

Jason Schwalb

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

7,056
citations

185998

28
h-index

60497

81
g-index

107
all docs

107
docs citations

107
times ranked

8727
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic resonance-guided focused ultrasound treatment for essential tremor shows sustained efficacy: a meta-analysis. <i>Neurosurgical Review</i> , 2022, 45, 533-544.	1.2	11
2	A Matched Cohort Analysis of Drain Usage in Elective Anterior Cervical Discectomy and Fusion. <i>Spine</i> , 2022, 47, 220-226.	1.0	2
3	The role of postoperative antibiotic duration on surgical site infection after lumbar surgery. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 254-260.	0.9	7
4	ASSFN Position Statement on Deep Brain Stimulation for Medication-Refractory Epilepsy. <i>Neurosurgery</i> , 2022, 90, 636-641.	0.6	1
5	The American Society for Stereotactic and Functional Neurosurgery Position Statement on Laser Interstitial Thermal Therapy for the Treatment of Drug-Resistant Epilepsy. <i>Neurosurgery</i> , 2022, 90, 155-160.	0.6	10
6	The association of patient education level with outcomes after elective lumbar surgery: a Michigan Spine Surgery Improvement Collaborative study. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 883-891.	0.9	3
7	Balloon Kyphoplasty vs Vertebroplasty: A Systematic Review of Height Restoration in Osteoporotic Vertebral Compression Fractures. <i>Journal of Pain Research</i> , 2022, Volume 15, 1233-1245.	0.8	15
8	Validation of the Benefits of Ambulation Within 8 Hours of Elective Cervical and Lumbar Surgery: A Michigan Spine Surgery Improvement Collaborative Study. <i>Neurosurgery</i> , 2022, 91, 505-512.	0.6	4
9	Financial Sustainability of Neuromodulation for Pain. <i>Neurosurgery Clinics of North America</i> , 2022, , .	0.8	2
10	Impact of Michigan's new opioid prescribing laws on spine surgery patients: analysis of the Michigan Spine Surgery Improvement Collaborative. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 531-536.	0.9	4
11	Reducing Superfluous Opioid Prescribing Practices After Brain Surgery: It Is Time to Talk About Drugs. <i>Neurosurgery</i> , 2021, 89, 70-76.	0.6	3
12	Relationship between initial opioid prescription size and likelihood of refill after spine surgery. <i>Spine Journal</i> , 2021, 21, 772-778.	0.6	5
13	Disparities in outcomes after spine surgery: a Michigan Spine Surgery Improvement Collaborative study. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 91-99.	0.9	6
14	Preoperative HbA1c > 8% Is Associated With Poor Outcomes in Lumbar Spine Surgery: A Michigan Spine Surgery Improvement Collaborative Study. <i>Neurosurgery</i> , 2021, 89, 819-826.	0.6	11
15	Neurosurgeons perspective on the shift towards earlier use of deep brain stimulation for Parkinson disease. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2021, 25, 101224.	0.2	0
16	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Neuroablative Procedures for Patients With Cancer Pain. <i>Neurosurgery</i> , 2021, 88, 437-442.	0.6	14
17	North American survey on impact of the COVID-19 pandemic shutdown on DBS care. <i>Parkinsonism and Related Disorders</i> , 2021, 92, 41-45.	1.1	8
18	Adapting to Space Limitations During Prone Real-Time Magnetic Resonance Imaging-Guided Stereotaxic Laser Ablation: Technical Pearls. <i>Operative Neurosurgery</i> , 2020, 18, 398-402.	0.4	2

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19	The Preoperative Risks and Two-Year Sequelae of Postoperative Urinary Retention: Analysis of the Michigan Spine Surgery Improvement Collaborative (MSSIC). World Neurosurgery, 2020, 133, e619-e626.	0.7	12
20	The Association of Preoperative Opioid Usage With Patient-Reported Outcomes, Adverse Events, and Return to Work After Lumbar Fusion: Analysis From the Michigan Spine Surgery Improvement Collaborative (MSSIC). Neurosurgery, 2020, 87, 142-149.	0.6	13
21	Acute readmission following deep brain stimulation surgery for Parkinson's disease: A nationwide analysis. Parkinsonism and Related Disorders, 2020, 70, 96-102.	1.1	6
22	Ambulation on Postoperative Day #0 Is Associated With Decreased Morbidity and Adverse Events After Elective Lumbar Spine Surgery: Analysis From the Michigan Spine Surgery Improvement Collaborative (MSSIC). Neurosurgery, 2020, 87, 320-328.	0.6	38
23	Commentary: Impact of Spinal Cord Stimulation on Opioid Dose Reduction: A Nationwide Analysis. Neurosurgery, 2020, 88, E41-E41.	0.6	0
24	Patient navigation in epilepsy care. Epilepsy and Behavior, 2020, 113, 107530.	0.9	6
25	145. The impact of Michigan's new opioid prescribing laws on spine surgery patients: analysis of the Michigan Spine Surgery Improvement Collaborative (MSSIC). Spine Journal, 2020, 20, S71-S72.	0.6	0
26	Prevalence of Alternative Diagnoses and Implications for Management in Idiopathic Normal Pressure Hydrocephalus Patients. Neurosurgery, 2020, 87, 999-1007.	0.6	15
27	Correlation Between the Oswestry Disability Index and the North American Spine Surgery Patient Satisfaction Index. World Neurosurgery, 2020, 139, e724-e729.	0.7	13
28	Rates and risk factors associated with 90-day readmission following cervical spine fusion surgery: analysis of the Michigan Spine Surgery Improvement Collaborative (MSSIC) registry. Spine Journal, 2020, 20, 708-716.	0.6	15
29	Commentary: Percutaneous Trigeminal Stimulation for Intractable Facial Pain: A Case Series. Neurosurgery, 2020, 87, E305-E305.	0.6	0
30	Risk Factors Associated With 90-Day Readmissions After Degenerative Lumbar Fusion: An Examination of the Michigan Spine Surgery Improvement Collaborative (MSSIC) Registry. Neurosurgery, 2019, 85, 402-408.	0.6	13
31	Surgical Neuromodulation of Tinnitus: A Review of Current Therapies and Future Applications. Neuromodulation, 2019, 22, 380-387.	0.4	16
32	Patient Demographic and Surgical Factors that Affect Completion of Patient-Reported Outcomes 90 Days and 1 Year After Spine Surgery: Analysis from the Michigan Spine Surgery Improvement Collaborative (MSSIC). World Neurosurgery, 2019, 130, e259-e271.	0.7	7
33	177. Chronicity of preoperative opioid usage predicts patient satisfaction, return to work, and achieving ODI MCID up to two years after lumbar fusion: analysis from the Michigan Spine Surgery Improvement Collaborative (MSSIC). Spine Journal, 2019, 19, S85-S86.	0.6	0
34	The Safety of Per Os Naloxone and its Efficacy in Resolving Postoperative Ileus in Patients Undergoing Spine Surgery. Neurosurgery, 2019, 66, .	0.6	0
35	The Association of Intraoperative Antibiotic and Surgical Site Infection After Lumbar Spine Surgery: Analysis of the Michigan Spine Surgery Improvement Collaborative. Neurosurgery, 2019, 66, 310-178.	0.6	0
36	Prescriber Aimed Intervention to Optimize Opioid Prescribing Patterns After Intracranial Surgery: Addressing the Nation's Opioid Epidemic and Decreasing the Neurosurgeon's Narcotic Footprint. Neurosurgery, 2019, 66, 310-129.	0.6	0

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37	The Potential Effect of Racial Disparities on Outcomes After Spine Surgery: A Michigan Spine Surgery Improvement Collaborative (MSSIC) Study. <i>Neurosurgery</i> , 2019, 66, 310-402.	0.6	0
38	The Association Between PHQ-2 Screening and Patient Satisfaction and Return to Work Up To 2-Years After Lumbar Fusion: Analysis From the Michigan Spine Surgery Improvement Collaborative (MSSIC). <i>Neurosurgery</i> , 2019, 66, 310-626.	0.6	0
39	The Association Between Chronicity of Preoperative Opioid Usage Between Patient Satisfaction, Return to Work, and Achieving ODI MCID up to 2 Years After Lumbar Fusion: Analysis From the Michigan Spine Surgery Improvement Collaborative (MSSIC). <i>Neurosurgery</i> , 2019, 66, .	0.6	0
40	Ambulation on POD#0 Is Associated With Decreased Adverse Events After Elective Lumbar Spine Surgery: Analysis of the Michigan Spine Surgery Improvement Collaborative (MSSIC). <i>Neurosurgery</i> , 2019, 66, 310-100.	0.6	0
41	P61. Preoperative PHQ-2 scoring predicts patient satisfaction and return to work up to one-year after lumbar fusion: a two-year analysis from the Michigan Spine Surgery Improvement Collaborative (MSSIC). <i>Spine Journal</i> , 2019, 19, S186-S187.	0.6	0
42	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.	2.6	132
43	Lumbar Spinal Stenosis Severity by CT or MRI Does Not Predict Response to Epidural Corticosteroid versus Lidocaine Injections. <i>American Journal of Neuroradiology</i> , 2019, 40, 908-915.	1.2	4
44	Adverse events and their risk factors 90 days after cervical spine surgery: analysis from the Michigan Spine Surgery Improvement Collaborative. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 602-614.	0.9	9
45	Correlation between the Oswestry Disability Index and the 4-item short forms for physical function and pain interference from PROMIS. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 691-696.	0.9	12
46	Use of Patient Health Questionnaireâ€“2 scoring to predict patient satisfaction and return to work up to 1 year after lumbar fusion: a 2-year analysis from the Michigan Spine Surgery Improvement Collaborative. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 794-801.	0.9	15
47	MRI-Guided DBS for Parkinsonâ€™s Disease. , 2019, , 67-79.		1
48	Sex disparities in health and health care utilization after Parkinson diagnosis: Rethinking PD associated disability. <i>Parkinsonism and Related Disorders</i> , 2018, 48, 45-50.	1.1	15
49	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Subthalamic Nucleus and Globus Pallidus Internus Deep Brain Stimulation for the Treatment of Patients With Parkinson's Disease: Executive Summary. <i>Neurosurgery</i> , 2018, 82, 753-756.	0.6	52
50	Concurrent Placement of Bilateral Suboccipital and Supraorbital Nerve Stimulators Using On-Q* Tunneler: Technical Note. <i>Operative Neurosurgery</i> , 2018, 15, 720-724.	0.4	8
51	164 The Correlation of ODI and the 4-Question Scales for Pain and Physical Function from PROMIS. <i>Neurosurgery</i> , 2018, 65, 103.	0.6	1
52	MRigFUS in tremor-dominant PD does not lead to substantial cognitive adverse events. <i>Neurology</i> , 2018, 91, 641-642.	1.5	1
53	Data mining MR image features of select structures for lateralization of mesial temporal lobe epilepsy. <i>PLoS ONE</i> , 2018, 13, e0199137.	1.1	13
54	Racial disparities in the diagnosis and management of trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2017, 126, 368-374.	0.9	14

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55	Use of social media to assess the effectiveness of vagal nerve stimulation in Dravet syndrome: A caregiver's perspective. Journal of the Neurological Sciences, 2017, 375, 146-149.	0.3	13
56	Thalamic DBS with a constant-current device in essential tremor: A controlled clinical trial. Parkinsonism and Related Disorders, 2017, 40, 18-26.	1.1	59
57	Frameless Navigation. , 2017, , 81-87.		0
58	Comment: Is virtual reality a useful adjunct to rehabilitation after spinal cord injury?. Neurology, 2017, 89, 1902-1902.	1.5	1
59	Utilization of rehabilitation therapy services in Parkinson disease in the United States. Neurology, 2017, 89, 1162-1169.	1.5	53
60	Multimodal Imaging in a Patient with Hemidystonia Responsive to GPi Deep Brain Stimulation. Case Reports in Neurological Medicine, 2017, 2017, 1-4.	0.3	1
61	Long-term follow-up of a randomized AAV2-GAD gene therapy trial for Parkinson's disease. JCI Insight, 2017, 2, e90133.	2.3	74
62	Intraoperative MRI for deep brain stimulation lead placement in Parkinson's disease: 1-year motor and neuropsychological outcomes. Journal of Neurology, 2016, 263, 1226-1231.	1.8	45
63	Use of the modified frailty index to predict 30-day morbidity and mortality from spine surgery. Journal of Neurosurgery: Spine, 2016, 25, 537-541.	0.9	194
64	TLE lateralization using whole brain structural connectivity. , 2016, 2016, 1103-1106.		5
65	DTI-based response-driven modeling of mTLE laterality. NeuroImage: Clinical, 2016, 11, 694-706.	1.4	24
66	Occipital Nerve Stimulation for the Treatment of Patients With Medically Refractory Occipital Neuralgia. Neurosurgery, 2015, 77, 332-341.	0.6	63
67	Successful Vim targeting for mixed essential and parkinsonian tremor using intraoperative MRI. Journal of the Neurological Sciences, 2015, 358, 488-489.	0.3	5
68	A multistructural imaging marker for non-invasive lateralization of temporal lobe epilepsy. , 2015, , .		2
69	Practice guideline: Idiopathic normal pressure hydrocephalus: Response to shunting and predictors of response. Neurology, 2015, 85, 2063-2071.	1.5	191
70	Successful Management of Hemorrhage-Associated Hemiballism After Subthalamic Nucleus Deep Brain Stimulation with Pallidal Stimulation: a Case Report. World Neurosurgery, 2015, 84, 1176.e1-1176.e3.	0.7	5
71	The Michigan Spine Surgery Improvement Collaborative: a statewide Collaborative Quality Initiative. Neurosurgical Focus, 2015, 39, E7.	1.0	37
72	Further Evidence for a Pain Pathway Involving the Cingulate Gyrus: A Case of Chronic Cluster Headache Cured by Glioblastoma. Stereotactic and Functional Neurosurgery, 2015, 93, 194-198.	0.8	9

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73	Association of Early Imaging for Back Pain With Clinical Outcomes in Older Adults. JAMA - Journal of the American Medical Association, 2015, 313, 1143.	3.8	104
74	Long-term seizure and psychosocial outcomes after resective surgery for intractable epilepsy. Epilepsy and Behavior, 2015, 43, 122-127.	0.9	27
75	Long-term seizure and psychosocial outcomes of vagus nerve stimulation for intractable epilepsy. Epilepsy and Behavior, 2015, 53, 31-36.	0.9	31
76	Simple and reproducible linear measurements to determine ventricular enlargement in adults. , 2015, 6, 59.		42
77	Lateralization of temporal lobe epilepsy by multimodal multinomial hippocampal response-driven models. Journal of the Neurological Sciences, 2014, 347, 107-118.	0.3	19
78	Lateralization of temporal lobe epilepsy by imaging-based response-driven multinomial multivariate models. , 2014, 2014, 5595-8.		6
79	New Technique for Open Placement of Paddle-Type Spinal Cord Stimulator Electrode in Presence of Epidural Scar Tissue. Neuromodulation, 2014, 17, 759-762.	0.4	13
80	A Bayesian averaged response-driven multinomial model for lateralization of temporal lobe epilepsy. , 2014, , .		4
81	Lateralization of temporal lobe epilepsy using a novel uncertainty analysis of MR diffusion in hippocampus, cingulum, and fornix, and hippocampal volume and FLAIR intensity. Journal of the Neurological Sciences, 2014, 342, 152-161.	0.3	32
82	Roles of Various Brain Structures on Non-Invasive Lateralization of Temporal Lobe Epilepsy. Lecture Notes in Computer Science, 2014, , 32-40.	1.0	1
83	Letters to the Editor: Magnetic resonanceâ€“guided focused ultrasound surgery. Journal of Neurosurgery, 2013, 119, 531-531.	0.9	0
84	Comparison of dysphagia before and after deep brain stimulation in Parkinson's disease. Movement Disorders, 2012, 27, 1763-1768.	2.2	38
85	AAV2-GAD gene therapy for advanced Parkinson's disease: a double-blind, sham-surgery controlled, randomised trial. Lancet Neurology, The, 2011, 10, 309-319.	4.9	582
86	Unilateral subdural motor cortex stimulation improves essential tremor but not Parkinson's disease. Brain, 2011, 134, 2096-2105.	3.7	83
87	Microvascular Decompression in Patient With Atypical Features of Hemifacial Spasm Secondary to Compression by a Tortuous Vertebrobasilar System. Neurosurgery, 2010, 66, E1212.	0.6	11
88	Treatment of Medically Intractable Mesial Temporal Epilepsy With Responsive Brain Stimulation. Neurosurgery, 2010, 67, 556.	0.6	0
89	Bilateral deep brain stimulation for treatment of medically refractory paroxysmal nonkinesigenic dyskinesia. Journal of Neurosurgery, 2010, 112, 847-850.	0.9	20
90	The History and Future of Deep Brain Stimulation. Neurotherapeutics, 2008, 5, 3-13.	2.1	107

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91	Normal pressure hydrocephalus: Diagnosis and treatment. Current Neurology and Neuroscience Reports, 2008, 8, 371-376.	2.0	187
92	Surgical Experimental Neurotherapeutics. Neurotherapeutics, 2008, 5, 1-2.	2.1	1
93	BILATERAL SUBTHALAMIC NUCLEUS STIMULATION FOR PARKINSON'S DISEASE. Neurosurgery, 2008, 62, 863-74.	0.6	16
94	The Impact of Neurosurgical Coverage and Trauma Center Status on Patient Outcome. Neurosurgery, 2007, 61, 206.	0.6	0
95	Deep brain stimulation for chronic neuropathic pain: Long-term outcome and the incidence of insertional effect. Pain, 2006, 125, 188-196.	2.0	180
96	Bilateral Subthalamic Nucleus Stimulation for Parkinson's Disease: A Systematic Review of the Clinical Literature. Neurosurgery, 2005, 56, 1313-1324.	0.6	229
97	Clinicopathologic and Genetic Profile of Intracranial Marginal Zone Lymphoma: A Primary Low-Grade CNS Lymphoma That Mimics Meningioma. Journal of Clinical Oncology, 2005, 23, 5718-5727.	0.8	148
98	Comparison of Three Methods of Targeting the Subthalamic Nucleus for Chronic Stimulation in Parkinson's Disease. Operative Neurosurgery, 2005, 56, ONS-360-ONS-368.	0.4	80
99	Comparison of 2-dimensional magnetic resonance imaging and 3-planar reconstruction methods for targeting the subthalamic nucleus in Parkinson disease. World Neurosurgery, 2005, 63, 357-362.	1.3	18
100	Deep Brain Stimulation for Treatment-Resistant Depression. Neuron, 2005, 45, 651-660.	3.8	3,560
101	Surgical Management of Tremor. Neurosurgery Quarterly, 2004, 14, 60-68.	0.1	7
102	February 2002: 29-year-old woman with a skull mass for 2 months. Brain Pathology, 2002, 12, 393-394.	2.1	7
103	Revision of deep brain stimulator for tremor. Journal of Neurosurgery, 2001, 94, 1010-1012.	0.9	36
104	Optic nerve glia secrete a low-molecular-weight factor that stimulates retinal ganglion cells to regenerate axons in goldfish. Neuroscience, 1996, 72, 901-910.	1.1	28
105	Two factors secreted by the goldfish optic nerve induce retinal ganglion cells to regenerate axons in culture. Journal of Neuroscience, 1995, 15, 5514-5525.	1.7	57