

Shaun A Hussain

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,323
citations

394421

19
h-index

377865

34
g-index

50
all docs

50
docs citations

50
times ranked

1327
citing authors

#	ARTICLE	IF	CITATIONS
1	Refining epileptogenic high-frequency oscillations using deep learning: a reverse engineering approach. <i>Brain Communications</i> , 2022, 4, fcab267.	3.3	14
2	Inequities in Therapy for Infantile Spasms: A Call to Action. <i>Annals of Neurology</i> , 2022, 92, 32-44.	5.3	7
3	Potential induction of epileptic spasms by nonselective voltage-gated sodium channel blockade: Interaction with etiology. <i>Epilepsy and Behavior</i> , 2021, 115, 107624.	1.7	10
4	Comparative Effectiveness of Initial Treatment for Infantile Spasms in a Contemporary US Cohort. <i>Neurology</i> , 2021, 97, .	1.1	19
5	Abnormal sleep physiology in children with 15q11.2-13.1 duplication (Dup15q) syndrome. <i>Molecular Autism</i> , 2021, 12, 54.	4.9	10
6	Real-World Preliminary Experience With Responsive Neurostimulation in Pediatric Epilepsy: A Multicenter Retrospective Observational Study. <i>Neurosurgery</i> , 2021, 89, 997-1004.	1.1	26
7	Computational characteristics of interictal EEG as objective markers of epileptic spasms. <i>Epilepsy Research</i> , 2021, 176, 106704.	1.6	18
8	Automated preprocessing and phase-amplitude coupling analysis of scalp EEG discriminates infantile spasms from controls during wakefulness. <i>Epilepsy Research</i> , 2021, 178, 106809.	1.6	5
9	Synthetic pharmaceutical grade cannabidiol for treatment of refractory infantile spasms: A multicenter phase-2 study. <i>Epilepsy and Behavior</i> , 2020, 102, 106826.	1.7	21
10	Scalp EEG interictal high frequency oscillations as an objective biomarker of infantile spasms. <i>Clinical Neurophysiology</i> , 2020, 131, 2527-2536.	1.5	31
11	Management of Infantile Spasms During the COVID-19 Pandemic. <i>Journal of Child Neurology</i> , 2020, 35, 828-834.	1.4	33
12	Limited efficacy of zonisamide in the treatment of refractory infantile spasms. <i>Epilepsia Open</i> , 2020, 5, 121-126.	2.4	8
13	Felbamate in the treatment of refractory epileptic spasms. <i>Epilepsy Research</i> , 2020, 161, 106284.	1.6	7
14	The economic burden of caregiving in epilepsy: An estimate based on a survey of US caregivers. <i>Epilepsia</i> , 2020, 61, 319-329.	5.1	29
15	Crisis Standard of Care: Management of Infantile Spasms during COVID-19. <i>Annals of Neurology</i> , 2020, 88, 215-217.	5.3	13
16	Interictal scalp fast ripple occurrence and high frequency oscillation slow wave coupling in epileptic spasms. <i>Clinical Neurophysiology</i> , 2020, 131, 1433-1443.	1.5	18
17	Very-High-Dose Prednisolone Before ACTH for Treatment of Infantile Spasms: Evaluation of a Standardized Protocol. <i>Pediatric Neurology</i> , 2019, 99, 16-22.	2.1	14
18	The equivalence of the ketogenic diet and adrenocorticotrophic hormone for treatment of infantile spasms: More suggestion than conclusion. <i>Epilepsia</i> , 2019, 60, 2145-2145.	5.1	0

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19	Prospective observational study: Fast ripple localization delineates the epileptogenic zone. <i>Clinical Neurophysiology</i> , 2019, 130, 2144-2152.	1.5	26
20	Hypsarrhythmia is associated with widespread, asymmetric cerebral hypermetabolism. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 71, 29-34.	2.0	0
21	Visual and semi-automatic non-invasive detection of interictal fast ripples: A potential biomarker of epilepsy in children with tuberous sclerosis complex. <i>Clinical Neurophysiology</i> , 2018, 129, 1458-1466.	1.5	46
22	Reply. <i>Journal of Pediatrics</i> , 2018, 197, 319.	1.8	0
23	Hypothalamic Hamartoma With Infantile Spasms: Case Report With Surgical Treatment. <i>Seminars in Pediatric Neurology</i> , 2018, 26, 115-118.	2.0	4
24	Quantitative Characteristics of Hypsarrhythmia in Infantile Spasms. , 2018, 2018, 538-541.		5
25	Interrater reliability in visual identification of interictal high-frequency oscillations on electrocorticography and scalp <scp>EEG</scp>. <i>Epilepsia Open</i> , 2018, 3, 127-132.	2.4	21
26	A comparison of levetiracetam and phenobarbital for the treatment of neonatal seizures associated with hypoxic-ischemic encephalopathy. <i>Epilepsy and Behavior</i> , 2018, 88, 212-217.	1.7	40
27	High vigabatrin dosage is associated with lower risk of infantile spasms relapse among children with tuberous sclerosis complex. <i>Epilepsy Research</i> , 2018, 148, 1-7.	1.6	25
28	Treatment of infantile spasms. <i>Epilepsia Open</i> , 2018, 3, 143-154.	2.4	48
29	Amantadine: A new treatment for refractory electrical status epilepticus in sleep. <i>Epilepsy and Behavior</i> , 2018, 84, 74-78.	1.7	47
30	Successful use of pure cannabidiol for the treatment of super-refractory status epilepticus. <i>Epilepsy & Behavior Case Reports</i> , 2018, 10, 141-144.	1.5	12
31	Strength and stability of EEG functional connectivity predict treatment response in infants with epileptic spasms. <i>Clinical Neurophysiology</i> , 2018, 129, 2137-2148.	1.5	27
32	Epileptic Encephalopathies. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2018, 24, 171-185.	0.8	6
33	Risk of vigabatrin-associated brain abnormalities on <scp>MRI</scp> in the treatment of infantile spasms is dose-dependent. <i>Epilepsia</i> , 2017, 58, 674-682.	5.1	53
34	Intraoperative fast ripples independently predict postsurgical epilepsy outcome: Comparison with other electrocorticographic phenomena. <i>Epilepsy Research</i> , 2017, 135, 79-86.	1.6	27
35	Recognition of Infantile Spasms Is Often Delayed: The ASSIST Study. <i>Journal of Pediatrics</i> , 2017, 190, 215-221.e1.	1.8	36
36	Long-Range Temporal Correlations Reflect Treatment Response in the Electroencephalogram of Patients with Infantile Spasms. <i>Brain Topography</i> , 2017, 30, 810-821.	1.8	18

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37	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
38	Prevention of infantile spasms relapse: Zonisamide and topiramate provide no benefit. <i>Epilepsia</i> , 2016, 57, 1280-1287.	5.1	19
39	Prospective and "live"-fast ripple detection and localization in the operating room: Impact on epilepsy surgery outcomes in children. <i>Epilepsy Research</i> , 2016, 127, 344-351.	1.6	21
40	A lack of clinically apparent vision loss among patients treated with vigabatrin with infantile spasms: The UCLA experience. <i>Epilepsy and Behavior</i> , 2016, 57, 29-33.	1.7	20
41	A randomized placebo-controlled lovastatin trial for neurobehavioral function in neurofibromatosis I. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 266-279.	3.7	44
42	Limited efficacy of the ketogenic diet in the treatment of highly refractory epileptic spasms. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 35, 59-64.	2.0	17
43	Improving the inter-rater agreement of hypsarrhythmia using a simplified EEG grading scale for children with infantile spasms. <i>Epilepsy Research</i> , 2015, 116, 93-98.	1.6	53
44	Perceived efficacy of cannabidiol-enriched cannabis extracts for treatment of pediatric epilepsy: A potential role for infantile spasms and Lennox-Gastaut syndrome. <i>Epilepsy and Behavior</i> , 2015, 47, 138-141.	1.7	189
45	Hypsarrhythmia assessment exhibits poor interrater reliability: A threat to clinical trial validity. <i>Epilepsia</i> , 2015, 56, 77-81.	5.1	93
46	Treatment of infantile spasms with very high dose prednisolone before high dose adrenocorticotrophic hormone. <i>Epilepsia</i> , 2014, 55, 103-107.	5.1	65
47	Pharmacologic Treatment of Intractable Epilepsy in Children: A Syndrome-Based Approach. <i>Seminars in Pediatric Neurology</i> , 2011, 18, 171-178.	2.0	9
48	The effects of N-methyl-d-aspartate antagonist 2-amino-7-phosphonoheptanoic acid microinfusions into the adult male rat substantia nigra pars reticulata are site-specific. <i>Neuroscience Letters</i> , 2001, 316, 108-110.	2.1	13