Dario J Englot

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68 4,981 130 41 h-index g-index citations papers 6.03 6,029 3.7 144 L-index ext. citations avg, IF ext. papers

#	Paper	IF	Citations
130	Vagus nerve stimulation for epilepsy: a meta-analysis of efficacy and predictors of response. Journal of Neurosurgery, 2011 , 115, 1248-55	3.2	290
129	Epilepsy surgery trends in the United States, 1990-2008. Neurology, 2012, 78, 1200-6	6.5	190
128	Predictors of seizure freedom after resection of supratentorial low-grade gliomas. A review. Journal of Neurosurgery, 2011 , 115, 240-4	3.2	178
127	Extent of surgical resection predicts seizure freedom in low-grade temporal lobe brain tumors. <i>Neurosurgery</i> , 2012 , 70, 921-8; discussion 928	3.2	171
126	Early treatment suppresses the development of spike-wave epilepsy in a rat model. <i>Epilepsia</i> , 2008 , 49, 400-9	6.4	164
125	Factors associated with seizure freedom in the surgical resection of glioneuronal tumors. <i>Epilepsia</i> , 2012 , 53, 51-7	6.4	158
124	Impaired consciousness in temporal lobe seizures: role of cortical slow activity. <i>Brain</i> , 2010 , 133, 3764-	7711.2	140
123	Rates and Predictors of Seizure Freedom With Vagus Nerve Stimulation for Intractable Epilepsy. <i>Neurosurgery</i> , 2016 , 79, 345-53	3.2	137
122	A meta-analysis of predictors of seizure freedom in the surgical management of focal cortical dysplasia. <i>Journal of Neurosurgery</i> , 2012 , 116, 1035-41	3.2	137
121	Global and regional functional connectivity maps of neural oscillations in focal epilepsy. <i>Brain</i> , 2015 , 138, 2249-62	11.2	136
120	Rates and predictors of long-term seizure freedom after frontal lobe epilepsy surgery: a systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2012 , 116, 1042-8	3.2	132
119	Remote effects of focal hippocampal seizures on the rat neocortex. <i>Journal of Neuroscience</i> , 2008 , 28, 9066-81	6.6	119
118	Rates and predictors of seizure freedom in resective epilepsy surgery: an update. <i>Neurosurgical Review</i> , 2014 , 37, 389-404; discussion 404-5	3.9	116
117	Predictors of seizure freedom in the surgical treatment of supratentorial cavernous malformations. Journal of Neurosurgery, 2011 , 115, 1169-74	3.2	109
116	Regional and global connectivity disturbances in focal epilepsy, related neurocognitive sequelae, and potential mechanistic underpinnings. <i>Epilepsia</i> , 2016 , 57, 1546-1557	6.4	106
115	Epilepsy and brain tumors. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016 , 134, 267-85	3	97
114	Epileptogenic zone localization using magnetoencephalography predicts seizure freedom in epilepsy surgery. <i>Epilepsia</i> , 2015 , 56, 949-58	6.4	95

(2018-2009)

1	13	Cortical deactivation induced by subcortical network dysfunction in limbic seizures. <i>Journal of Neuroscience</i> , 2009 , 29, 13006-18	6.6	95	
1:	12	Seizure outcomes after resective surgery for extra-temporal lobe epilepsy in pediatric patients. Journal of Neurosurgery: Pediatrics, 2013, 12, 126-33	2.1	93	
1:	11	Consciousness and epilepsy: why are complex-partial seizures complex?. <i>Progress in Brain Research</i> , 2009 , 177, 147-70	2.9	84	
1:	10	Decreased subcortical cholinergic arousal in focal seizures. <i>Neuron</i> , 2015 , 85, 561-72	13.9	82	
10	09	LGI1-associated epilepsy through altered ADAM23-dependent neuronal morphology. <i>Molecular and Cellular Neurosciences</i> , 2009 , 42, 448-57	4.8	74	
10	08	An unexpectedly high rate of revisions and removals in deep brain stimulation surgery: Analysis of multiple databases. <i>Parkinsonism and Related Disorders</i> , 2016 , 33, 72-77	3.6	74	
10	07	Efficacy of vagus nerve stimulation for epilepsy by patient age, epilepsy duration, and seizure type. <i>Neurosurgery Clinics of North America</i> , 2011 , 22, 443-8, v	4	70	
10	06	Seizures in supratentorial meningioma: a systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2016 , 124, 1552-61	3.2	67	
10	05	Seizure predictors and control after microsurgical resection of supratentorial arteriovenous malformations in 440 patients. <i>Neurosurgery</i> , 2012 , 71, 572-80; discussion 580	3.2	66	
10	04	Effects of surgical targeting in laser interstitial thermal therapy for mesial temporal lobe epilepsy: A multicenter study of 234 patients. <i>Epilepsia</i> , 2019 , 60, 1171-1183	6.4	65	
10	03	Increased seizure severity and seizure-related death in mice lacking HCN1 channels. <i>Epilepsia</i> , 2010 , 51, 1624-7	6.4	63	
10	02	Seizure outcomes after temporal lobectomy in pediatric patients. <i>Journal of Neurosurgery: Pediatrics</i> , 2013 , 12, 134-41	2.1	59	
10	01	Relationship between hospital surgical volume, lobectomy rates, and adverse perioperative events at US epilepsy centers. <i>Journal of Neurosurgery</i> , 2013 , 118, 169-74	3.2	53	
10	00	Vagus Nerve Stimulation for the Treatment of Epilepsy. <i>Neurosurgery Clinics of North America</i> , 2019 , 30, 219-230	4	52	
9:	9	Minocycline- and tetracycline-class antibiotics are protective against partial seizures in vivo. <i>Epilepsy and Behavior</i> , 2012 , 24, 314-8	3.2	51	
9	8	A modern epilepsy surgery treatment algorithm: Incorporating traditional and emerging technologies. <i>Epilepsy and Behavior</i> , 2018 , 80, 68-74	3.2	50	
9:	7	Minimally invasive surgical approaches for temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2015 , 47, 24-33	33.2	46	
9'	6	Increased nationwide use of stereoencephalography for intracranial epilepsy electroencephalography recordings. <i>Journal of Clinical Neuroscience</i> , 2018 , 53, 132-134	2.2	44	

95	Magnetic resonance imaging connectivity for the prediction of seizure outcome in temporal lobe epilepsy. <i>Epilepsia</i> , 2017 , 58, 1251-1260	6.4	43
94	Brainstem arteriovenous malformations: anatomical subtypes, assessment of "occlusion in situ" technique, and microsurgical results. <i>Journal of Neurosurgery</i> , 2015 , 122, 107-17	3.2	43
93	Functional connectivity disturbances of the ascending reticular activating system in temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 925-932	5.5	42
92	Quality-of-life metrics with vagus nerve stimulation for epilepsy from provider survey data. <i>Epilepsy and Behavior</i> , 2017 , 66, 4-9	3.2	42
91	Advanced technical skills are required for microsurgical clipping of posterior communicating artery aneurysms in the endovascular era. <i>Neurosurgery</i> , 2012 , 71, 285-94; discussion 294-5	3.2	42
90	Factors Associated With Pre- and Postoperative Seizures in 1033 Patients Undergoing Supratentorial Meningioma Resection. <i>Neurosurgery</i> , 2017 , 81, 297-306	3.2	41
89	Rates and predictors of success and failure in repeat epilepsy surgery: A meta-analysis and systematic review. <i>Epilepsia</i> , 2017 , 58, 2133-2142	6.4	41
88	Seizure outcomes in nonresective epilepsy surgery: an update. <i>Neurosurgical Review</i> , 2017 , 40, 181-194	3.9	40
87	Corpus callosotomy versus vagus nerve stimulation for atonic seizures and drop attacks: A systematic review. <i>Epilepsy and Behavior</i> , 2015 , 51, 13-7	3.2	39
86	Efficacy of vagus nerve stimulation in posttraumatic versus nontraumatic epilepsy. <i>Journal of Neurosurgery</i> , 2012 , 117, 970-7	3.2	39
85	Epilepsy surgery failure in children: a quantitative and qualitative analysis. <i>Journal of Neurosurgery: Pediatrics</i> , 2014 , 14, 386-95	2.1	38
84	Abnormal T2-weighted MRI signal surrounding leads in a subset of deep brain stimulation patients. <i>Stereotactic and Functional Neurosurgery</i> , 2011 , 89, 311-7	1.6	38
83	Factors associated with failed focal neocortical epilepsy surgery. <i>Neurosurgery</i> , 2014 , 75, 648-5; discussion 655; quiz 656	3.2	37
82	Characteristics and treatment of seizures in patients with high-grade glioma: a review. <i>Neurosurgery Clinics of North America</i> , 2012 , 23, 227-35, vii-viii	4	37
81	Comparison of seizure control outcomes and the safety of vagus nerve, thalamic deep brain, and responsive neurostimulation: evidence from randomized controlled trials. <i>Neurosurgical Focus</i> , 2012 , 32, E14	4.2	37
80	Pain Outcomes Following Microvascular Decompression for Drug-Resistant Trigeminal Neuralgia: A Systematic Review and Meta-Analysis. <i>Neurosurgery</i> , 2020 , 86, 182-190	3.2	35
79	Relating structural and functional brainstem connectivity to disease measures in epilepsy. <i>Neurology</i> , 2018 , 91, e67-e77	6.5	34
7 ⁸	Trends in surgical treatment for trigeminal neuralgia in the United States of America from 1988 to 2008. <i>Journal of Clinical Neuroscience</i> , 2013 , 20, 1538-45	2.2	31

(2018-2018)

77	Deep brain stimulation for the treatment of disorders of consciousness and cognition in traumatic brain injury patients: a review. <i>Neurosurgical Focus</i> , 2018 , 45, E14	4.2	30	
76	Seizure types and frequency in patients who "fail" temporal lobectomy for intractable epilepsy. <i>Neurosurgery</i> , 2013 , 73, 838-44; quiz 844	3.2	30	
75	Rate and complications of adult epilepsy surgery in North America: Analysis of multiple databases. <i>Epilepsy Research</i> , 2016 , 124, 55-62	3	30	
74	Frontal operculum gliomas: language outcome following resection. <i>Journal of Neurosurgery</i> , 2015 , 122, 725-34	3.2	29	
73	Thalamic arousal network disturbances in temporal lobe epilepsy and improvement after surgery. Journal of Neurology, Neurosurgery and Psychiatry, 2019 , 90, 1109-1116	5.5	24	
72	Impaired vigilance networks in temporal lobe epilepsy: Mechanisms and clinical implications. <i>Epilepsia</i> , 2020 , 61, 189-202	6.4	23	
71	Seizure Outcomes in Occipital Lobe and Posterior Quadrant Epilepsy Surgery: A Systematic Review and Meta-Analysis. <i>Neurosurgery</i> , 2018 , 82, 350-358	3.2	22	
70	The transsylvian approach for resection of insular gliomas: technical nuances of splitting the Sylvian fissure. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 283-287	4.8	21	
69	Removal of nail penetrating the basilar artery. Neurosurgical Review, 2010, 33, 501-4	3.9	21	
68	White matter differences between essential tremor and Parkinson disease. <i>Neurology</i> , 2019 , 92, e30-e3	3%.5	21	
67	Surgical management of medically refractory epilepsy in patients with polymicrogyria. <i>Epilepsia</i> , 2016 , 57, 151-61	6.4	20	
66	National trends and complication rates for invasive extraoperative electrocorticography in the USA. Journal of Clinical Neuroscience, 2015, 22, 823-7	2.2	19	
65	The persistent under-utilization of epilepsy surgery. <i>Epilepsy Research</i> , 2015 , 118, 68-9	3	18	
64	Deep brain stimulation in pediatric dystonia: a systematic review. <i>Neurosurgical Review</i> , 2020 , 43, 873-8	3 89 .9	18	
63	Impact of Timing of Concurrent Chemoradiation for Newly Diagnosed Glioblastoma: A Critical Review of Current Evidence. <i>Neurosurgery</i> , 2015 , 62 Suppl 1, 160-5	3.2	17	
62	Multiple Subpial Transections for Medically Refractory Epilepsy: A Disaggregated Review of Patient-Level Data. <i>Neurosurgery</i> , 2018 , 82, 613-620	3.2	16	
61	Stereotactic EEG via multiple single-path omnidirectional trajectories within a single platform: institutional experience with a novel technique. <i>Journal of Neurosurgery</i> , 2018 , 129, 1173-1181	3.2	15	
60	Rates and predictors of seizure outcome after corpus callosotomy for drug-resistant epilepsy: a meta-analysis. <i>Journal of Neurosurgery</i> , 2018 , 1-10	3.2	14	

59	Major and minor complications in extraoperative electrocorticography: A review of a national database. <i>Epilepsy Research</i> , 2016 , 122, 26-9	3	14
58	Development of spike-wave seizures in C3H/HeJ mice. <i>Epilepsy Research</i> , 2009 , 85, 53-9	3	12
57	Divergent network properties that predict early surgical failure versus late recurrence in temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2019 , 132, 1324-1333	3.2	12
56	Resting-State SEEG May Help Localize Epileptogenic Brain Regions. <i>Neurosurgery</i> , 2020 , 86, 792-801	3.2	11
55	Long-lasting hyperexcitability induced by depolarization in the absence of detectable Ca2+ signals. <i>Journal of Neurophysiology</i> , 2009 , 101, 1351-60	3.2	10
54	Microvascular Decompression for Trigeminal Neuralgia in Patients with Multiple Sclerosis: Predictors of Treatment Success. <i>World Neurosurgery</i> , 2020 , 136, e165-e170	2.1	9
53	Characterization of postsurgical functional connectivity changes in temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2019 , 1-11	3.2	9
52	Spasm Freedom Following Microvascular Decompression for Hemifacial Spasm: Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2020 , 139, e383-e390	2.1	9
51	Temporal lobe epilepsy alters spatio-temporal dynamics of the hippocampal functional network. <i>NeuroImage: Clinical</i> , 2020 , 26, 102254	5.3	8
50	The sensitivity and significance of lateralized interictal slow activity on magnetoencephalography in focal epilepsy. <i>Epilepsy Research</i> , 2016 , 121, 21-8	3	8
49	Seizure-onset regions demonstrate high inward directed connectivity during resting-state: An SEEG study in focal epilepsy. <i>Epilepsia</i> , 2020 , 61, 2534-2544	6.4	8
48	Structural Correlates of the Sensorimotor Cerebellum in Parkinson® Disease and Essential Tremor. <i>Movement Disorders</i> , 2020 , 35, 1181-1188	7	7
47	fMRI-based detection of alertness predicts behavioral response variability. ELife, 2021, 10,	8.9	7
46	Deep Brain Stimulation Versus Peripheral Denervation for Cervical Dystonia: Alsystematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019 , 122, e940-e946	2.1	7
45	Brainstem Functional Connectivity Disturbances in Epilepsy may Recover After Successful Surgery. <i>Neurosurgery</i> , 2020 , 86, 417-428	3.2	7
44	Delayed neurological deficit following resection of tuberculum sellae meningioma: report of two cases, one with permanent and one with reversible visual impairment. <i>Acta Neurochirurgica</i> , 2014 , 156, 1099-102	3	6
43	Pain experience using conventional versus angled anterior posts during stereotactic head frame placement for radiosurgery. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1538-42	2.2	6
42	Neurological Outcomes After Surgical or Conservative Management of Spontaneous Spinal Epidural Abscesses: A Systematic Review and Meta-Analysis of Data From 1980 Through 2016. <i>Clinical Spine Surgery</i> , 2019 , 32, 18-29	1.8	5

(2017-2015)

41	The Presto 1000: A novel automated transcranial Doppler ultrasound system. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 1771-5	2.2	5
40	Blunted neural response to emotional faces in the fusiform and superior temporal gyrus may be marker of emotion recognition deficits in pediatric epilepsy. <i>Epilepsy and Behavior</i> , 2020 , 112, 107432	3.2	5
39	Initial Experience with Using a Structured Light 3D Scanner and Image Registration to Plan Bedside Subdural Evacuating Port System Placement. <i>World Neurosurgery</i> , 2020 , 137, 350-356	2.1	5
38	Effects of temporal lobectomy on consciousness-impairing and consciousness-sparing seizures in children. <i>Childra Nervous System</i> , 2013 , 29, 1915-22	1.7	5
37	Role of the Nucleus Basalis as a Key Network Node in Temporal Lobe Epilepsy. <i>Neurology</i> , 2021 , 96, e1.	33∕4₅e1	3 4 ₅ 6
36	Thalamotomy-Like Effects From Partial Removal of a Ventral Intermediate Nucleus Deep Brain Stimulator Lead in a Patient With Essential Tremor: Case Report. <i>Neurosurgery</i> , 2015 , 77, E831-6; discussion E836-7	3.2	4
35	Separating kindling and LTP: lessons from studies of PKM zeta in developing and adult rats. <i>Neuroscience Letters</i> , 2009 , 453, 229-32	3.3	4
34	People with mesial temporal lobe epilepsy have altered thalamo-occipital brain networks. <i>Epilepsy and Behavior</i> , 2021 , 115, 107645	3.2	4
33	Memory decline from hippocampal electrodes? Let not forget statistics and study design. <i>Epilepsia</i> , 2018 , 59, 502-503	6.4	3
32	Vagus nerve stimulation versus "best drug therapy" in epilepsy patients who have failed best drug therapy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013 , 22, 409-10	3.2	2
31	Failed epilepsy surgery: It is not too late. <i>Epilepsy Research</i> , 2015 , 113, 151-2	3	2
30	IMAGING Functional MRI in Basic Epilepsy Research 2009 , 539-544		2
29	Neurosurgical approaches to pediatric epilepsy: Indications, techniques, and outcomes of common surgical procedures. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020 , 77, 76-85	3.2	2
28	Concurrent brain-responsive and vagus nerve stimulation for treatment of drug-resistant focal epilepsy <i>Epilepsy and Behavior</i> , 2022 , 129, 108653	3.2	2
27	Integrating Network Neuroscience Into Epilepsy Care: Progress, Barriers, and Next Steps. <i>Epilepsy Currents</i> ,153575972211012	1.3	2
26	Addressing a Deep Problem With Magnetoencephalography. <i>Epilepsy Currents</i> , 2019 , 19, 289-290	1.3	1
25	When the Brakes Fail: Basal Ganglia and Seizure Generalization. <i>Epilepsy Currents</i> , 2020 , 20, 130-131	1.3	1
24	Neuronal Tumors. <i>Pediatric Oncology</i> , 2017 , 171-186	0.5	1

23	Epilepsy surgery trends in the United States: Differences between children and adults. <i>Epilepsia</i> , 2015 , 56, 1321	6.4	1
22	Retrosigmoid craniotomy for clipping of two vertebrobasilar junction aneurysms. <i>Neurosurgical Focus</i> , 2014 , 36, 1	4.2	1
21	Characterization of resting functional MRI activity alterations across epileptic foci and networks <i>Cerebral Cortex</i> , 2022 ,	5.1	1
20	An algorithmic approach to preoperative studies and patient selection for hemispheric disconnection surgery: a literature review. <i>Epileptic Disorders</i> , 2020 , 22, 592-609	1.9	1
19	Fornicotomy for the Treatment of Epilepsy: An Examination of Historical Literature in the Setting of Modern Operative Techniques. <i>Neurosurgery</i> , 2020 , 87, 157-165	3.2	1
18	Surface or Depth: A Paradigm Shift in Invasive Epilepsy Monitoring. <i>Epilepsy Currents</i> , 2020 , 20, 348-350	1.3	1
17	Continued medical management of drug-resistant epilepsy: implications for surgical consideration. <i>Epilepsia</i> , 2016 , 57, 1525-6	6.4	1
16	Functional connectivity between mesial temporal and default mode structures may help lateralize surgical temporal lobe epilepsy <i>Journal of Neurosurgery</i> , 2022 , 1-11	3.2	1
15	Seizures in meningioma. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 170, 187-200	3	0
14	SUDEP: The Worst in Epilepsy and the Hardest to Image. <i>Epilepsy Currents</i> , 2020 , 20, 73-74	1.3	O
13	Bone Cement Cranioplasty Reduces Cerebrospinal Fluid Leak Rate after Microvascular Decompression: A Single-Institutional Experience. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021 , 82, 556-561	1.5	0
12	Resting-state hippocampal networks related to language processing reveal unique patterns in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021 , 117, 107834	3.2	O
11	Of Blobs and Buzzes: Does SISCOM Imaging Actually Help SEEG Planning?. <i>Epilepsy Currents</i> , 2022 , 22, 22-24	1.3	O
10	MRI network progression in mesial temporal lobe epilepsy related to healthy brain architecture. <i>Network Neuroscience</i> , 2021 , 5, 434-450	5.6	O
9	Venous Thromboembolism during Interventional MRI-Guided Stereotactic Surgery. <i>Stereotactic and Functional Neurosurgery</i> , 2018 , 96, 40-45	1.6	
8	Lead cap localization using ultrasound in deep brain stimulation surgery: technical note. <i>Minimally Invasive Neurosurgery</i> , 2011 , 54, 48-9		
7	Protocol for behavioral and neural recording during stimulation of the macaque monkey nucleus basalis STAR Protocols, 2022, 3, 101136	1.4	
6	Body mass index and response to stereotactic radiosurgery in the treatment of refractory trigeminal neuralgia: A retrospective cohort study. <i>Journal of Radiosurgery and SBRT</i> , 2020 , 6, 253-261	0.4	

LIST OF PUBLICATIONS

5	Network Changes after Epilepsy Surgery: It R Time to Reconnect. <i>Epilepsy Currents</i> , 2020 , 20, 12-13	1.3
4	The Underappreciated But Potentially Lethal Role of Brainstem Dysfunction in Epilepsy. <i>Epilepsy Currents</i> , 2021 , 21, 250-251	1.3
3	In Epilepsy Surgery, Pathology Matters, and Lesions Need to Go. <i>Epilepsy Currents</i> , 2021 , 21, 24-26	1.3
2	Experience From 211 Transcortical Selective Amygdalohippocampectomy Procedures: Relevant Surgical Anatomy and Review of the Literature. <i>Operative Neurosurgery</i> , 2021 , 21, 181-188	1.6
1	Machine Learning to Address the Enigma of Temporal Lobe Epilepsy Lateralization <i>Epilepsy Currents</i> , 2021 , 21, 416-418	1.3