George M Ibrahim

List of Publications by Year
in descending order

188 papers	3,565 citations	136950 32 h-index	206112 48 g-index
193 all docs	193 docs citations	193 times ranked	4447 citing authors

#	Article	IF	Citations
1	Integrated Molecular and Clinical Analysis of 1,000 Pediatric Low-Grade Gliomas. Cancer Cell, 2020, 37, 569-583.e5.	16.8	244
2	Microsurgery for ARUBA Trial (A Randomized Trial of Unruptured Brain Arteriovenous) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (Mal	2.0	94
3	Resilience of developing brain networks to interictal epileptiform discharges is associated with cognitive outcome. Brain, 2014, 137, 2690-2702.	7.6	90
4	Predictors of Seizure Outcomes in Children with Tuberous Sclerosis Complex and Intractable Epilepsy Undergoing Resective Epilepsy Surgery: An Individual Participant Data Meta-Analysis. PLoS ONE, 2013, 8, e53565.	2.5	85
5	The vagus afferent network: emerging role in translational connectomics. Neurosurgical Focus, 2018, 45, E2.	2.3	79
6	Dynamic modulation of epileptic high frequency oscillations by the phase of slower cortical rhythms. Experimental Neurology, 2014, 251, 30-38.	4.1	75
7	The Spectrum of Altmetrics in Neurosurgery: The Top 100 â€œTrendingâ€•Articles in Neurosurgical Journals. World Neurosurgery, 2017, 103, 883-895.e1.	1.3	75
8	Deep brain stimulation for pediatric dystonia: a metaâ€•analysis with individual participant data. Developmental Medicine and Child Neurology, 2019, 61, 49-56.	2.1	75
9	A systematic review of deep brain stimulation for the treatment of drug-resistant epilepsy in childhood. Journal of Neurosurgery: Pediatrics, 2019, 23, 274-284.	1.3	70
10	The Current Use of Social Media in Neurosurgery. World Neurosurgery, 2016, 88, 619-624.e7.	1.3	68
11	Connectomic Profiling Identifies Responders to Vagus Nerve Stimulation. Annals of Neurology, 2019, 86, 743-753.	5.3	68
12	Method of invasive monitoring in epilepsy surgery and seizure freedom and morbidity: A systematic review. Epilepsia, 2019, 60, 1960-1972.	5.1	64
13	The most cited works in epilepsy: Trends in the â€œCitation Classicsâ€• Epilepsia, 2012, 53, 765-770.	5.1	62
14	Presurgical thalamocortical connectivity is associated with response to vagus nerve stimulation in children with intractable epilepsy. NeuroImage: Clinical, 2017, 16, 634-642.	2.7	62
15	Impaired development of intrinsic connectivity networks in children with medically intractable localizationâ€•related epilepsy. Human Brain Mapping, 2014, 35, 5686-5700.	3.6	60
16	Social media in epilepsy: A quantitative and qualitative analysis. Epilepsy and Behavior, 2017, 71, 79-84.	1.7	59
17	Social Media Metrics and Bibliometric Profiles of Neurosurgical Departments andÂJournals: Is There a Relationship?. World Neurosurgery, 2016, 90, 574-579.e7.	1.3	55
18	The Most Cited Works in Aneurysmal Subarachnoid Hemorrhage: A Bibliometric Analysis of the 100 Most Cited Articles. World Neurosurgery, 2016, 89, 587-592.e6.	1.3	47

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19	Deep brain stimulation for Gilles de la Tourette syndrome in children and youth: a meta-analysis with individual participant data. Journal of Neurosurgery: Pediatrics, 2019, 23, 236-246.	1.3	46
20	Anemia After Aneurysmal Subarachnoid Hemorrhage Is Associated With Poor Outcome and Death. Stroke, 2018, 49, 1859-1865.	2.0	45
21	Presurgical and Intraoperative Augmented Reality in Neuro-Oncologic Surgery: Clinical Experiences and Limitations. World Neurosurgery, 2019, 128, 268-276.	1.3	45
22	Dissociation of Early and Delayed Cerebral Infarction After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2016, 47, 2945-2951.	2.0	43
23	The Effects of Fluid Balance and Colloid Administration on Outcomes in Patients with Aneurysmal Subarachnoid Hemorrhage: A Propensity Score-Matched Analysis. Neurocritical Care, 2013, 19, 140-149.	2.4	42
24	Neocortical pathological high-frequency oscillations are associated with frequency-dependent alterations in functional network topology. Journal of Neurophysiology, 2013, 110, 2475-2483.	1.8	41
25	Suboccipital Decompressive Craniectomy for Cerebellar Infarction: A Systematic Review and Meta-Analysis. World Neurosurgery, 2018, 110, 450-459.e5.	1.3	39
26	A systematic review and meta-analysis of endoscopic versus open treatment of craniosynostosis. Part 1: the sagittal suture. Journal of Neurosurgery: Pediatrics, 2018, 22, 352-360.	1.3	39
27	Electrocardiographic Changes Predict Angiographic Vasospasm After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2012, 43, 2102-2107.	2.0	38
28	Readability and quality of wikipedia pages on neurosurgical topics. Clinical Neurology and Neurosurgery, 2018, 166, 66-70.	1.4	38
29	Clinical, laboratory, and radiographic predictors of the occurrence of seizures following aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2013, 119, 347-352.	1.6	37
30	Predictors of Shunt-Dependent Hydrocephalus Following Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2016, 86, 226-232.	1.3	37
31	The Use of Social Media Communications in Brain Aneurysms and Subarachnoid Hemorrhage: A Mixed-Method Analysis. World Neurosurgery, 2017, 98, 456-462.	1.3	37
32	Deep brain stimulation for childhood dystonia: current evidence and emerging practice. Expert Review of Neurotherapeutics, 2018, 18, 773-784.	2.8	37
33	Biomarkers of seizure response to vagus nerve stimulation: A scoping review. Epilepsia, 2020, 61, 2069-2085.	5.1	34
34	Method of Aneurysm Treatment Does Not Affect Clot Clearance After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2012, 70, 102-109.	1.1	32
35	Operative complications and differences in outcome after clipping and coiling of ruptured intracranial aneurysms. Journal of Neurosurgery, 2015, 123, 621-628.	1.6	32
36	A systematic review of endoscopic versus open treatment of craniosynostosis. Part 2: the nonsagittal single sutures. Journal of Neurosurgery: Pediatrics, 2018, 22, 361-368.	1.3	32

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37	Efficacy and safety of endoscopic third ventriculostomy and choroid plexus cauterization for infantile hydrocephalus: a systematic review and meta-analysis. Child's Nervous System, 2016, 32, 2119-2131.	1.1	30
38	Implantable Pulse Generators for Deep Brain Stimulation: Challenges, Complications, and Strategies for Practicality and Longevity. Frontiers in Human Neuroscience, 2021, 15, 708481.	2.0	30
39	Interobserver variability in the interpretation of computed tomography following aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2011, 115, 1191-1196.	1.6	29
40	Acquired Chiari Malformation and Syringomyelia Secondary to Space-Occupying Lesions: A Systematic Review. World Neurosurgery, 2017, 98, 800-808.e2.	1.3	29
41	Hemispherectomy Outcome Prediction Scale: Development and validation of a seizure freedom prediction tool. Epilepsia, 2021, 62, 1064-1073.	5.1	29
42	Patient phenotypes associated with outcome following surgery for mild degenerative cervical myelopathy: a principal component regression analysis. Spine Journal, 2018, 18, 2220-2231.	1.3	28
43	Deep brain stimulation for pantothenate kinaseâ€associated neurodegeneration: A metaâ€analysis. Movement Disorders, 2019, 34, 264-273.	3.9	27
44	Survival in pediatric medulloblastoma: a population-based observational study to improve prognostication. Journal of Neuro-Oncology, 2017, 132, 99-107.	2.9	26
45	FcÎ±RI binding at the IgA1 C _H 2â€“C _H 3 interface induces long-range conformational changes that are transmitted to the hinge region. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8882-E8891.	7.1	26
46	The role of social media in selective dorsal rhizotomy for children: information sharing and social support. Child's Nervous System, 2019, 35, 2179-2185.	1.1	26
47	Attributing Hypodensities on CT to Angiographic Vasospasm Is Not Sensitive and Unreliable. Stroke, 2012, 43, 109-112.	2.0	25
48	Occipital lobe epilepsy in children: Characterization, evaluation and surgical outcomes. Epilepsy Research, 2012, 99, 335-345.	1.6	25
49	Network Basis of Seizures Induced by Deep Brain Stimulation: Literature Review and Connectivity Analysis. World Neurosurgery, 2019, 132, 314-320.	1.3	23
50	Patient Phenotypes Associated With Outcomes After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2014, 45, 670-676.	2.0	22
51	Thalamocortical connectivity is enhanced following functional hemispherotomy for intractable lateralized epilepsy. Epilepsy and Behavior, 2015, 51, 281-285.	1.7	22
52	Multimodal localization and surgery for epileptic spasms of focal origin: a review. Neurosurgical Focus, 2018, 45, E4.	2.3	22
53	Inequities in access to pediatric epilepsy surgery: a bioethical framework. Neurosurgical Focus, 2012, 32, E2.	2.3	21
54	Lesion Network Localization of Seizure Freedom following MR-guidedÂ Laser Interstitial Thermal Ablation. Scientific Reports, 2019, 9, 18598.	3.3	21

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55	Local Field Potential-Based Programming: AÂProof-of-Concept Pilot Study. Neuromodulation, 2022, 25, 271-275.	0.8	21
56	Ethical issues in surgical decision making concerning children with medically intractable epilepsy. Epilepsy and Behavior, 2011, 22, 154-157.	1.7	20
57	A Framework for the Monitoring and Evaluation of International Surgical Initiatives in Low- and Middle-Income Countries. PLoS ONE, 2015, 10, e0120368.	2.5	20
58	Magnetic Resonanceâ€“Guided Laser Interstitial Thermal Therapy for Mesial Temporal Epilepsy: A Case Series Analysis of Outcomes and Complications at 2-Year Follow-Up. World Neurosurgery, 2019, 126, e1121-e1129.	1.3	20
59	Local and large-scale beta oscillatory dysfunction in males with mild traumatic brain injury. Journal of Neurophysiology, 2020, 124, 1948-1958.	1.8	20
60	Competing for patients: an ethical framework for recruiting patients with brain tumors into clinical trials. Journal of Neuro-Oncology, 2011, 104, 623-627.	2.9	19
61	Atypical language laterality is associated with large-scale disruption of network integration in children with intractable focal epilepsy. Cortex, 2015, 65, 83-88.	2.4	19
62	Awake craniotomy for supratentorial gliomas: why, when and how?. CNS Oncology, 2012, 1, 71-83.	3.0	18
63	Primary Ewingâ€™s sarcoma affecting the central nervous system: a review and proposed prognostic considerations. Journal of Clinical Neuroscience, 2012, 19, 203-209.	1.5	18
64	Resective epilepsy surgery involving eloquent cortex in the age of responsive neurostimulation: A value-based decision-making framework. Epilepsy and Behavior, 2019, 99, 106479.	1.7	18
65	Loss of Consciousness at Onset of Aneurysmal Subarachnoid Hemorrhage is Associated with Functional Outcomes in Good-Grade Patients. World Neurosurgery, 2017, 98, 308-313.	1.3	17
66	Somatosensory evoked fields predict response to vagus nerve stimulation. NeuroImage: Clinical, 2020, 26, 102205.	2.7	17
67	Comparison of the realâ€world effectiveness of vertical versus lateral functional hemispherotomy techniques for pediatric drugâ€resistant epilepsy: A post hoc analysis of the HOPS study. Epilepsia, 2021, 62, 2707-2718.	5.1	17
68	Corticospinal tract atrophy and motor fMRI predict motor preservation after functional cerebral hemispherectomy. Journal of Neurosurgery: Pediatrics, 2018, 21, 81-89.	1.3	16
69	Editorial. An ethical framework for deep brain stimulation in children. Neurosurgical Focus, 2018, 45, E11.	2.3	16
70	Identification of neural networks preferentially engaged by epileptogenic mass lesions through lesion network mapping analysis. Scientific Reports, 2020, 10, 10989.	3.3	16
71	Comparison of interventions and outcomes of enhanced recovery after surgery: a systematic review and meta-analysis of 2456 adolescent idiopathic scoliosis cases. European Spine Journal, 2021, 30, 3457-3472.	2.2	15
72	Epilepsy surgery in childhood: no longer the treatment of last resort. Cmaj, 2014, 186, 973-974.	2.0	14

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73	National socioeconomic indicators are associated with outcomes after aneurysmal subarachnoid hemorrhage: a hierarchical mixed-effects analysis. Journal of Neurosurgery, 2014, 121, 1039-1047.	1.6	14
74	Presurgical hyperconnectivity of the ablation volume is associated with seizure-freedom after magnetic resonance-guided laser interstitial thermal therapy. Seizure: the Journal of the British Epilepsy Association, 2018, 61, 89-93.	2.0	14
75	Temporalâ€plus epilepsy in children: A connectomic analysis in magnetoencephalography. Epilepsia, 2020, 61, 1691-1700.	5.1	14
76	Atonic seizures in children: a meta-analysis comparing corpus callosotomy to vagus nerve stimulation. Child's Nervous System, 2021, 37, 259-267.	1.1	14
77	Selective dorsal rhizotomy: an illustrated review of operative techniques. Journal of Neurosurgery: Pediatrics, 2020, 25, 540-547.	1.3	14
78	Medical studentsâ€™ attitudes towards treating patients with HIV: A 12-year follow-up study. Medical Teacher, 2012, 34, 254-254.	1.8	13
79	A partial least squares analysis of seizure outcomes following resective surgery for tuberous sclerosis complex in children with intractable epilepsy. Child's Nervous System, 2015, 31, 181-184.	1.1	13
80	Characterization of Autism Spectrum Disorder across the Age Span by Intrinsic Network Patterns. Brain Topography, 2019, 32, 461-471.	1.8	13
81	Disruption of Rolandic Gamma-Band Functional Connectivity by Seizures is Associated with Motor Impairments in Children with Epilepsy. PLoS ONE, 2012, 7, e39326.	2.5	13
82	Functional hemispherectomy: can preoperative imaging predict outcome?. Journal of Neurosurgery: Pediatrics, 2020, 25, 567-573.	1.3	13
83	The use of high frequency oscillations to guide neocortical resections in children with medically-intractable epilepsy: How do we ethically apply surgical innovations to patient care?. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 743-747.	2.0	12
84	Thalamocortical dysrhythmia in intraoperative recordings of focal epilepsy. Journal of Neurophysiology, 2019, 121, 2020-2027.	1.8	12
85	Detection of high-frequency oscillations in electroencephalography: A scoping review and an adaptable open-source framework. Seizure: the Journal of the British Epilepsy Association, 2021, 84, 23-33.	2.0	12
86	A Partial Least-Squares Analysis of Health-Related Quality-of-Life Outcomes After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2015, 77, 908-915.	1.1	11
87	The importance of extent of choroid plexus cauterization in addition to endoscopic third ventriculostomy for infantile hydrocephalus: a retrospective North American observational study using propensity scoreâ€“adjusted analysis. Journal of Neurosurgery: Pediatrics, 2017, 20, 503-510.	1.3	11
88	High voltage 14â€¯Hz hippocampal discharges on stereotactic EEG underlying 14&6â€¯Hz positive bursts on scalp EEG. Clinical Neurophysiology, 2018, 129, 1626-1627.	1.5	11
89	Aggressiveness after centromedian nucleus stimulation engages prefrontal thalamocortical circuitry. Brain Stimulation, 2020, 13, 357-359.	1.6	11
90	Choice and Trade-offs: Parent Decision Making for Neurotechnologies for Pediatric Drug-Resistant Epilepsy. Journal of Child Neurology, 2021, 36, 943-949.	1.4	11

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91	A systematic review on neuromodulation therapies for reducing body weight in patients with obesity. Obesity Reviews, 2021, 22, e13309.	6.5	11
92	Interest and participation in global neurosurgery: a survey of Canadian neurosurgery residents. Neurosurgical Focus, 2020, 48, E21.	2.3	11
93	Arachnoiditis ossificans associated with syringomyelia: An unusual cause of myelopathy. Evidence-based Spine-care Journal, 2010, 1, 46-51.	0.9	10
94	Novel Neurotechnological Interventions for Pediatric Drug-Resistant Epilepsy: Physician Perspectives. Journal of Child Neurology, 2021, 36, 222-229.	1.4	10
95	The Child & Youth CompreHensIve Longitudinal Database for Deep Brain Stimulation (CHILD-DBS). Child's Nervous System, 2021, 37, 607-615.	1.1	10
96	Mapping efficacious deep brain stimulation for pediatric dystonia. Journal of Neurosurgery: Pediatrics, 2021, 27, 346-356.	1.3	10
97	Long-term outcomes after surgery for catastrophic epilepsy in infants: institutional experience and review of the literature. Journal of Neurosurgery: Pediatrics, 2020, 26, 157-164.	1.3	10
98	Deep brain stimulation for extreme behaviors associated with autism spectrum disorder converges on a common pathway: a systematic review and connectomic analysis. Journal of Neurosurgery, 2022, , 1-10.	1.6	10
99	Identifying the neural network for neuromodulation in epilepsy through connectomics and graphs. Brain Communications, 2022, 4, .	3.3	10
100	Altered Rolandic Gamma-Band Activation Associated with Motor Impairment and Ictal Network Desynchronization in Childhood Epilepsy. PLoS ONE, 2013, 8, e54943.	2.5	9
101	Mapping the Network of Neuropsychological Impairment in Children with Autism Spectrum Disorder: A Graph Theoretical Analysis. Journal of Autism and Developmental Disorders, 2016, 46, 3770-3777.	2.7	9
102	Phase-amplitude coupling within the anterior thalamic nuclei during seizures. Journal of Neurophysiology, 2018, 119, 1497-1505.	1.8	9
103	Invasive Neuromodulation for the Treatment of Pediatric Epilepsy. Neurotherapeutics, 2019, 16, 128-133.	4.4	9
104	Systematic review of spinal deformities following multi-level selective dorsal rhizotomy. Child's Nervous System, 2020, 36, 1025-1035.	1.1	9
105	A Systematic Review of Minimally Invasive Procedures for Mesial Temporal Lobe Epilepsy: Too Minimal, Too Fast?. Neurosurgery, 2021, 89, 164-176.	1.1	9
106	Neurosurgeon academic impact is associated with clinical outcomes after clipping of ruptured intracranial aneurysms. PLoS ONE, 2017, 12, e0181521.	2.5	9
107	Seizure outcomes in children with Rasmussenâ€™s encephalitis undergoing resective or hemispheric epilepsy surgery: an individual participant data meta-analysis. Journal of Neurosurgery: Pediatrics, 2020, 25, 274-283.	1.3	9
108	The anterior and centromedian thalamus: Anatomy, function, and dysfunction in epilepsy. Epilepsy Research, 2022, 182, 106913.	1.6	9

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109	Priority Setting in Neurosurgery as Exemplified by an Everyday Challenge. Canadian Journal of Neurological Sciences, 2013, 40, 378-383.	0.5	8
110	The Oscillatory Basis of Working Memory Function and Dysfunction in Epilepsy. Frontiers in Human Neuroscience, 2020, 14, 612024.	2.0	8
111	Association between weekend admissions and mortality after aneurysmal subarachnoid hemorrhage: the â€œweekend effectâ€•revisited. Journal of Neurosurgery, 2020, 132, 1167-1173.	1.6	8
112	Multiple hippocampal transections: Post-operative Memory Outcomes and Seizure Control. Epilepsy and Behavior, 2019, 100, 106496.	1.7	7
113	Klippel Feil Syndrome. Spine, 2020, 45, 718-726.	2.0	7
114	Mild traumatic brain injury is associated with dysregulated neural network functioning in children and adolescents. Brain Communications, 2021, 3, fcab044.	3.3	7
115	Phase Resetting in the Anterior Cingulate Cortex Subserves Childhood Attention and Is Impaired by Epilepsy. Cerebral Cortex, 2021, 32, 29-40.	2.9	7
116	Clinical phenotypes associated with outcomes following deep brain stimulation for childhood dystonia. Journal of Neurosurgery: Pediatrics, 2019, 24, 442-450.	1.3	7
117	The network topology of aneurysmal subarachnoid haemorrhage. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 895-901.	1.9	6
118	Internet search volumes in brain aneurysms and subarachnoid hemorrhage: Is there evidence of seasonality?. Clinical Neurology and Neurosurgery, 2017, 158, 1-4.	1.4	6
119	Survival of infants â‰¥24 months of age with brain tumors: AÂpopulation-based study using the SEER database. PLoS ONE, 2019, 14, e0223051.	2.5	6
120	Patient phenotypes and clinical outcomes in invasive monitoring for epilepsy: An individual patient data meta-analysis. Epilepsy and Behavior, 2020, 102, 106652.	1.7	6
121	Selective dorsal rhizotomy for spasticity of genetic etiology. Child's Nervous System, 2020, 36, 1357-1365.	1.1	6
122	Surgical targeting of large hypothalamic hamartomas and seizure-freedom following MR-guided laser interstitial thermal therapy. Epilepsy and Behavior, 2021, 116, 107774.	1.7	6
123	A review of magnetoencephalography use in pediatric epilepsy: an update on best practice. Expert Review of Neurotherapeutics, 2021, 21, 1225-1240.	2.8	6
124	Endoscopic third ventriculostomy with choroid plexus cauterization for the treatment of infantile hydrocephalus in Haiti. Journal of Neurosurgery: Pediatrics, 2020, 25, 411-416.	1.3	6
125	Habenula as a Neural Substrate for Aggressive Behavior. Frontiers in Psychiatry, 2022, 13, 817302.	2.6	6
126	Development and validation of machine learning models for prediction of seizure outcome after pediatric epilepsy surgery. Epilepsia, 2022, 63, 1956-1969.	5.1	6

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127	Gouty Arthropathy of the Axial Skeleton Causing Cord Compression and Myelopathy. Canadian Journal of Neurological Sciences, 2011, 38, 918-920.	0.5	5
128	Network analysis reveals patterns of antiepileptic drug use in children with medically intractable epilepsy. Epilepsy and Behavior, 2013, 28, 22-25.	1.7	5
129	Endoscopic third ventriculostomy and choroid plexus cauterization (ETV/CPC) for hydrocephalus of infancy: a technical review. Child's Nervous System, 2021, 37, 3509-3519.	1.1	5
130	An open-label prospective pilot trial of nucleus accumbens deep brain stimulation for children with autism spectrum disorder and severe, refractory self-injurious behavior: study protocol. Pilot and Feasibility Studies, 2022, 8, 24.	1.2	5
131	Midline Brain Shift After Hemispheric Surgery: Natural History, Clinical Significance, and Association With Cerebrospinal Fluid Diversion. Operative Neurosurgery, 2022, 22, 269-276.	0.8	5
132	Epilepsy disrupts hippocampal phase precision and impairs working memory. Epilepsia, 2022, 63, 2583-2596.	5.1	5
133	Traumatic craniocervical dissociation. British Journal of Neurosurgery, 2012, 26, 572-573.	0.8	4
134	Iatrogenic neurological injury in children with trisomy 21. International Journal of Pediatric Otorhinolaryngology, 2018, 114, 36-43.	1.0	4
135	Providing Surgery for Medically Intractable Epilepsy in Low- and Middle-Income Countries. JAMA Neurology, 2018, 75, 1041.	9.0	4
136	Surgical outcomes for medically intractable epilepsy in low- and middle-income countries: a systematic review and meta-analysis. Journal of Neurosurgery, 2019, 131, 1068-1078.	1.6	4
137	A partial least squares analysis of functional status, disability, and quality of life after surgical decompression for degenerative cervical myelopathy. Scientific Reports, 2020, 10, 16132.	3.3	4
138	Novel tonometer device distinguishes brain stiffness in epilepsy surgery. Scientific Reports, 2020, 10, 20978.	3.3	4
139	Assessment and treatment of childhood epilepsyÂin Haiti. Epilepsia Open, 2020, 5, 190-197.	2.4	4
140	Surgical management of pediatric patients with encephalopathy due to electrical status epilepticus during sleep (ESES). Epileptic Disorders, 2020, 22, 39-54.	1.3	4
141	Clinician preferences for neurotechnologies in pediatric drugâ€resistant epilepsy: A discrete choice experiment. Epilepsia, 2022, 63, 2338-2349.	5.1	4
142	Interictal discharges delay targetâ€directed eye movements and impair attentional setâ€shifting in children with epilepsy. Epilepsia, 2022, 63, 2571-2582.	5.1	4
143	Vagus Nerve Stimulation Modulates Phase-Amplitude Coupling in Thalamic Local Field Potentials. Neuromodulation, 2023, 26, 601-606.	0.8	4
144	Central Venous Catheter Placement: Where Is the Tip?. American Journal of Critical Care, 2012, 21, 370-371.	1.6	3

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145	Changing Global Trends in Seizure Outcomes Following Resective Surgery for Tuberous Sclerosis in Children with Medically Intractable Epilepsy. Epilepsy Research & Treatment, 2012, 2012, 1-5.	1.4	3
146	The â€œSAAFEâ€•Neurosurgical Sign-out. World Neurosurgery, 2014, 81, e21-e23.	1.3	3
147	Delayed Chronic Subdural Hematoma after Total Cranial Vault Reconstruction for Sagittal Synostosis. Pediatric Neurosurgery, 2018, 53, 200-204.	0.7	3
148	Epilepsy surgery for children with severe developmental delay: An ethical double jeopardy. Epilepsy and Behavior, 2019, 90, 287-290.	1.7	3
149	Intrathecal baclofen for hereditary spastic paraplegia (HSP). Child's Nervous System, 2020, 36, 1585-1587.	1.1	3
150	Effect of Gene Mutation on Seizures in Surgery for Tuberous Sclerosis Complex. Canadian Journal of Neurological Sciences, 2021, 48, 327-334.	0.5	3
151	Supplementing Extraoperative Electrocorticography With Real-Time Intraoperative Recordings Using the Same Chronically Implanted Electrodes. Operative Neurosurgery, 2021, 20, 559-564.	0.8	3
152	Lesions causing self-injurious behavior engage putative networks modulated by deep brain stimulation. Brain Stimulation, 2021, 14, 273-276.	1.6	3
153	Impact of Mesial Temporal Lobe Resection on Brain Structure in Medically Refractory Epilepsy. World Neurosurgery, 2021, 152, e652-e665.	1.3	3
154	Spectral changes following resective epilepsy surgery and neurocognitive function in children with epilepsy. Journal of Neurophysiology, 2021, 126, 1614-1621.	1.8	3
155	Connectomic profiling and Vagus nerve stimulation Outcomes Study (CONNECTiVOS): a prospective observational protocol to identify biomarkers of seizure response in children and youth. BMJ Open, 2022, 12, e055886.	1.9	3
156	Connectomic Profiles and Cognitive Trajectories After Epilepsy Surgery in Children. Neurology, 2022, 98, .	1.1	3
157	Microsurgical glue embolectomy of the middle cerebral artery following embolization of a maxillofacial arteriovenous malformation. Journal of Clinical Neuroscience, 2011, 18, 1733-1736.	1.5	2
158	The diagnosis of spinal tumors: established and emerging methods. Expert Opinion on Medical Diagnostics, 2012, 6, 95-108.	1.6	2
159	Crossâ€national disparities contribute to heterogeneity in patient outcomes following invasive monitoring: A hierarchical mixedâ€effects analysis. Epilepsia, 2020, 61, e116-e123.	5.1	2
160	Giant choroid plexus cysts with calvarial erosion: a case report and literature review. Child's Nervous System, 2021, 37, 2381-2385.	1.1	2
161	An exploratory study into the influence of laterality and location of hippocampal sclerosis on seizure prognosis and global cortical thinning. Scientific Reports, 2021, 11, 4686.	3.3	2
162	Autologous Calvarial Bone Remodeling Technique for Small to Medium-Sized Cranial Defects in Young Children: The â€œSwitch-Cranioplastyâ€•Technique. Pediatric Neurosurgery, 2021, 56, 248-253.	0.7	2

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163	The Dilemma of Hemispherectomy for Rasmussen's Encephalitis in a Neurologically Intact Child. Journal of Pediatric Epilepsy, 2020, 9, 059-066.	0.2	2
164	Comparison of intrathecal baclofen pump insertion and selective dorsal rhizotomy for nonambulatory children with predominantly spastic cerebral palsy. Journal of Neurosurgery: Pediatrics, 2022, 30, 217-223.	1.3	2
165	Subdural Collection as Initial Presentation of Granulomatosis With Polyangiitis. JAMA Neurology, 2016, 73, 602.	9.0	1
166	moviEEG: An animation toolbox for visualization of intracranial electroencephalography synchronization dynamics. Clinical Neurophysiology, 2016, 127, 2370-2378.	1.5	1
167	A child with a stroke, drug-refractory epilepsy and congenital heart disease: can a hemispherectomy be safely performed between staged cardiac procedures?. Child's Nervous System, 2019, 35, 1245-1249.	1.1	1
168	Improving access to selective dorsal rhizotomy for children with cerebral palsy. Cmaj, 2019, 191, E1205-E1206.	2.0	1
169	Childhood choreoathetosis secondary to hyper-IgM syndrome (CD40 ligand deficiency). Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e899.	6.0	1
170	A needs assessment of pediatric epilepsy surgery in Haiti. Journal of Neurosurgery: Pediatrics, 2021, 27, 189-195.	1.3	1
171	Commentary: Tract-Specific Relationships Between Cerebrospinal Fluid Biomarkers and Periventricular White Matter in Posthemorrhagic Hydrocephalus of Prematurity. Neurosurgery, 2021, 88, E267-E268.	1.1	1
172	Neuromodulation. , 2020, , 2221-2240.		1
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