediatric Neurology</i> , 2011, 45, 121-124.	1.0	2
115	Seizure Severity and Treatment Response in Newborn Infants with Seizures Attributed to Intracranial Hemorrhage. <i>Journal of Pediatrics</i> , 2021, , .	0.9	2
116	Impact of COVID-19 Pandemic on Developmental Service Delivery in Children With a History of Neonatal Seizures. <i>Pediatric Neurology</i> , 2022, 129, 14-18.	1.0	2
117	Neonatal Seizure Management: What Is Timely Treatment and Does It Influence Neurodevelopment?. <i>Journal of Pediatrics</i> , 2022, 243, 7-8.	0.9	2
118	Pediatric Epilepsy Learning Healthcare System Quality of Life (PELHSA-QOLAE2): A novel health-related quality of life prompt for children with epilepsy. <i>Epilepsia</i> , 2022, 63, 672-685.	2.6	2
119	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.	0.6	2
120	Comment on "Maternal smoking, alcohol drinking, and febrile convulsion": Seizure: the Journal of the British Epilepsy Association, 2008, 17, 750-751.	0.9	1
121	Editorial. <i>Seminars in Fetal and Neonatal Medicine</i> , 2018, 23, 157-158.	1.1	1
122	Comparative Effectiveness of Phenobarbital versus Levetiracetam for Infantile Epilepsy. <i>Pediatric Neurology</i> , 2019, 100, 105.	1.0	1
123	Arterial ischemic perinatal stroke. <i>Journal of Pediatric Neurology</i> , 2015, 08, 251-258.	0.0	0
124	Sleep in infants with myelomeningocele—an opportunity to improve outcomes?. <i>Journal of Perinatology</i> , 2019, 39, 1325-1326.	0.9	0
125	Sleep in Children with Myelomeningocele. , 2021, , 709-717.		0
126	Introducing the Child Neurology Society Leadership, Diversity, Equity, and Inclusion Task Force. <i>Annals of Neurology</i> , 2021, 90, 537-538.	2.8	0

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127	Safety of Early Discontinuation of Antiseizure Medication After Acute Symptomatic Neonatal Seizures—Reply. <i>JAMA Neurology</i> , 2021, , .	4.5	0
128	Message From the Editors to Our Reviewers. <i>Neurology</i> , 2022, 98, 3-11.	1.5	0
129	Message From the Editors to Our Reviewers. <i>Neurology</i> , 2022, 99, 3-10.	1.5	0