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	Vagus Nerve Stimulation Modulates Phase-Amplitude Coupling in Thalamic Local Field Potentials. Neuromodulation, 2023, 26, 601-606.	0.8	4
2	Local Field Potential-Based Programming: AÂProof-of-Concept Pilot Study. Neuromodulation, 2022, 25, 271-275.	0.8	21
3	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
4	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
5	Habenula as a Neural Substrate for Aggressive Behavior. Frontiers in Psychiatry, 2022, 13, 817302.	2.6	6
6	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
7	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
8	Identifying the neural network for neuromodulation in epilepsy through connectomics and graphs. Brain Communications, 2022, 4, .	3.3	10
9	The anterior and centromedian thalamus: Anatomy, function, and dysfunction in epilepsy. Epilepsy Research, 2022, 182, 106913.	1.6	9
10	Connectomic Profiles and Cognitive Trajectories After Epilepsy Surgery in Children. Neurology, 2022, 98, .	1.1	3
11	Clinician preferences for neurotechnologies in pediatric drugâ€resistant epilepsy: A discrete choice experiment. Epilepsia, 2022, 63, 2338-2349.	5.1	4
12	Development and validation of machine learning models for prediction of seizure outcome after pediatric epilepsy surgery. Epilepsia, 2022, 63, 1956-1969.	5.1	6
13	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
14	Epilepsy disrupts hippocampal phase precision and impairs working memory. Epilepsia, 2022, 63, 2583-2596.	5.1	5
15	Interictal discharges delay targetâ€directed eye movements and impair attentional setâ€shifting in children with epilepsy. Epilepsia, 2022, 63, 2571-2582.	5.1	4
16	Giant choroid plexus cysts with calvarial erosion: a case report and literature review. Child's Nervous System, 2021, 37, 2381-2385.	1.1	2
17	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
18	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

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19	Novel Neurotechnological Interventions for Pediatric Drug-Resistant Epilepsy: Physician Perspectives. Journal of Child Neurology, 2021, 36, 222-229.	1.4	10
20	The Child & Youth CompreHensIve Longitudinal Database for Deep Brain Stimulation (CHILD-DBS). Child's Nervous System, 2021, 37, 607-615.	1.1	10
21	Effect of Gene Mutation on Seizures in Surgery for Tuberous Sclerosis Complex. Canadian Journal of Neurological Sciences, 2021, 48, 327-334.	0.5	3
22	From vision to action: Canadian leadership in ethics and neurotechnology. International Review of Neurobiology, 2021, 159, 241-273.	2.0	0
23	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
24	A needs assessment of pediatric epilepsy surgery in Haiti. Journal of Neurosurgery: Pediatrics, 2021, 27, 189-195.	1.3	1
25	Supplementing Extraoperative Electrocorticography With Real-Time Intraoperative Recordings Using the Same Chronically Implanted Electrodes. Operative Neurosurgery, 2021, 20, 559-564.	0.8	3
26	Hemispherectomy Outcome Prediction Scale: Development and validation of a seizure freedom prediction tool. Epilepsia, 2021, 62, 1064-1073.	5.1	29
27	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
28	Mild traumatic brain injury is associated with dysregulated neural network functioning in children and adolescents. Brain Communications, 2021, 3, fcab044.	3.3	7
29	Lesions causing self-injurious behavior engage putative networks modulated by deep brain stimulation. Brain Stimulation, 2021, 14, 273-276.	1.6	3
30	Mapping efficacious deep brain stimulation for pediatric dystonia. Journal of Neurosurgery: Pediatrics, 2021, 27, 346-356.	1.3	10
31	A review of magnetoencephalography use in pediatric epilepsy: an update on best practice. Expert Review of Neurotherapeutics, 2021, 21, 1225-1240.	2.8	6
32	A Systematic Review of Minimally Invasive Procedures for Mesial Temporal Lobe Epilepsy: Too Minimal, Too Fast?. Neurosurgery, 2021, 89, 164-176.	1.1	9
33	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
34	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
35	Phase Resetting in the Anterior Cingulate Cortex Subserves Childhood Attention and Is Impaired by Epilepsy. Cerebral Cortex, 2021, 32, 29-40.	2.9	7
36	A systematic review on neuromodulation therapies for reducing body weight in patients with obesity. Obesity Reviews, 2021, 22, e13309.	6.5	11

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37	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
38	Impact of Mesial Temporal Lobe Resection on Brain Structure in Medically Refractory Epilepsy. World Neurosurgery, 2021, 152, e652-e665.	1.3	3
39	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
40	Spectral changes following resective epilepsy surgery and neurocognitive function in children with epilepsy. Journal of Neurophysiology, 2021, 126, 1614-1621.	1.8	3
41	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
42	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
43	Deep brain stimulation for pediatric dystonia. , 2021, , 419-428.		0
44	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
45	Brainstem Associated Somatosensory Evoked Potentials and Response to Vagus Nerve Stimulation: An Investigation of the Vagus Afferent Network. Frontiers in Neurology, 2021, 12, 768539.	2.4	0
46	Systematic review of spinal deformities following multi-level selective dorsal rhizotomy. Child's Nervous System, 2020, 36, 1025-1035.	1.1	9
47	Aggressiveness after centromedian nucleus stimulation engages prefrontal thalamocortical circuitry. Brain Stimulation, 2020, 13, 357-359.	1.6	11
48	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
49	Childhood choreoathetosis secondary to hyper-IgM syndrome (CD40 ligand deficiency). Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, e899.	6.0	1
50	Identification of neural networks preferentially engaged by epileptogenic mass lesions through lesion network mapping analysis. Scientific Reports, 2020, 10, 10989.	3.3	16
51	Local and large-scale beta oscillatory dysfunction in males with mild traumatic brain injury. Journal of Neurophysiology, 2020, 124, 1948-1958.	1.8	20
52	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
53	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
54	Biomarkers of seizure response to vagus nerve stimulation: A scoping review. Epilepsia, 2020, 61, 2069-2085.	5.1	34

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55	Novel tonometer device distinguishes brain stiffness in epilepsy surgery. Scientific Reports, 2020, 10, 20978.	3.3	4
56	Multidimensional analytical methods and their clinical interpretation. Epilepsia, 2020, 61, 2611-2612.	5.1	0
57	Klippel Feil Syndrome. Spine, 2020, 45, 718-726.	2.0	7
58	Intrathecal baclofen for hereditary spastic paraplegia (HSP). Child's Nervous System, 2020, 36, 1585-1587.	1.1	3
59	Temporalâ€plus epilepsy in children: A connectomic analysis in magnetoencephalography. Epilepsia, 2020, 61, 1691-1700.	5.1	14
60	Assessment and treatment of childhood epilepsyÂin Haiti. Epilepsia Open, 2020, 5, 190-197.	2.4	4
61	Somatosensory evoked fields predict response to vagus nerve stimulation. NeuroImage: Clinical, 2020, 26, 102205.	2.7	17
62	Integrated Molecular and Clinical Analysis of 1,000 Pediatric Low-Grade Gliomas. Cancer Cell, 2020, 37, 569-583.e5.	16.8	244
63	Selective dorsal rhizotomy for spasticity of genetic etiology. Child's Nervous System, 2020, 36, 1357-1365.	1.1	6
64	The Oscillatory Basis of Working Memory Function and Dysfunction in Epilepsy. Frontiers in Human Neuroscience, 2020, 14, 612024.	2.0	8
65	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
66	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
67	Interest and participation in global neurosurgery: a survey of Canadian neurosurgery residents. Neurosurgical Focus, 2020, 48, E21.	2.3	11
68	Functional hemispherectomy: can preoperative imaging predict outcome?. Journal of Neurosurgery: Pediatrics, 2020, 25, 567-573.	1.3	13
69	Selective dorsal rhizotomy: an illustrated review of operative techniques. Journal of Neurosurgery: Pediatrics, 2020, 25, 540-547.	1.3	14
70	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
71	The Dilemma of Hemispherectomy for Rasmussen's Encephalitis in a Neurologically Intact Child. Journal of Pediatric Epilepsy, 2020, 9, 059-066.	0.2	2
72	Letter to the Editor. The fallacy of sunk cost: decision-making after intrauterine myelomeningocele repair. Journal of Neurosurgery: Pediatrics, 2020, 26, 219-220.	1.3	0

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73	RARE-09. PRESERVATION OF ENDOCRINE FUNCTION AFTER OMMAYA RESERVOIR INSERTION IN CHILDREN WITH CYSTIC CRANIOPHARYNGIOMA. Neuro-Oncology, 2020, 22, iii443-iii443.	1.2	0
74	Neuromodulation. , 2020, , 2221-2240.		1
75	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
76	Surgical management of pediatric patients with encephalopathy due to electrical status epilepticus during sleep (ESES). Epileptic Disorders, 2020, 22, 39-54.	1.3	4
77	Method of invasive monitoring in epilepsy surgery and seizure freedom and morbidity: A systematic review. Epilepsia, 2019, 60, 1960-1972.	5.1	64
78	Connectomic Profiling Identifies Responders to Vagus Nerve Stimulation. Annals of Neurology, 2019, 86, 743-753.	5.3	68
79	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
80	Presurgical and Intraoperative Augmented Reality in Neuro-Oncologic Surgery: Clinical Experiences and Limitations. World Neurosurgery, 2019, 128, 268-276.	1.3	45
81	Network Basis of Seizures Induced by Deep Brain Stimulation: Literature Review and Connectivity Analysis. World Neurosurgery, 2019, 132, 314-320.	1.3	23
82	Multiple hippocampal transections: Post-operative Memory Outcomes and Seizure Control. Epilepsy and Behavior, 2019, 100, 106496.	1.7	7
83	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
84	Characterization of Autism Spectrum Disorder across the Age Span by Intrinsic Network Patterns. Brain Topography, 2019, 32, 461-471.	1.8	13
85	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
86	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
87	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
88	Thalamocortical dysrhythmia in intraoperative recordings of focal epilepsy. Journal of Neurophysiology, 2019, 121, 2020-2027.	1.8	12
89	Improving access to selective dorsal rhizotomy for children with cerebral palsy. Cmaj, 2019, 191, E1205-E1206.	2.0	1
90	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

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91	NIMG-25. LESION-NETWORK ANALYSIS TO IDENTIFY PREFERENTIALLY-ENGAGED NETWORKS IN EPILEPTOGENIC TUMORS. Neuro-Oncology, 2019, 21, vi166-vi167.	1.2	0
92	Lesion Network Localization of Seizure Freedom following MR-guidedÂ Laser Interstitial Thermal Ablation. Scientific Reports, 2019, 9, 18598.	3.3	21
93	Deep brain stimulation for pantothenate kinaseâ€associated neurodegeneration: A metaâ€analysis. Movement Disorders, 2019, 34, 264-273.	3.9	27
94	Epilepsy surgery for children with severe developmental delay: An ethical double jeopardy. Epilepsy and Behavior, 2019, 90, 287-290.	1.7	3
95	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
96	Invasive Neuromodulation for the Treatment of Pediatric Epilepsy. Neurotherapeutics, 2019, 16, 128-133.	4.4	9
97	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
98	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
99	Clinical phenotypes associated with outcomes following deep brain stimulation for childhood dystonia. Journal of Neurosurgery: Pediatrics, 2019, 24, 442-450.	1.3	7
100	Neuromodulation. , 2019, , 1-25.		0
101	Title is missing!. , 2019, 14, e0223051.		0
102	Title is missing!. , 2019, 14, e0223051.		0
103	Title is missing!. , 2019, 14, e0223051.		0
104	Title is missing!. , 2019, 14, e0223051.		0
105	Readability and quality of wikipedia pages on neurosurgical topics. Clinical Neurology and Neurosurgery, 2018, 166, 66-70.	1.4	38
106	Delayed Chronic Subdural Hematoma after Total Cranial Vault Reconstruction for Sagittal Synostosis. Pediatric Neurosurgery, 2018, 53, 200-204.	0.7	3
107	Suboccipital Decompressive Craniectomy for Cerebellar Infarction: A Systematic Review and Meta-Analysis. World Neurosurgery, 2018, 110, 450-459.e5.	1.3	39
108	Corticospinal tract atrophy and motor fMRI predict motor preservation after functional cerebral hemispherectomy. Journal of Neurosurgery: Pediatrics, 2018, 21, 81-89.	1.3	16

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109	Editorial. An ethical framework for deep brain stimulation in children. Neurosurgical Focus, 2018, 45, E11.	2.3	16
110	Deep brain stimulation for childhood dystonia: current evidence and emerging practice. Expert Review of Neurotherapeutics, 2018, 18, 773-784.	2.8	37
111	Iatrogenic neurological injury in children with trisomy 21. International Journal of Pediatric Otorhinolaryngology, 2018, 114, 36-43.	1.0	4
112	The vagus afferent network: emerging role in translational connectomics. Neurosurgical Focus, 2018, 45, E2.	2.3	79
113	Multimodal localization and surgery for epileptic spasms of focal origin: a review. Neurosurgical Focus, 2018, 45, E4.	2.3	22
114	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
115	Anemia After Aneurysmal Subarachnoid Hemorrhage Is Associated With Poor Outcome and Death. Stroke, 2018, 49, 1859-1865.	2.0	45
116	Phase-amplitude coupling within the anterior thalamic nuclei during seizures. Journal of Neurophysiology, 2018, 119, 1497-1505.	1.8	9
117	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
118	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
119	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
120	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
121	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
122	Providing Surgery for Medically Intractable Epilepsy in Low- and Middle-Income Countries. JAMA Neurology, 2018, 75, 1041.	9.0	4
123	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
124	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
125	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
126	Social media in epilepsy: A quantitative and qualitative analysis. Epilepsy and Behavior, 2017, 71, 79-84.	1.7	59

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127	Acquired Chiari Malformation and Syringomyelia Secondary to Space-Occupying Lesions: A Systematic Review. World Neurosurgery, 2017, 98, 800-808.e2.	1.3	29
128	Survival in pediatric medulloblastoma: a population-based observational study to improve prognostication. Journal of Neuro-Oncology, 2017, 132, 99-107.	2.9	26
129	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
130	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
131	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
132	Microsurgery for ARUBA Trial (A Randomized Trial of Unruptured Brain Arteriovenous) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (Mal	2.0	94
133	Neurosurgeon academic impact is associated with clinical outcomes after clipping of ruptured intracranial aneurysms. PLoS ONE, 2017, 12, e0181521.	2.5	9
134	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
135	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
136	Dissociation of Early and Delayed Cerebral Infarction After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2016, 47, 2945-2951.	2.0	43
137	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
138	Subdural Collection as Initial Presentation of Granulomatosis With Polyangiitis. JAMA Neurology, 2016, 73, 602.	9.0	1
139	moviEEG: An animation toolbox for visualization of intracranial electroencephalography synchronization dynamics. Clinical Neurophysiology, 2016, 127, 2370-2378.	1.5	1
140	Social Media Metrics and Bibliometric Profiles of Neurosurgical Departments andÂJournals: Is There a Relationship?. World Neurosurgery, 2016, 90, 574-579.e7.	1.3	55
141	The Current Use of Social Media in Neurosurgery. World Neurosurgery, 2016, 88, 619-624.e7.	1.3	68
142	Predictors of Shunt-Dependent Hydrocephalus Following Aneurysmal Subarachnoid Hemorrhage. World Neurosurgery, 2016, 86, 226-232.	1.3	37
143	A Partial Least-Squares Analysis of Health-Related Quality-of-Life Outcomes After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2015, 77, 908-915.	1.1	11
144	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

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145	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
146	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
147	Operative complications and differences in outcome after clipping and coiling of ruptured intracranial aneurysms. Journal of Neurosurgery, 2015, 123, 621-628.	1.6	32
148	The network topology of aneurysmal subarachnoid haemorrhage. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 895-901.	1.9	6
149	Thalamocortical connectivity is enhanced following functional hemispherotomy for intractable lateralized epilepsy. Epilepsy and Behavior, 2015, 51, 281-285.	1.7	22
150	Informed Consent for Epilepsy Surgery. , 2015, , 233-242.		0
151	Epilepsy surgery in childhood: no longer the treatment of last resort. Cmaj, 2014, 186, 973-974.	2.0	14
152	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
153	Dynamic modulation of epileptic high frequency oscillations by the phase of slower cortical rhythms. Experimental Neurology, 2014, 251, 30-38.	4.1	75
154	Patient Phenotypes Associated With Outcomes After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2014, 45, 670-676.	2.0	22
155	Resilience of developing brain networks to interictal epileptiform discharges is associated with cognitive outcome. Brain, 2014, 137, 2690-2702.	7.6	90
156	The â€œSAAFEâ€•Neurosurgical Sign-out. World Neurosurgery, 2014, 81, e21-e23.	1.3	3
157	Impaired development of intrinsic connectivity networks in children with medically intractable localizationâ€related epilepsy. Human Brain Mapping, 2014, 35, 5686-5700.	3.6	60
158	Priority Setting. , 2014, , 233-242.		0
159	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
160	Hemispherectomy: When half is better than the whole. Journal of Clinical Neuroscience, 2013, 20, 478.	1.5	0
161	Network analysis reveals patterns of antiepileptic drug use in children with medically intractable epilepsy. Epilepsy and Behavior, 2013, 28, 22-25.	1.7	5
162	Clinical, laboratory, and radiographic predictors of the occurrence of seizures following aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2013, 119, 347-352.	1.6	37

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163	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
164	Priority Setting in Neurosurgery as Exemplified by an Everyday Challenge. Canadian Journal of Neurological Sciences, 2013, 40, 378-383.	0.5	8
165	Altered Rolandic Gamma-Band Activation Associated with Motor Impairment and Ictal Network Desynchronization in Childhood Epilepsy. PLoS ONE, 2013, 8, e54943.	2.5	9
166	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
167	Central Venous Catheter Placement: Where Is the Tip?. American Journal of Critical Care, 2012, 21, 370-371.	1.6	3
168	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
169	Awake craniotomy for supratentorial gliomas: why, when and how?. CNS Oncology, 2012, 1, 71-83.	3.0	18
170	Inequities in access to pediatric epilepsy surgery: a bioethical framework. Neurosurgical Focus, 2012, 32, E2.	2.3	21
171	Medical studentsâ€™ attitudes towards treating patients with HIV: A 12-year follow-up study. Medical Teacher, 2012, 34, 254-254.	1.8	13
172	Traumatic craniocervical dissociation. British Journal of Neurosurgery, 2012, 26, 572-573.	0.8	4
173	Attributing Hypodensities on CT to Angiographic Vasospasm Is Not Sensitive and Unreliable. Stroke, 2012, 43, 109-112.	2.0	25
174	The diagnosis of spinal tumors: established and emerging methods. Expert Opinion on Medical Diagnostics, 2012, 6, 95-108.	1.6	2
175	Method of Aneurysm Treatment Does Not Affect Clot Clearance After Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2012, 70, 102-109.	1.1	32
176	Electrocardiographic Changes Predict Angiographic Vasospasm After Aneurysmal Subarachnoid Hemorrhage. Stroke, 2012, 43, 2102-2107.	2.0	38
177	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
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