

# Iván SÁnchez Fernández

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

2,606  
citations

218677

26  
h-index

214800

47  
g-index

75  
all docs

75  
docs citations

75  
times ranked

2742  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seizure detection, seizure prediction, and closed-loop warning systems in epilepsy. <i>Epilepsy and Behavior</i> , 2014, 37, 291-307.	1.7	377
2	Electrical Status Epilepticus in Sleep: Clinical Presentation and Pathophysiology. <i>Pediatric Neurology</i> , 2012, 47, 390-410.	2.1	259
3	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
4	Diagnostic yield of genetic tests in epilepsy. <i>Neurology</i> , 2019, 92, .	1.1	102
5	Time from convulsive status epilepticus onset to anticonvulsant administration in children. <i>Neurology</i> , 2015, 84, 2304-2311.	1.1	101
6	The tower of Babel: Survey on concepts and terminology in electrical status epilepticus in sleep and continuous spikes and waves during sleep in North America. <i>Epilepsia</i> , 2013, 54, 741-750.	5.1	93
7	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
8	Long-term outcomes of status epilepticus: A critical assessment. <i>Epilepsia</i> , 2018, 59, 155-169.	5.1	81
9	Continuous Spikes and Waves during Sleep: Electroclinical Presentation and Suggestions for Management. <i>Epilepsy Research &amp; Treatment</i> , 2013, 2013, 1-12.	1.4	75
10	Effectiveness of antiepileptic therapy in patients with PCDH19 mutations. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 35, 106-110.	2.0	61
11	Clinical staging and electroencephalographic evolution of continuous spikes and waves during sleep. <i>Epilepsia</i> , 2012, 53, 1185-1195.	5.1	60
12	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
13	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.	5.1	55
14	Pathophysiology of convulsive status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 68, 16-21.	2.0	51
15	Time to electroencephalography is independently associated with outcome in critically ill neonates and children. <i>Epilepsia</i> , 2017, 58, 420-428.	5.1	50
16	Electrocorticography for Seizure Foci Mapping in Epilepsy Surgery. <i>Journal of Clinical Neurophysiology</i> , 2013, 30, 554-570.	1.7	45
17	Feature selection and prediction of treatment failure in tuberculosis. <i>PLoS ONE</i> , 2018, 13, e0207491.	2.5	43
18	Timing in the treatment of status epilepticus: From basics to the clinic. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 68, 22-30.	2.0	41

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19	Meta-analysis and cost-effectiveness of second-line antiepileptic drugs for status epilepticus. <i>Neurology</i> , 2019, 92, e2339-e2348.	1.1	40
20	Novel drugs and early polypharmacotherapy in status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 68, 79-88.	2.0	38
21	Efficacy and safety of ketogenic diet for treatment of pediatric convulsive refractory status epilepticus. <i>Epilepsy Research</i> , 2018, 144, 1-6.	1.6	37
22	Subunit composition of glutamate and gamma-aminobutyric acid receptors in status epilepticus. <i>Epilepsy Research</i> , 2014, 108, 605-615.	1.6	36
23	Prognostic Value of Brain Magnetic Resonance Imaging in Neonatal Hypoxic-Ischemic Encephalopathy: A Meta-analysis. <i>Journal of Child Neurology</i> , 2017, 32, 1065-1073.	1.4	36
24	Treatment for continuous spikes and waves during sleep (<scp>CSWS</scp>): Survey on treatment choices in North <scp>A</scp>merica. <i>Epilepsia</i> , 2014, 55, 1099-1108.	5.1	33
25	Disparities in epilepsy surgery in the United States of America. <i>Journal of Neurology</i> , 2017, 264, 1735-1745.	3.6	32
26	Seizures caused by brain tumors in children. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017, 44, 98-107.	2.0	28
27	Refractory status epilepticus in children with and without prior epilepsy or status epilepticus. <i>Neurology</i> , 2017, 88, 386-394.	1.1	27
28	Patterns of epileptic seizure occurrence. <i>Brain Research</i> , 2019, 1703, 3-12.	2.2	25
29	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. <i>PLoS ONE</i> , 2020, 15, e0232376.	2.5	23
30	Clinical presentation of new onset refractory status epilepticus in children (the pSERG cohort). <i>Epilepsia</i> , 2021, 62, 1629-1642.	5.1	23
31	Long-Term Response to High-Dose Diazepam Treatment in Continuous Spikes and Waves During Sleep. <i>Pediatric Neurology</i> , 2013, 49, 163-170.e4.	2.1	22
32	Clobazam higher-evening differential dosing as an add-on therapy in refractory epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 40, 1-6.	2.0	22
33	Clinical evolution of seizures: distribution across time of day and sleep/wakefulness cycle. <i>Journal of Neurology</i> , 2013, 260, 549-557.	3.6	21
34	Cognitive and Behavioral Comorbidities: An Unwanted Effect of Antiepileptic Drugs in Children. <i>Seminars in Pediatric Neurology</i> , 2017, 24, 320-330.	2.0	21
35	Estimating the cost of admissions related to convulsive status epilepticus in the United States of America. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 61, 186-198.	2.0	21
36	Classification of glioblastoma versus primary central nervous system lymphoma using convolutional neural networks. <i>Scientific Reports</i> , 2021, 11, 15219.	3.3	21

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37	Reduced thalamic volume in patients with Electrical Status Epilepticus in Sleep. <i>Epilepsy Research</i> , 2017, 130, 74-80.	1.6	20
38	Cost-effectiveness of adrenocorticotrophic hormone versus oral steroids for infantile spasms. <i>Epilepsia</i> , 2021, 62, 347-357.	5.1	20
39	Pediatric Focal Epilepsy Syndromes. <i>Journal of Clinical Neurophysiology</i> , 2012, 29, 425-440.	1.7	19
40	Pediatric refractory epilepsy: A decision analysis comparing medical versus surgical treatment. <i>Epilepsia</i> , 2015, 56, 263-272.	5.1	19
41	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
42	Patients With Electrical Status Epilepticus in Sleep Share Similar Clinical Features Regardless of Their Focal or Generalized Sleep Potentiation of Epileptiform Activity. <i>Journal of Child Neurology</i> , 2013, 28, 83-89.	1.4	18
43	Clobazam: Effect on Frequency of Seizures and Safety Profile in Different Subgroups of Children With Epilepsy. <i>Pediatric Neurology</i> , 2014, 51, 60-66.	2.1	18
44	Nonintravenous rescue medications for pediatric status epilepticus: A cost-effectiveness analysis. <i>Epilepsia</i> , 2017, 58, 1349-1359.	5.1	18
45	Association of guideline publication and delays to treatment in pediatric status epilepticus. <i>Neurology</i> , 2020, 95, e1222-e1235.	1.1	15
46	Subunit Composition of Neurotransmitter Receptors in the Immature and in the Epileptic Brain. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	14
47	Electroencephalography in the Pediatric Emergency Department. <i>Journal of Child Neurology</i> , 2014, 29, 475-482.	1.4	13
48	Estimating the cost of status epilepticus admissions in the United States of America using ICD-10 codes. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 71, 295-303.	2.0	13
49	Comparison of pediatric patients with status epilepticus lasting 5–29min versus ≥30min. <i>Epilepsy and Behavior</i> , 2014, 37, 1-6.	1.7	12
50	aEEG and cEEG: Two complementary techniques to assess seizures and encephalopathy in neonates. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 33, 88-89.	2.0	10
51	Machine Learning for Outcome Prediction in Electroencephalograph (EEG)-Monitored Children in the Intensive Care Unit. <i>Journal of Child Neurology</i> , 2018, 33, 546-553.	1.4	10
52	Chronotherapeutic implications of cyclic seizure patterns. <i>Nature Reviews Neurology</i> , 2018, 14, 696-697.	10.1	9
53	Comparison of risk factors for pediatric convulsive status epilepticus when defined as seizures ≥5min versus seizures ≥30min. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 692-698.	2.0	8
54	Use of EEG in critically ill children and neonates in the United States of America. <i>Journal of Neurology</i> , 2017, 264, 1165-1173.	3.6	8

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55	Time to continuous electroencephalogram in repeated admissions to the pediatric intensive care unit. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 54, 19-26.	2.0	8
56	Factors associated with long-term outcomes in pediatric refractory status epilepticus. <i>Epilepsia</i> , 2021, 62, 2190-2204.	5.1	8
57	Therapeutic choices in convulsive status epilepticus. <i>Expert Opinion on Pharmacotherapy</i> , 2015, 16, 487-500.	1.8	7
58	Pediatric anti-Hu-associated encephalitis with clinical features of Rasmussen encephalitis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e150.	6.0	6
59	Negative myoclonus in a child with anti-NMDA receptor encephalitis. <i>Journal of the Neurological Sciences</i> , 2015, 358, 532-534.	0.6	5
60	Convolutional neural networks to identify malformations of cortical development: A feasibility study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 91, 81-90.	2.0	5
61	Interictal epileptiform discharges and cognition. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 13-14.	2.1	4
62	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
63	The burden of decisional uncertainty in the treatment of status epilepticus. <i>Epilepsia</i> , 2020, 61, 2150-2162.	5.1	4
64	Status Epilepticus Work-Up and Management in Children. <i>Seminars in Neurology</i> , 2020, 40, 661-674.	1.4	4
65	Retrospective observational study on hospital readmission for status epilepticus in the United States over 2016. <i>Epilepsia</i> , 2020, 61, 1386-1396.	5.1	3
66	Electroencephalographic Reporting for Refractory Status Epilepticus. <i>Journal of Clinical Neurophysiology</i> , 2019, 36, 365-370.	1.7	2
67	Descriptive epidemiology and health resource utilization for status epilepticus in the emergency department in the United States of America. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021, 87, 7-16.	2.0	2
68	Insult to injury: Transient encephalopathy in a brain-injured adolescent. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 411-414.	0.8	1
69	Learning difficulties as late sequel of neonatal insult (Discussion and Diagnosis). <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 1439-1440.	1.5	0
70	A Question Worth Asking. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, 392.	1.7	0
71	Time to Treatment in Pediatric Convulsive Refractory Status Epilepticus: The Weekend Effect. <i>Pediatric Neurology</i> , 2021, 120, 71-79.	2.1	0
72	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0

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75	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0