

William Davis Gaillard

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

8,876
citations

38742

50
h-index

54911

84
g-index

201
all docs

201
docs citations

201
times ranked

8822
citing authors

#	ARTICLE	IF	CITATIONS
1	Infantile spasms: A U.S. consensus report. <i>Epilepsia</i> , 2010, 51, 2175-2189.	5.1	382
2	Regional cerebral blood flow during object naming and word reading. <i>Human Brain Mapping</i> , 1995, 3, 93-106.	3.6	367
3	Summary of recommendations for the management of infantile seizures: Task Force Report for the International League Against Epilepsy. <i>Epilepsia</i> , 2015, 56, 1185-1197.	5.1	323
4	Guidelines for imaging infants and children with recent-onset epilepsy. <i>Epilepsia</i> , 2009, 50, 2147-2153.	5.1	238
5	Dysmaturation of the default mode network in autism. <i>Human Brain Mapping</i> , 2014, 35, 1284-1296.	3.6	219
6	Developmental aspects of language processing: fMRI of verbal fluency in children and adults. <i>Human Brain Mapping</i> , 2003, 18, 176-185.	3.6	204
7	Practice guideline summary: Use of fMRI in the presurgical evaluation of patients with epilepsy. <i>Neurology</i> , 2017, 88, 395-402.	1.1	188
8	Response to treatment in a prospective national infantile spasms cohort. <i>Annals of Neurology</i> , 2016, 79, 475-484.	5.3	182
9	Developmental Aspects of Pediatric fMRI: Considerations for Image Acquisition, Analysis, and Interpretation. <i>NeuroImage</i> , 2001, 13, 239-249.	4.2	180
10	Diagnostic test utilization in evaluation for resective epilepsy surgery in children. <i>Epilepsia</i> , 2014, 55, 507-518.	5.1	174
11	Cerebral MRI abnormalities associated with vigabatrin therapy. <i>Epilepsia</i> , 2009, 50, 184-194.	5.1	154
12	The fMRI success rate of children and adolescents: Typical development, epilepsy, attention deficit/hyperactivity disorder, and autism spectrum disorders. <i>Human Brain Mapping</i> , 2009, 30, 3426-3435.	3.6	140
13	Default mode network segregation and social deficits in autism spectrum disorder: Evidence from non-medicated children. <i>NeuroImage: Clinical</i> , 2015, 9, 223-232.	2.7	140
14	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
15	Characterization of atypical language activation patterns in focal epilepsy. <i>Annals of Neurology</i> , 2014, 75, 33-42.	5.3	126
16	Early-Life Epilepsies and the Emerging Role of Genetic Testing. <i>JAMA Pediatrics</i> , 2017, 171, 863.	6.2	125
17	Brain chirps: spectrographic signatures of epileptic seizures. <i>Clinical Neurophysiology</i> , 2000, 111, 953-958.	1.5	124
18	Association of Human Herpesvirus-6B with Mesial Temporal Lobe Epilepsy. <i>PLoS Medicine</i> , 2007, 4, e180.	8.4	123

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19	Common data elements in epilepsy research: Development and implementation of the NINDS epilepsy CDE project. <i>Epilepsia</i> , 2011, 52, 1186-1191.	5.1	121
20	FDG-Positron Emission Tomography and Invasive EEG: Seizure Focus Detection and Surgical Outcome. <i>Epilepsia</i> , 1997, 38, 81-86.	5.1	119
21	The neural basis of language development: Changes in lateralization over age. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23477-23483.	7.1	115
22	Intact implicit learning of spatial context and temporal sequences in childhood autism spectrum disorder.. <i>Neuropsychology</i> , 2008, 22, 563-570.	1.3	113
23	Effect of Valproate on Cerebral Metabolism and Blood Flow: An 18F-2-Deoxyglucose and 15O Water Positron Emission Tomography Study. <i>Epilepsia</i> , 1996, 37, 515-521.	5.1	110
24	Cognition across the lifespan: Antiepileptic drugs, epilepsy, or both?. <i>Epilepsy and Behavior</i> , 2010, 17, 1-5.	1.7	110
25	Human herpes virus 6B: A possible role in epilepsy?. <i>Epilepsia</i> , 2008, 49, 1828-1837.	5.1	105
26	Time from convulsive status epilepticus onset to anticonvulsant administration in children. <i>Neurology</i> , 2015, 84, 2304-2311.	1.1	101
27	<i>SCN8A</i> encephalopathy: Research progress and prospects. <i>Epilepsia</i> , 2016, 57, 1027-1035.	5.1	101
28	A Functional Magnetic Resonance Imaging Study of Left Hemisphere Language Dominance in Children. <i>Archives of Neurology</i> , 2002, 59, 1168.	4.5	98
29	Continuous Video EEG for Patients with Acute Encephalopathy in a Pediatric Intensive Care Unit. <i>Neurocritical Care</i> , 2012, 17, 31-38.	2.4	91
30	Regional differences in the developmental trajectory of lateralization of the language network. <i>Human Brain Mapping</i> , 2014, 35, 270-284.	3.6	90
31	Epilepsy imaging study guideline criteria: Commentary on diagnostic testing study guidelines and practice parameters. <i>Epilepsia</i> , 2011, 52, 1750-1756.	5.1	89
32	Presurgical language fMRI: Mapping of six critical regions. <i>Human Brain Mapping</i> , 2017, 38, 4239-4255.	3.6	87
33	Parenting stress and childhood epilepsy: The impact of depression, learning, and seizure-related factors. <i>Epilepsy and Behavior</i> , 2008, 13, 109-114.	1.7	85
34	Functional anatomy of listening and reading comprehension during development. <i>Brain and Language</i> , 2010, 114, 115-125.	1.6	85
35	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
36	Novel SCN1A Mutation in a Proband With Malignant Migrating Partial Seizures of Infancy. <i>Archives of Neurology</i> , 2011, 68, 665-71.	4.5	81

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37	A Korean Kindred With Autosomal Dominant Nocturnal Frontal Lobe Epilepsy and Mental Retardation. Archives of Neurology, 2003, 60, 1625.	4.5	79
38	Atypical neural substrates of Embedded Figures Task performance in children with Autism Spectrum Disorder. NeuroImage, 2007, 38, 184-193.	4.2	77
39	Postoperative Changes in Cerebral Metabolism in Temporal Lobe Epilepsy. Archives of Neurology, 2000, 57, 1447-52.	4.5	73
40	Usefulness of pulsed arterial spin labeling MR imaging in mesial temporal lobe epilepsy. Epilepsy Research, 2008, 82, 183-189.	1.6	73
41	Functional imaging of developmental and adaptive changes in neurocognition. NeuroImage, 2006, 30, 679-691.	4.2	70
42	15O water positron emission tomography in language localization: A study comparing positron emission tomography visual and computerized region of interest analysis with the wada test. Annals of Neurology, 1999, 45, 662-665.	5.3	68
43	Loss of CLOCK Results in Dysfunction of Brain Circuits Underlying Focal Epilepsy. Neuron, 2017, 96, 387-401.e6.	8.1	66
44	Seizure control following tumor surgery for childhood cortical low-grade gliomas. Journal of Neurosurgery, 1994, 80, 998-1003.	1.6	63
45	Comparison of PET measurements of cerebral blood flow and glucose metabolism for the localization of human epileptic foci. Epilepsy Research, 1992, 13, 153-157.	1.6	61
46	Pediatric Functional Magnetic Resonance Imaging (fMRI): Issues and Applications. Journal of Child Neurology, 2008, 23, 791-801.	1.4	58
47	Response to second treatment after initial failed treatment in a multicenter prospective infantile spasms cohort. Epilepsia, 2016, 57, 1834-1842.	5.1	58
48	Controlling attention to gaze and arrows in childhood: an fMRI study of typical development and Autism Spectrum Disorders. Developmental Science, 2011, 14, 911-924.	2.4	57
49	A prospective study of cognitive fluency and originality in children exposed in utero to carbamazepine, lamotrigine, or valproate monotherapy. Epilepsy and Behavior, 2009, 16, 609-616.	1.7	55
50	The impact of hypsarrhythmia on infantile spasms treatment response: Observational cohort study from the National Infantile Spasms Consortium. Epilepsia, 2017, 58, 2098-2103.	5.1	55
51	Hippocampal Volume and Glucose Metabolism in Temporal Lobe Epileptic Foci. Epilepsia, 2008, 42, 130-132.	5.1	53
52	Seizures in Acute Childhood Stroke. Journal of Pediatrics, 2012, 160, 291-296.	1.8	52
53	Subcentimeter epilepsy surgery targets by resting state functional magnetic resonance imaging can improve outcomes in hypothalamic hamartoma. Epilepsia, 2018, 59, 2284-2295.	5.1	50
54	New Incidence, Prevalence, and Survival of Aicardi Syndrome From 408 Cases. Journal of Child Neurology, 2008, 23, 531-535.	1.4	49

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55	Subpatterns of language network reorganization in pediatric localization related epilepsy: A multisite study. <i>Human Brain Mapping</i> , 2011, 32, 784-799.	3.6	49
56	Lovastatin regulates brain spontaneous low-frequency brain activity in Neurofibromatosis type 1. <i>Neuroscience Letters</i> , 2012, 515, 28-33.	2.1	48
57	Atypical modulation of distant functional connectivity by cognitive state in children with Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 482.	2.0	48
58	The molecular and phenotypic spectrum of IQSEC2-related epilepsy. <i>Epilepsia</i> , 2016, 57, 1858-1869.	5.1	46
59	Functional MR imaging of language, memory, and sensorimotor cortex. <i>Neuroimaging Clinics of North America</i> , 2004, 14, 471-485.	1.0	45
60	Neural response to working memory load varies by dopamine transporter genotype in children. <i>NeuroImage</i> , 2010, 53, 970-977.	4.2	45
61	Neural Correlates of Set-shifting in Children With Autism. <i>Autism Research</i> , 2015, 8, 386-397.	3.8	45
62	Language functional MRI and direct cortical stimulation in epilepsy preoperative planning. <i>Annals of Neurology</i> , 2017, 81, 526-537.	5.3	45
63	Is the use of Stereotactic Electroencephalography Safe and Effective in Children? A Meta-Analysis of the use of Stereotactic Electroencephalography in Comparison to Subdural Grids for Invasive Epilepsy Monitoring in Pediatric Subjects. <i>Neurosurgery</i> , 2019, 84, 1190-1200.	1.1	45
64	The influence of lesion volume, perilesion resection volume, and completeness of resection on seizure outcome after resective epilepsy surgery for cortical dysplasia in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 644-650.	1.3	44
65	Epilepsy Duration, Febrile Seizures, and Cerebral Glucose Metabolism. <i>Epilepsia</i> , 2004, 45, 276-279.	5.1	42
66	Neuroimmune disorders of the central nervous system in children in the molecular era. <i>Nature Reviews Neurology</i> , 2018, 14, 433-445.	10.1	41
67	Total Cerebral Volume Is Reduced in Patients With Localization-Related Epilepsy and a History of Complex Febrile Seizures. <i>Archives of Neurology</i> , 2003, 60, 250.	4.5	38
68	A quantitative link between face discrimination deficits and neuronal selectivity for faces in autism. <i>NeuroImage: Clinical</i> , 2013, 2, 320-331.	2.7	37
69	Psychiatric symptoms in children prior to epilepsy surgery differ according to suspected seizure focus. <i>Epilepsia</i> , 2013, 54, 1074-1082.	5.1	37
70	Atlas of lesion locations and postsurgical seizure freedom in focal cortical dysplasia: A MELD study. <i>Epilepsia</i> , 2022, 63, 61-74.	5.1	36
71	Speed and complexity characterize attention problems in children with localization-related epilepsy. <i>Epilepsia</i> , 2015, 56, 833-840.	5.1	35
72	Clinical experience with anticonvulsant medication in pediatric epilepsy and comorbid bipolar spectrum disorder. <i>Epilepsy and Behavior</i> , 2006, 9, 327-334.	1.7	34

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73	Pediatric Brain Tumors and Epilepsy. <i>Seminars in Pediatric Neurology</i> , 2012, 19, 3-8.	2.0	30
74	Age-dependent mesial temporal lobe lateralization in language <scp>fMRI</scp>. <i>Epilepsia</i> , 2016, 57, 122-130.	5.1	30
75	Comparative Effectiveness of Levetiracetam vs Phenobarbital for Infantile Epilepsy. <i>JAMA Pediatrics</i> , 2018, 172, 352.	6.2	30
76	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
77	Racial and socioeconomic disparities in epilepsy in the District of Columbia. <i>Epilepsy Research</i> , 2013, 103, 279-287.	1.6	29
78	Hemispherectomy Outcome Prediction Scale: Development and validation of a seizure freedom prediction tool. <i>Epilepsia</i> , 2021, 62, 1064-1073.	5.1	29
79	Temporal lobe epilepsy and focal cortical dysplasia in children: A tip to find the abnormality. <i>Epilepsia</i> , 2017, 58, 113-122.	5.1	28
80	Why West? Comparisons of clinical, genetic and molecular features of infants with and without spasms. <i>PLoS ONE</i> , 2018, 13, e0193599.	2.5	28
81	The benefits of a camp designed for children with epilepsy: Evaluating adaptive behaviors over 3 years. <i>Epilepsy and Behavior</i> , 2007, 10, 170-178.	1.7	27
82	Status epilepticus in children. <i>Current Neurology and Neuroscience Reports</i> , 2009, 9, 137-144.	4.2	27
83	Refractory status epilepticus in children with and without prior epilepsy or status epilepticus. <i>Neurology</i> , 2017, 88, 386-394.	1.1	27
84	Detection of HHV-6 and EBV and Cytokine Levels in Saliva From Children With Seizures: Results of a Multi-Center Cross-Sectional Study. <i>Frontiers in Neurology</i> , 2018, 9, 834.	2.4	27
85	Immediate outcomes in early life epilepsy: A contemporary account. <i>Epilepsy and Behavior</i> , 2019, 97, 44-50.	1.7	27
86	Neuroimaging and the progression of epilepsy. <i>Progress in Brain Research</i> , 2002, 135, 305-313.	1.4	26
87	Treatment of infants with epilepsy: Common practices around the world. <i>Epilepsia</i> , 2015, 56, 1033-1046.	5.1	26
88	<scp>fMRI</scp> prediction of naming change after adult temporal lobe epilepsy surgery: Activation matters. <i>Epilepsia</i> , 2019, 60, 527-538.	5.1	26
89	Executive Dysfunction in Autism Spectrum Disorder Is Associated With a Failure to Modulate Frontoparietal-insular Hub Architecture. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 537-545.	1.5	25
90	Organization of language networks in children: Functional magnetic resonance imaging studies. <i>Current Neurology and Neuroscience Reports</i> , 2003, 3, 157-162.	4.2	24

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91	Vulnerability of the ventral language network in children with focal epilepsy. <i>Brain</i> , 2014, 137, 2245-2257.	7.6	24
92	Viral Triggers and Inflammatory Mechanisms in Pediatric Epilepsy. <i>Molecular Neurobiology</i> , 2019, 56, 1897-1907.	4.0	24
93	Resting-state functional MRI connectivity impact on epilepsy surgery plan and surgical candidacy: prospective clinical work. <i>Journal of Neurosurgery: Pediatrics</i> , 2020, 25, 574-581.	1.3	24
94	Neuroimaging of Early Life Epilepsy. <i>Pediatrics</i> , 2018, 142, .	2.1	23
95	Infection with HHV-6 and its role in epilepsy. <i>Epilepsy Research</i> , 2019, 153, 34-39.	1.6	23
96	Clinical presentation of new onset refractory status epilepticus in children (the pSERG cohort). <i>Epilepsia</i> , 2021, 62, 1629-1642.	5.1	23
97	The utility of EEG monitoring in neonates with hyperammonemia due to inborn errors of metabolism. <i>Molecular Genetics and Metabolism</i> , 2018, 125, 235-240.	1.1	22
98	Functional MRI and direct cortical stimulation: Prediction of postoperative language decline. <i>Epilepsia</i> , 2019, 60, 560-570.	5.1	22
99	The effect of seizure focus on regional language processing areas. <i>Epilepsia</i> , 2012, 53, 1044-1050.	5.1	21
100	Executive dysfunction is associated with an altered executive control network in pediatric temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2018, 86, 145-152.	1.7	21
101	A multi-disciplinary clinic for SCN8A-related epilepsy. <i>Epilepsy Research</i> , 2020, 159, 106261.	1.6	21
102	The role of intraoperative MRI in resective epilepsy surgery for peri-eloquent cortex cortical dysplasias and heterotopias in pediatric patients. <i>Neurosurgical Focus</i> , 2016, 40, E16.	2.3	20
103	Utility of Functional MRI in Pediatric Neurology. <i>Current Neurology and Neuroscience Reports</i> , 2010, 10, 40-46.	4.2	19
104	Pediatric status epilepticus. <i>Current Opinion in Pediatrics</i> , 2014, 26, 655-661.	2.0	19
105	Intraoperative MRI-guided resection of focal cortical dysplasia in pediatric patients: technique and outcomes. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 17, 672-678.	1.3	19
106	Repeat surgery for focal cortical dysplasias in children: indications and outcomes. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 174-181.	1.3	19
107	Weaker semantic language lateralization associated with better semantic language performance in healthy right-handed children. <i>Brain and Behavior</i> , 2018, 8, e01072.	2.2	19
108	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

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109	Establishing criteria for pediatric epilepsy surgery center levels of care: Report from the ILAE Pediatric Epilepsy Surgery Task Force. <i>Epilepsia</i> , 2020, 61, 2629-2642.	5.1	19
110	Comparative Effectiveness of Initial Treatment for Infantile Spasms in a Contemporary US Cohort. <i>Neurology</i> , 2021, 97, .	1.1	19
111	The effects of pediatric epilepsy on a language connectome. <i>Human Brain Mapping</i> , 2014, 35, 5996-6010.	3.6	18
112	The role of executive functioning in memory performance in pediatric focal epilepsy. <i>Epilepsia</i> , 2017, 58, 300-310.	5.1	18
113	Initial Treatment for Nonsyndromic Early-Life Epilepsy: An Unexpected Consensus. <i>Pediatric Neurology</i> , 2017, 75, 73-79.	2.1	18
114	Epilepsy surgery near or in eloquent cortex in children—Practice patterns and recommendations for minimizing and reporting deficits. <i>Epilepsia</i> , 2018, 59, 1484-1491.	5.1	18
115	Structural and functional imaging in children with partial epilepsy. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2000, 6, 220-226.	3.6	17
116	Technical aspects of pediatric epilepsy surgery: Report of a multicenter, multinational web-based survey by the ILAE Task Force on Pediatric Epilepsy Surgery. <i>Epilepsia</i> , 2016, 57, 194-200.	5.1	17
117	Default mode network deactivation in pediatric temporal lobe epilepsy: Relationship to a working memory task and executive function tests. <i>Epilepsy and Behavior</i> , 2019, 94, 124-130.	1.7	17
118	Comparison of the real-world effectiveness of vertical versus lateral functional hemispherotomy techniques for pediatric drug-resistant epilepsy: A post hoc analysis of the HOPS study. <i>Epilepsia</i> , 2021, 62, 2707-2718.	5.1	17
119	Magnetic resonance-guided laser interstitial thermal therapy for the treatment of non-lesional insular epilepsy in pediatric patients: thermal dynamic and volumetric factors influencing seizure outcomes. <i>Child's Nervous System</i> , 2019, 35, 453-461.	1.1	16
120	The effect of naloxone on cerebral blood flow and glucose metabolism in patients with complex partial seizures. <i>Epilepsy Research</i> , 1993, 16, 51-54.	1.6	15
121	Treatment of Refractory Status Epilepticus in Childhood. <i>Current Neurology and Neuroscience Reports</i> , 2011, 11, 195-204.	4.2	15
122	A decisional space for fMRI pattern separation using the principal component analysis—a comparative study of language networks in pediatric epilepsy. <i>Human Brain Mapping</i> , 2013, 34, 2330-2342.	3.6	15
123	Association of guideline publication and delays to treatment in pediatric status epilepticus. <i>Neurology</i> , 2020, 95, e1222-e1235.	1.1	15
124	Low-frequency stimulation of a fiber tract in bilateral temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2022, 130, 108667.	1.7	15
125	Identification and Evaluation of the Child in Status Epilepticus. <i>Seminars in Pediatric Neurology</i> , 2010, 17, 144-149.	2.0	14
126	Increased cerebral blood flow on arterial spin labeling magnetic resonance imaging can localize to seizure focus in newborns: A report of 3 cases. <i>Epilepsia</i> , 2018, 59, e63-e67.	5.1	14

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127	When two are better than one: Bilateral mesial temporal lobe contributions associated with better vocabulary skills in children and adolescents. <i>Brain and Language</i> , 2018, 184, 1-10.	1.6	14
128	First-line medication dosing in pediatric refractory status epilepticus. <i>Neurology</i> , 2020, 95, e2683-e2696.	1.1	14
129	Mapping Language in Epilepsy with Functional Imaging. <i>Neuroscientist</i> , 2000, 6, 390-400.	3.5	13
130	Misidentification of Vagus Nerve Stimulator for Intravenous Access and Other Major Adverse Events. <i>Pediatric Neurology</i> , 2008, 38, 248-251.	2.1	13
131	Investigating inhibitory control in children with epilepsy: An fMRI study. <i>Epilepsia</i> , 2014, 55, 1667-1676.	5.1	13
132	Reduced language connectivity in pediatric epilepsy. <i>Epilepsia</i> , 2015, 56, 273-282.	5.1	13
133	Timing and selection of first antiseizure medication in patients with pediatric status epilepticus. <i>Epilepsy Research</i> , 2019, 149, 21-25.	1.6	13
134	The utility of functional magnetic resonance imaging in epilepsy and language. <i>Current Neurology and Neuroscience Reports</i> , 2002, 2, 142-149.	4.2	12
135	Cerebral blood flow and fMRI BOLD auditory language activation in temporal lobe epilepsy. <i>Epilepsia</i> , 2012, 53, 631-638.	5.1	12
136	Classification of fMRI patterns—A study of the language network segregation in pediatric localization related epilepsy. <i>Human Brain Mapping</i> , 2014, 35, 1446-1460.	3.6	12
137	Resective surgery for focal cortical dysplasia in children: a comparative analysis of the utility of intraoperative magnetic resonance imaging (iMRI). <i>Child's Nervous System</i> , 2016, 32, 1101-1107.	1.1	12
138	Epilepsy or seizure disorder? The effect of cultural and socioeconomic factors on self-reported prevalence. <i>Epilepsy and Behavior</i> , 2016, 62, 214-217.	1.7	12
139	Sudden Death in Epilepsy: Knowledge among Pediatric Providers. <i>Journal of Pediatrics</i> , 2017, 188, 291-293.e3.	1.8	12
140	Imaging modalities to diagnose and localize status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 68, 46-51.	2.0	12
141	Hypothalamic Hamartomas. <i>Neurology</i> , 2021, 97, 864-873.	1.1	12
142	Spatiotemporal distribution and age of seizure onset in a pediatric epilepsy surgery cohort with cortical dysplasia. <i>Epilepsy Research</i> , 2021, 172, 106598.	1.6	11
143	Age association of language task induced deactivation induced in a pediatric population. <i>NeuroImage</i> , 2013, 65, 23-33.	4.2	10
144	Narrative abilities of children with epilepsy. <i>International Journal of Language and Communication Disorders</i> , 2013, 48, 207-219.	1.5	10

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145	Neural Basis of Visual Attentional Orienting in Childhood Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 58-67.	2.7	10
146	Using EHRs to advance epilepsy care. <i>Neurology: Clinical Practice</i> , 2019, 9, 83-88.	1.6	10
147	Cortical thickness in childhood left focal epilepsy: Thinning beyond the seizure focus. <i>Epilepsy and Behavior</i> , 2020, 102, 106825.	1.7	10
148	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.	1.8	10
149	Super-Refractory Status Epilepticus in Children. <i>Pediatric Critical Care Medicine</i> , 2021, Publish Ahead of Print, e613-e625.	0.5	10
150	Common functional connectivity alterations in focal epilepsies identified by machine learning. <i>Epilepsia</i> , 2022, 63, 629-640.	5.1	10
151	An initial cost-effectiveness analysis of intraoperative magnetic resonance imaging (iMRI) in pediatric epilepsy surgery. <i>Child's Nervous System</i> , 2018, 34, 495-502.	1.1	9
152	Responsive neurostimulation for the treatment of medically refractory epilepsy in pediatric patients: strategies, outcomes, and technical considerations. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 54-61.	1.3	9
153	Revisiting Lenneberg's Hypotheses About Early Developmental Plasticity: Language Organization After Left-Hemisphere Perinatal Stroke. <i>Biolinguistics</i> , 2017, 11, 407-422.	0.6	9
154	Fluency patterns in narratives from children with localization related epilepsy. <i>Journal of Fluency Disorders</i> , 2013, 38, 193-205.	1.7	8
155	Parental Perspectives of the Impact of Epilepsy and Seizures on Siblings of Children with Epilepsy. <i>Journal of Pediatric Health Care</i> , 2018, 32, 348-355.	1.2	8
156	Factors associated with long-term outcomes in pediatric refractory status epilepticus. <i>Epilepsia</i> , 2021, 62, 2190-2204.	5.1	8
157	Neuroimaging reveals automatic speech coding during perception of written word meaning. <i>NeuroImage</i> , 2002, 17, 859-70.	4.2	8
158	A Weak Shadow of Early Life Language Processing Persists in the Right Hemisphere of the Mature Brain. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2022, 3, 364-385.	3.1	8
159	On the transmitter at the A-to-B cell in <i>Aplysia californica</i> . <i>Brain Research</i> , 1986, 373, 311-315.	2.2	7
160	Functional magnetic resonance imaging: functional mapping. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 107, 387-398.	1.8	7
161	Imaging episodic memory during development and childhood epilepsy. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 40.	3.1	7
162	Functional connectivity hemispheric contrast (FC-HC): A new metric for language mapping. <i>NeuroImage: Clinical</i> , 2021, 30, 102598.	2.7	7

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163	Cortical function in epilepsy. <i>Current Opinion in Neurology</i> , 2000, 13, 193-200.	3.6	7
164	Functional Connectivity as a Potential Mechanism for Language Plasticity. <i>Neurology</i> , 2022, 98, .	1.1	7
165	Inequities in Therapy for Infantile Spasms: A Call to Action. <i>Annals of Neurology</i> , 2022, 92, 32-44.	5.3	7
166	Cortical cartography reveals political and physical maps. <i>Epilepsia</i> , 2014, 55, 633-637.	5.1	6
167	Children with refractory epilepsy demonstrate alterations in myocardial strain. <i>Epilepsia</i> , 2020, 61, 2234-2243.	5.1	6
168	Measure thrice, cut twice: On the benefit of reoperation for failed pediatric epilepsy surgery. <i>Epilepsy Research</i> , 2020, 161, 106289.	1.6	6
169	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
170	Virtual reality-based 3-dimensional localization of stereotactic EEG (SEEG) depth electrodes and related brain anatomy in pediatric epilepsy surgery. <i>Child's Nervous System</i> , 2022, 38, 537-546.	1.1	6
171	Spectra of neurotransmitter receptors and ionic responses on cerebral A and B neurons in <i>Aplysia californica</i> . <i>Brain Research</i> , 1986, 373, 303-310.	2.2	5
172	Bilateral and Independent Broca Areas Confirmed by Wada Test and Functional Magnetic Resonance Imaging. <i>Journal of Computer Assisted Tomography</i> , 2009, 33, 560-561.	0.9	5
173	Hippocampal sclerosis in children younger than 2 years. <i>Pediatric Radiology</i> , 2011, 41, 1239-1245.	2.0	5
174	Age-related differences in the brain areas outside the classical language areas among adults using category decision task. <i>Brain and Language</i> , 2012, 120, 372-380.	1.6	5
175	Endovascular embolic hemispherectomy: a strategy for the initial management of catastrophic holohemispheric epilepsy in the neonate. <i>Child's Nervous System</i> , 2017, 33, 521-527.	1.1	5
176	Risk factors, etiologies, and comorbidities in urban pediatric epilepsy. <i>Epilepsy and Behavior</i> , 2021, 115, 107716.	1.7	5
177	Human herpesvirus 6 and epilepsy. <i>Epilepsia Open</i> , 2021, 6, 777-780.	2.4	5
178	Cardiac-based detection of seizures in children with epilepsy. <i>Epilepsy and Behavior</i> , 2021, 122, 108129.	1.7	5
179	Language representation and presurgical language mapping in pediatric epilepsy: A narrative review. <i>Iranian Journal of Child Neurology</i> , 2020, 14, 7-18.	0.3	5
180	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.	1.4	5

#	ARTICLE	IF	CITATIONS
181	The onset of pediatric refractory status epilepticus is not distributed uniformly during the day. Seizure: the Journal of the British Epilepsy Association, 2019, 70, 90-96.	2.0	4
182	Leveraging electronic patient diaries in SUDEP risk evaluation. Epilepsy Research, 2022, 182, 106924.	1.6	4
183	Diagnostic Value of Lumbar Puncture in Afebrile Infants with Suspected New-Onset Seizures. Journal of Pediatrics, 2008, 153, 140-142.	1.8	3
184	Rasmussen encephalitis tissue transfer program. Epilepsia, 2016, 57, 1005-1007.	5.1	3
185	Parental perspectives on provider adherence to AAN epilepsy quality measures in rural and urban tertiary care centers. Epilepsy and Behavior, 2019, 92, 256-259.	1.7	3
186	Differential activation of neuroinflammatory pathways in children with seizures: A cross-sectional study. Seizure: the Journal of the British Epilepsy Association, 2021, 91, 150-158.	2.0	3
187	Toward fMRI Group Identification Based on Brain Lateralization. , 2009, , .		2
188	Electroencephalographic Reporting for Refractory Status Epilepticus. Journal of Clinical Neurophysiology, 2019, 36, 365-370.	1.7	2
189	Differential antiseizure medication sensitivity of the Affective Reactivity Index: A randomized controlled trial in new-onset pediatric focal epilepsy. Epilepsy and Behavior, 2020, 102, 106687.	1.7	2
190	Presurgical Language Mapping in Patients With Intractable Epilepsy: A Review Study. Basic and Clinical Neuroscience, 2021, 12, 163-176.	0.6	2
191	The End Justifies the Means—A Call for Nuance in the Increasing Nationwide Adoption of Stereoelectroencephalography Over Subdural Electrode Monitoring in the Surgical Evaluation of Intractable Epilepsy. JAMA Neurology, 2022, 79, 221.	9.0	2
192	Center for Neuroscience and Behavioral Medicine: An Innovative Administrative Structure and Possible Paradigm for the Future. Pediatric Neurology, 2011, 44, 1-9.	2.1	1
193	Teaching Neuro <i>Images</i> : Homotopic motor distribution on fMRI in closed-lip schizencephaly. Neurology, 2017, 88, e24-e25.	1.1	1
194	Children with new-onset refractory status epilepticus from a multicenter US registry. European Journal of Paediatric Neurology, 2017, 21, e158-e159.	1.6	1
195	Author response to letter to the editor. Epilepsy and Behavior, 2016, 64, 290.	1.7	0
196	Putting value back into the “wRVU”. Neurology, 2020, 94, 57-58.	1.1	0
197	Response: Let us not miss the forest for the trees. Reply to “Echocardiography in epilepsy: A tool to be explored”. Epilepsia, 2021, 62, 1287-1288.	5.1	0
198	Time to Treatment in Pediatric Convulsive Refractory Status Epilepticus: The Weekend Effect. Pediatric Neurology, 2021, 120, 71-79.	2.1	0

#	ARTICLE	IF	CITATIONS
199	Telehealth for patients with rare epilepsies. Therapeutic Advances in Rare Disease, 2022, 3, 263300402210768.	0.7	0