Jamie Van Gompel

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1479411/publications.pdf

Version: 2024-02-01

261 5,809 37 61 papers citations h-index g-index

263 263 263 6133
all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	Genome sequence and comparative microarray analysis of serotype M18 group A Streptococcus strains associated with acute rheumatic fever outbreaks. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 4668-4673.	3.3	406
2	Microseizures and the spatiotemporal scales of human partial epilepsy. Brain, 2010, 133, 2789-2797.	3.7	280
3	The Changing Landscape of Vestibular Schwannoma Management in the United States—A Shift Toward Conservatism. Otolaryngology - Head and Neck Surgery, 2015, 153, 440-446.	1.1	186
4	Long-term Outcomes After Nonlesional Extratemporal Lobe Epilepsy Surgery. JAMA Neurology, 2013, 70, 1003.	4.5	145
5	INTRACRANIAL ELECTROENCEPHALOGRAPHY WITH SUBDURAL GRID ELECTRODES. Neurosurgery, 2008, 63, 498-506.	0.6	142
6	High frequency stimulation of the subthalamic nucleus evokes striatal dopamine release in a large animal model of human DBS neurosurgery. Neuroscience Letters, 2010, 475, 136-140.	1.0	111
7	Natural History of Sporadic Vestibular Schwannoma: A Volumetric Study of Tumor Growth. Otolaryngology - Head and Neck Surgery, 2018, 159, 535-542.	1.1	97
8	Integrating Brain Implants With Local and Distributed Computing Devices: A Next Generation Epilepsy Management System. IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-12.	2.2	92
9	Long-Term Outcome of Esthesioneuroblastoma: Hyams Grade Predicts Patient Survival. Journal of Neurological Surgery, Part B: Skull Base, 2012, 73, 331-336.	0.4	91
10	Wireless Fast-Scan Cyclic Voltammetry to Monitor Adenosine in Patients With Essential Tremor During Deep Brain Stimulation. Mayo Clinic Proceedings, 2012, 87, 760-765.	1.4	88
11	Evidence for verbal memory enhancement with electrical brain stimulation in the lateral temporal cortex. Brain, 2018, 141, 971-978.	3.7	80
12	Differences in functional connectivity profiles as a predictor of response to anterior thalamic nucleus deep brain stimulation for epilepsy: a hypothesis for the mechanism of action and a potential biomarker for outcomes. Neurosurgical Focus, 2018, 45, E7.	1.0	80
13	Gastrointestinal Carcinoid Tumors: Factors that Predict Outcome. World Journal of Surgery, 2004, 28, 387-392.	0.8	74
14	ZM336372, a Raf-1 activator, suppresses growth and neuroendocrine hormone levels in carcinoid tumor cells. Molecular Cancer Therapeutics, 2005, 4, 910-917.	1.9	72
15	Physiological and pathological high frequency oscillations in focal epilepsy. Annals of Clinical and Translational Neurology, 2018, 5, 1062-1076.	1.7	71
16	Magnetic resonance imaging–graded hypothalamic compression in surgically treated adult craniopharyngiomas determining postoperative obesity. Neurosurgical Focus, 2010, 28, E3.	1.0	70
17	Increased cortical extracellular adenosine correlates with seizure termination. Epilepsia, 2014, 55, 233-244.	2.6	68
18	Chronic Subthreshold Cortical Stimulation to Treat Focal Epilepsy. JAMA Neurology, 2016, 73, 1370.	4.5	64

#	Article	IF	CITATIONS
19	Contemporary analysis of the intraoperative and perioperative complications of neurosurgical procedures performed in the sitting position. Journal of Neurosurgery, 2017, 127, 182-188.	0.9	57
20	Anterior nuclear deep brain stimulation guided by concordant hippocampal recording. Neurosurgical Focus, 2015, 38, E9.	1.0	56
21	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Surgical Resection for the Treatment of Patients With Vestibular Schwannomas. Neurosurgery, 2018, 82, E40-E43.	0.6	56
22	Efficacy and safety of bevacizumab for vestibular schwannoma in neurofibromatosis type 2: a systematic review and meta-analysis of treatment outcomes. Journal of Neuro-Oncology, 2019, 144, 239-248.	1.4	56
23	Revisiting Adjuvant Radiotherapy After Gross Total Resection of World Health Organization Grade II Meningioma. World Neurosurgery, 2017, 103, 655-663.	0.7	55
24	Symptomatic Rathke cleft cysts: extent of resection and surgical complications. Neurosurgical Focus, 2011, 31, E2.	1.0	54
25	Integrating artificial intelligence with real-time intracranial EEG monitoring to automate interictal identification of seizure onset zones in focal epilepsy. Journal of Neural Engineering, 2018, 15, 046035.	1.8	54
26	Expanded endonasal endoscopic resection of anterior fossa meningiomas: report of 13 cases and meta-analysis of the literature. Neurosurgical Focus, 2011, 30, E15.	1.0	50
27	Phase I trial: safety and feasibility of intracranial electroencephalography using hybrid subdural electrodes containing macro- and microelectrode arrays. Neurosurgical Focus, 2008, 25, E23.	1.0	49
28	Interictal Scalp Electroencephalography and Intraoperative Electrocorticography in Magnetic Resonance Imaging–Negative Temporal Lobe Epilepsy Surgery. JAMA Neurology, 2014, 71, 702.	4.5	45
29	Anterior inferior petrosectomy: defining the role of endonasal endoscopic techniques for petrous apex approaches. Journal of Neurosurgery, 2014, 120, 1321-1325.	0.9	45
30	Slip Interface Imaging Predicts Tumor-Brain Adhesion in Vestibular Schwannomas. Radiology, 2015, 277, 507-517.	3.6	45
31	Slip interface imaging based on MRâ€elastography preoperatively predicts meningioma–brain adhesion. Journal of Magnetic Resonance Imaging, 2017, 46, 1007-1016.	1.9	44
32	Medullary Thyroid Cancer: The Functions of raf-1 and Human Achaete-scute Homologue-1. Thyroid, 2005, 15, 511-521.	2.4	43
33	Development of intraoperative electrochemical detection: wireless instantaneous neurochemical concentration sensor for deep brain stimulation feedback. Neurosurgical Focus, 2010, 29, E6.	1.0	43
34	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Emerging Therapies for the Treatment of Patients With Vestibular Schwannomas. Neurosurgery, 2018, 82, E52-E54.	0.6	42
35	Fast gray matter acquisition T1 inversion recovery MRI to delineate the mammillothalamic tract for preoperative direct targeting of the anterior nucleus of the thalamus for deep brain stimulation in epilepsy. Neurosurgical Focus, 2018, 45, E6.	1.0	42
36	Cortical ependymoma: an unusual epileptogenic lesion. Journal of Neurosurgery, 2011, 114, 1187-1194.	0.9	41

#	Article	IF	CITATIONS
37	Anterior Petrosectomy: Consecutive Series of 46 Patients with Attention to Approach-Related Complications. Journal of Neurological Surgery, Part B: Skull Base, 2015, 76, 379-384.	0.4	41
38	Anterior Thalamic Deep Brain Stimulation: Functional Activation Patterns in a Large Animal Model. Brain Stimulation, 2016, 9, 770-773.	0.7	41
39	Surgical Management of Trigeminal Neuralgia. Neurosurgery, 2014, 75, 220-226.	0.6	40
40	Centromedian thalamic nucleus with or without anterior thalamic nucleus deep brain stimulation for epilepsy in children and adults: A retrospective case series. Seizure: the Journal of the British Epilepsy Association, 2021, 84, 101-107.	0.9	39
41	Chordoma and Chondrosarcoma. Otolaryngologic Clinics of North America, 2015, 48, 501-514.	0.5	37
42	Trends in Management of Intracranial Meningiomas: Analysis of 49,921 Cases from Modern Cohort. World Neurosurgery, 2017, 106, 145-151.	0.7	37
43	Endoscopic endonasal approach for craniovertebral junction pathology: a review of the literature. Neurosurgical Focus, 2015, 38, E15.	1.0	36
44	Surgical Outcomes of Laser Interstitial Thermal Therapy for Temporal Lobe Epilepsy: Systematic Review and Meta-analysis. World Neurosurgery, 2020, 143, 527-536.e3.	0.7	36
45	Vascular Malformations, Rare Causes of Sciatic Neuropathy: A Case Series. Neurosurgery, 2010, 67, 1133-1142.	0.6	35
46	Chronic subthreshold cortical stimulation and stimulation-related EEG biomarkers for focal epilepsy. Brain Communications, 2019, 1, fcz010.	1.5	35
47	Olfactory outcomes after endoscopic skull base surgery: A systematic review and metaâ€analysis. Laryngoscope, 2019, 129, 1998-2007.	1.1	34
48	The Influence of Vestibular Schwannoma Tumor Volume and Growth on Hearing Loss. Otolaryngology - Head and Neck Surgery, 2020, 162, 530-537.	1.1	33
49	Bacterial Brain Abscess: An Outline for Diagnosis and Management. American Journal of Medicine, 2021, 134, 1210-1217.e2.	0.6	33
50	Thalamic deep brain stimulation modulates cycles of seizure risk in epilepsy. Scientific Reports, 2021, 11, 24250.	1.6	33
51	Probing circuit of Papez with stimulation of anterior nucleus of the thalamus and hippocampal evoked potentials. Epilepsy Research, 2020, 159, 106248.	0.8	32
52	Stereotactic electroencephalography with temporal grid and mesial temporal depth electrode coverage: does technique of depth electrode placement affect outcome?. Journal of Neurosurgery, 2010, 113, 32-38.	0.9	31
53	Magnetic resonance imaging–guided laser interstitial thermal therapy for previously treated hypothalamic hamartomas. Neurosurgical Focus, 2016, 41, E8.	1.0	31
54	Behavioral state classification in epileptic brain using intracranial electrophysiology. Journal of Neural Engineering, 2017, 14, 026001.	1.8	31

#	Article	IF	CITATIONS
55	Clinically significant intratumoral hemorrhage in patients with vestibular schwannoma. Laryngoscope, 2017, 127, 1420-1426.	1.1	31
56	Anterior nucleus of the thalamus seizure detection in ambulatory humans. Epilepsia, 2021, 62, e158-e164.	2.6	31
57	Cystic deterioration of the C1–2 articulation: clinical implications and treatment outcomes. Journal of Neurosurgery: Spine, 2011, 14, 437-443.	0.9	30
58	Intravenous recording of intracranial, broadband EEG. Journal of Neuroscience Methods, 2013, 214, 21-26.	1.3	30
59	Chronic subthreshold cortical stimulation: a therapeutic and potentially restorative therapy for focal epilepsy. Expert Review of Neurotherapeutics, 2017, 17, 661-666.	1.4	30
60	Laser ablation for mesial temporal epilepsy: a multi-site, single institutional series. Journal of Neurosurgery, 2019, 130, 2055-2062.	0.9	29
61	Brain carcinoid metastases: outcomes and prognostic factors. Journal of Neurosurgery, 2013, 118, 889-895.	0.9	28
62	Esthesioneuroblastoma with distant metastases: Systematic review & metaâ€analysis. Head and Neck, 2018, 40, 2295-2303.	0.9	28
63	Automated unsupervised behavioral state classification using intracranial electrophysiology. Journal of Neural Engineering, 2019, 16, 026004.	1.8	28
64	Carbon ion radiotherapy for skull base chordomas and chondrosarcomas: a systematic review and meta-analysis of local control, survival, and toxicity outcomes. Journal of Neuro-Oncology, 2020, 147, 503-513.	1.4	28
65	Multiple Determinants Contribute to the Virulence of HSV Ocular and CNS Infection and Identification of Serine 34 of the US1 Gene as an Ocular Disease Determinant., 2003, 44, 2657.		27
66	Acoustic neuroma observation associated with an increase in symptomatic tinnitus: results of the 2007–2008 Acoustic Neuroma Association survey. Journal of Neurosurgery, 2013, 119, 864-868.	0.9	27
67	Transnasal odontoid resection: is there an anatomic explanation for differing swallowing outcomes?. Neurosurgical Focus, 2014, 37, E16.	1.0	27
68	Chronic subthreshold cortical stimulation for adult drug-resistant focal epilepsy: safety, feasibility, and technique. Journal of Neurosurgery, 2018, 129, 533-543.	0.9	27
69	Targeting analysis of a novel parietal approach for deep brain stimulation of the anterior nucleus of the thalamus for epilepsy. Epilepsy Research, 2019, 153, 1-6.	0.8	27
70	Craniotomy for anterior cranial fossa meningiomas: historical overview. Neurosurgical Focus, 2014, 36, E14.	1.0	26
71	A Cross-sectional Survey of the North American Skull Base Society on Vestibular Schwannoma, Part 2: Perioperative Practice Patterns of Vestibular Schwannoma in North America. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, 297-301.	0.4	26
72	Polymorphous Low-Grade Neuroepithelial Tumor of the Young as a Partially Calcified Intra-Axial Mass in an Adult. American Journal of Neuroradiology, 2020, 41, 573-578.	1.2	26

#	Article	IF	CITATIONS
73	Management and Outcomes of Giant Prolactinoma: A Series of 71 Patients. Endocrine Practice, 2019, 25, 340-352.	1.1	25
74	Clinical, biological, radiological, and pathological comparison of sparsely and densely granulated somatotroph adenomas: a single center experience from a cohort of 131 patients with acromegaly. Pituitary, 2021, 24, 192-206.	1.6	25
75	Field of view comparison between two-dimensional and three-dimensional endoscopy. Laryngoscope, 2014, 124, 387-390.	1.1	24
76	Characterizing and predicting the Nelson-Salassa syndrome. Journal of Neurosurgery, 2017, 127, 1277-1287.	0.9	24
77	Thirty-day postoperative morbidity and mortality after temporal lobectomy for medically refractory epilepsy. Journal of Neurosurgery, 2018, 128, 1158-1164.	0.9	24
78	Prospective Study of Disease-Specific Quality-of-Life in Sporadic Vestibular Schwannoma Comparing Observation, Radiosurgery, and Microsurgery. Otology and Neurotology, 2021, 42, e199-e208.	0.7	24
79	Lipomas of the cerebellopontine angle and internal auditory canal. Laryngoscope, 2013, 123, 1531-1536.	1.1	23
80	Magnetic Resonance–Guided Laser Interstitial Thermal Therapy Versus Stereotactic Radiosurgery for Medically Intractable Temporal Lobe Epilepsy: A Systematic Review and Meta-Analysis of Seizure Outcomes and Complications. World Neurosurgery, 2019, 122, e32-e47.	0.7	23
81	Working Toward Consensus on Sporadic Vestibular Schwannoma Care: A Modified Delphi Study. Otology and Neurotology, 2020, 41, e1360-e1371.	0.7	23
82	Swine model for translational research of invasive intracranial monitoring. Epilepsia, 2011, 52, e49-e53.	2.6	22
83	Petroclival Chondrosarcoma. Otology and Neurotology, 2016, 37, 940-950.	0.7	22
84	Intracranial Pressure Monitoring in Acute Liver Failure: Institutional Case Series. Neurocritical Care, 2016, 25, 86-93.	1.2	22
85	Longâ€term olfaction outcomes in transnasal endoscopic skullâ€base surgery: a prospective cohort study comparing electrocautery and cold knife upper septal limb incision techniques. International Forum of Allergy and Rhinology, 2019, 9, 493-500.	1.5	22
86	Utility of adjuvant chemotherapy in patients receiving surgery and adjuvant radiotherapy for primary treatment of esthesioneuroblastoma. Head and Neck, 2019, 41, 1335-1341.	0.9	22
87	Recurrence of Rathke's cleft cysts based on gross total resection of cyst wall: a meta-analysis. Neurosurgical Review, 2020, 43, 957-966.	1.2	22
88	Distributed brain co-processor for tracking spikes, seizures and behaviour during electrical brain stimulation. Brain Communications, 2022, 4, .	1.5	22
89	Risk of Delayed Lymph Node Metastasis in Clinically NO Esthesioneuroblastoma. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, 068-074.	0.4	21
90	Anterior Nucleus of the Thalamus Deep Brain Stimulation with Concomitant Vagus Nerve Stimulation for Drug-Resistant Epilepsy. Neurosurgery, 2021, 89, 686-694.	0.6	20

#	Article	IF	Citations
91	Inverting papilloma of the temporal bone: Report of four new cases and systematic review of the literature. Laryngoscope, 2015, 125, 2576-2583.	1.1	19
92	Increased Operative Time for Benign Cranial Nerve Tumor Resection Correlates with Increased Morbidity Postoperatively. Journal of Neurological Surgery, Part B: Skull Base, 2016, 77, 350-357.	0.4	19
93	Brain Herniation into Arachnoid Granulations: Clinical and Neuroimaging Features. Journal of Neuroimaging, 2016, 26, 592-598.	1.0	18
94	Is Patient Age Associated with Perioperative Outcomes After Surgical Resection ofÂBenign Cranial Nerve Neoplasms?. World Neurosurgery, 2016, 89, 101-107.	0.7	18
95	A Cross-sectional Survey of the North American Skull Base Society: Current Practice Patterns of Vestibular Schwannoma Evaluation and Management in North America. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, 289-296.	0.4	18
96	Durability of Hearing Preservation Following Microsurgical Resection of Vestibular Schwannoma. Otology and Neurotology, 2019, 40, 1363-1372.	0.7	18
97	Use of Anterior Temporal Lobectomy for Epilepsy in a Community-Based Population. Archives of Neurology, 2012, 69, 1476.	4.9	17
98	Disseminated choroid plexus papillomas in adults: A case series and review of the literature. Journal of Clinical Neuroscience, 2016, 32, 148-154.	0.8	17
99	Trigeminal neuralgia and neuropathy in large sporadic vestibular schwannomas. Journal of Neurosurgery, 2017, 127, 992-999.	0.9	17
100	Macrophage Density Predicts Facial Nerve Outcome and Tumor Growth after Subtotal Resection of Vestibular Schwannoma. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, 482-488.	0.4	17
101	Primary Skull Base Lymphoma: Manifestations and Clinical Outcomes of a Great Imitator. Otolaryngology - Head and Neck Surgery, 2018, 159, 643-649.	1.1	17
102	Nuclei-specific thalamic connectivity predicts seizure frequency in drug-resistant medial temporal lobe epilepsy. NeuroImage: Clinical, 2019, 21, 101671.	1.4	17
103	Safety and efficacy of responsive neurostimulation in the pediatric population: Evidence from institutional review and patient-level meta-analysis. Epilepsy and Behavior, 2022, 129, 108646.	0.9	17
104	Patient-assessed satisfaction and outcome after microsurgical resection of cavernomas causing epilepsy. Neurosurgical Focus, 2010, 29, E16.	1.0	16
105	Emerging techniques for elucidating mechanism of action of deep brain stimulation., 2011, 2011, 677-80.		16
106	Morbid obesity increases risk of morbidity and reoperation in resection of benign cranial nerve neoplasms. Clinical Neurology and Neurosurgery, 2016, 148, 105-109.	0.6	16
107	The functional organization of human epileptic hippocampus. Journal of Neurophysiology, 2016, 115, 3140-3145.	0.9	16
108	Comparing spiking and slow wave activity from invasive electroencephalography in patients with and without seizures. Clinical Neurophysiology, 2018, 129, 909-919.	0.7	16

#	Article	IF	CITATIONS
109	Clinical, Pathological, and Surgical Outcomes for Adult Pineoblastomas. World Neurosurgery, 2015, 84, 1816-1824.	0.7	15
110	Preoperative diagnosis of vagal and sympathetic cervical schwannomas based on radiographic findings. Journal of Neurosurgery, 2017, 126, 690-697.	0.9	15
111	High density scalp EEG in frontal lobe epilepsy. Epilepsy Research, 2017, 129, 157-161.	0.8	15
112	Endoscopic and Microscopic Transsphenoidal Surgery of Craniopharyngiomas: A Systematic Review of Surgical Outcomes Over Two Decades. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2018, 79, 247-256.	0.4	15
113	Racial Differences in Disease Presentation and Management of Intracranial Meningioma. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 555-561.	0.4	15
114	Resolution of Cystic Deterioration of the C1-2 Articulation with Posterior Fusion: Treatment Implications for Asymptomatic Patients. World Neurosurgery, 2013, 79, 773-778.	0.7	14
115	Stereotactic Radiosurgical Salvage Treatment for Locally Recurrent Esthesioneuroblastoma. Neurosurgery, 2013, 72, 332-340.	0.6	14
116	Skull Base Manifestations of Erdheim-Chester Disease: A Case Series and Systematic Review. Neurosurgery, 2019, 85, E693-E701.	0.6	14
117	Invasive Electrophysiology for Circuit Discovery and Study of Comorbid Psychiatric Disorders in Patients With Epilepsy: Challenges, Opportunities, and Novel Technologies. Frontiers in Human Neuroscience, 2021, 15, 702605.	1.0	14
118	Spontaneous Intraventricular Hemorrhage Associated with Prolonged Diosmin Therapy. Neurocritical Care, 2011, 14, 438-440.	1.2	13
119	Mortality Rates After Emergent Posterior Fossa Decompression for Ischemic or Hemorrhagic Stroke in Older Patients. World Neurosurgery, 2016, 92, 166-170.	0.7	13
120	The Long and Winding Road: Thoracic Myelopathy Associated With Occipitocervical Dural Arteriovenous Fistula. World Neurosurgery, 2017, 108, 998.e7-998.e16.	0.7	13
121	Anterior Extension of Tumor is as Important as Tumor Size to Facial Nerve Outcome and Extent of Resection for Vestibular Schwannomas. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, 473-480.	0.4	13
122	Dural Invasion Predicts the Laterality and Development of Neck Metastases in Esthesioneuroblastoma. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, 495-500.	0.4	13
123	Vagal nerve stimulation for intractable hiccups is not a panacea: a case report and review of the literature. International Journal of Neuroscience, 2018, 128, 1114-1117.	0.8	13
124	Fallopian Canal Meningocele with Spontaneous Cerebrospinal Fluid Otorrhea: Case Report and Systematic Review of the Literature. World Neurosurgery, 2019, 122, e285-e290.	0.7	13
125	Dyna-CT as an Imaging Adjunct to Routine Percutaneous Balloon Compression for Trigeminal Neuralgia. Stereotactic and Functional Neurosurgery, 2009, 87, 330-333.	0.8	12
126	Microvascular decompression for tinnitus: systematic review. Journal of Neurosurgery, 2017, 126, 1148-1157.	0.9	12

#	Article	IF	CITATIONS
127	Ventriculostomy and Risk of Upward Herniation in Patients with Obstructive Hydrocephalus from Posterior Fossa Mass Lesions. Neurocritical Care, 2018, 28, 338-343.	1.2	12
128	Pituitary Tumor Surgery: Comparison of Endoscopic and Microscopic Techniques at a Single Center. Mayo Clinic Proceedings, 2021, 96, 2043-2057.	1.4	12
129	Twist drill craniostomy vs burr hole drainage of chronic subdural hematoma: a systematic review and meta-analysis. Acta Neurochirurgica, 2021, 163, 3229-3241.	0.9	12
130	Radiosurgery is an Effective Treatment for Recurrent Esthesioneuroblastoma: A Multicenter Study. Journal of Neurological Surgery, Part B: Skull Base, 2014, 75, 409-414.	0.4	11
131	Gliosarcoma with Primary Skull Base Invasion. Case Reports in Radiology, 2016, 2016, 1-6.	0.5	11
132	Trochlear Schwannoma Presenting with Isolated Trigeminal Neuralgia. World Neurosurgery, 2017, 103, 951.e13-951.e20.	0.7	11
133	Cranial Tumor Surgical Outcomes at a High-Volume Academic Referral Center. Mayo Clinic Proceedings, 2018, 93, 16-24.	1.4	11
134	Long-term outcomes of grade I/II skull base chondrosarcoma: an insight into the role of surgery and upfront radiotherapy. Journal of Neuro-Oncology, 2021, 153, 273-281.	1.4	11
135	Surgical outcomes of medically failed prolactinomas: a systematic review and meta-analysis. Pituitary, 2021, 24, 978-988.	1.6	11
136	Adenoid Cystic Carcinoma Metastatic to the Pituitary: A Case Report and Discussion of Potential Diagnostic Value of Magnetic Resonance Elastography in Pituitary Tumors. World Neurosurgery, 2016, 91, 669.e11-669.e14.	0.7	10
137	Volumetric analysis of olfactory neuroblastoma skull base laterality and implications on neck disease. Laryngoscope, 2018, 128, 864-870.	1.1	10
138	Beyond Gross Total and Subtotal: Does Volumetric Resection Matter in Nonfunctioning Pituitary Macroadenomas?. World Neurosurgery, 2018, 116, e733-e737.	0.7	10
139	Prevalence of Spontaneous Asymptomatic Facial Nerve Canal Meningoceles: A Retrospective Review. American Journal of Neuroradiology, 2019, 40, 1402-1405.	1.2	10
140	Prevalence of Asymptomatic Middle Cranial Fossa Floor Pits and Encephaloceles on MR Imaging. American Journal of Neuroradiology, 2019, 40, 2090-2093.	1.2	10
141	Teflonâ,, $^{\circ}$ or IvalonÂ $^{\circ}$: a scoping review of implants used in microvascular decompression for trigeminal neuralgia. Neurosurgical Review, 2020, 43, 79-86.	1.2	10
142	Populationâ€based analysis on the effect of nodal and distant metastases in sinonasal adenocarcinoma. Head and Neck, 2021, 43, 128-136.	0.9	10
143	Fluorescence guided surgery for pituitary adenomas. Journal of Neuro-Oncology, 2021, 151, 403-413.	1.4	10
144	Collet-Sicard Syndrome Attributable to Extramedullary Plasmacytoma of the Jugular Foramen. World Neurosurgery, 2018, 110, 386-390.	0.7	9

#	Article	IF	CITATIONS
145	Necessity of Multimodal Treatment of Acromegaly and Outcomes. Endocrine Practice, 2018, 24, 668-676.	1.1	9
146	Reassessing the impact of intraoperative electrocorticography on postoperative outcome of patients undergoing standard temporal lobectomy for MRI-negative temporal lobe epilepsy. Journal of Neurosurgery, 2020, 132, 605-614.	0.9	9
147	Variability Between Direct and Indirect Targeting of the Anterior Nucleus of the Thalamus. World Neurosurgery, 2020, 139, e70-e77.	0.7	9
148	Preoperative embolization of jugular paraganglioma tumors using particles is safe and effective. Interventional Neuroradiology, 2022, 28, 145-151.	0.7	9
149	How epileptogenic are temporal encephaloceles?. Neurology, 2015, 85, 1440-1441.	1.5	8
150	Radiographic and Hormonal Regression in Prolactinomas: An Analysis of Treatment Failure. World Neurosurgery, 2019, 129, e686-e694.	0.7	8
151	Collision of Craniopharyngioma and Pituitary Adenoma: Comprehensive Review of an Extremely Rare Sellar Condition. World Neurosurgery, 2021, 149, e51-e62.	0.7	8
152	Does pituitary compression/empty sella syndrome contribute to MRI-negative Cushing's disease? A single-institution experience. Neurosurgical Focus, 2020, 48, E3.	1.0	8
153	Physician Identification Badges: A Multispecialty Quality Improvement Study to Address Professional Misidentification and Bias. Mayo Clinic Proceedings, 2022, 97, 658-667.	1.4	8
154	Glioneuronal Heterotopia Presenting as Cerebellopontine Angle Tumor of Cranial NerveÂVIII. World Neurosurgery, 2018, 114, 289-292.	0.7	7
155	Esthesioneuroblastoma and Olfactory Preservation: Is it Reasonable to Attempt Smell Preservation?. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, 184-188.	0.4	7
156	Diagnosis and Outcome of Biopsies of Indeterminate Lesions of the Cavernous Sinus and Meckel's Cave: A Retrospective Case Series in 85 Patients. Neurosurgery, 2018, 83, 529-539.	0.6	7
157	Medial Temporal Encephalocele and Medically Intractable Epilepsy: A Tailored Inferior Temporal Lobectomy and Case Report. Operative Neurosurgery, 2020, 18, E19-E22.	0.4	7
158	Adjuvant radiation for WHO grade II and III intracranial meningiomas: insights on survival and practice patterns from a National Cancer Registry. Journal of Neuro-Oncology, 2020, 149, 293-303.	1.4	7
159	Aneurysmal Bone Cysts of the Paranasal Sinuses: The Mayo Clinic Experience and Review of the Literature. Laryngoscope, 2021, 131, E2525-E2533.	1.1	7
160	Timing of Restarting Anticoagulation and Antiplatelet Therapies After Traumatic Subdural Hematoma—A Single Institution Experience. World Neurosurgery, 2021, 150, e203-e208.	0.7	7
161	Insular epilepsy surgery: lessons learned from institutional review and patient-level meta-analysis. Journal of Neurosurgery, 2022, 136, 523-535.	0.9	7
162	Hearing Preservation Microsurgery in Vestibular Schwannomas: Worth Attempting in "Larger― Tumors?. Laryngoscope, 2021, , .	1.1	7

#	Article	IF	Citations
163	Longâ€ŧerm oncologic outcomes in esthesioneuroblastoma: An institutional experience of 143 patients. International Forum of Allergy and Rhinology, 2022, 12, 1457-1467.	1.5	7
164	Can Preoperative Imaging Predict Tumor Involvement of the Anterior Clinoid in Clinoid Region Meningiomas?. Neurosurgery, 2015, 77, 525-530.	0.6	6
165	The Subtemporal Approach to Retroinfundibular Craniopharyngiomas: A New Look at an Old Approach. Operative Neurosurgery, 2015, 11, 495-503.	0.4	6
166	Diagnostic Dilemma in Primary Blastomyces dermatitidis Meningitis: Role of Neurosurgical Biopsy. Case Reports in Neurology, 2015, 7, 63-70.	0.3	6
167	A Unique Case of Bilateral Recurrent Sphenoid Sinus Cerebrospinal Fluid Leaks. Annals of Otology, Rhinology and Laryngology, 2015, 124, 593-597.	0.6	6
168	Multiple Unilateral Vestibular Schwannomas: Segmental NF2 or Sporadic Occurrence?. Journal of Neurological Surgery Reports, 2016, 77, e106-e108.	0.3	6
169	Cortical surface intracranial electrodes identify clinically relevant seizures missed on scalp EEG after traumatic intracranial hemorrhage. Epileptic Disorders, 2018, 20, 551-556.	0.7	6
170	Timing of Postoperative CSF Leak after Endoscopic Skull Base Surgery in Patients with Obstructive Sleep Apnea. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 392-398.	0.4	6
171	Two cases of beneficial side effects from chronic electrical stimulation for treatment of focal epilepsy. Brain Stimulation, 2019, 12, 1077-1079.	0.7	6
172	Apoplectic Silent Crooke Cell Adenoma with Adjacent Pseudoaneurysms: Causation or Bystander?. World Neurosurgery, 2019, 122, 480-484.	0.7	6
173	Comparison of narcotic pain control between stereotactic electrocorticography and subdural grid implantation. Epilepsy and Behavior, 2020, 103, 106843.	0.9	6
174	Cortical and thalamic electrode implant followed by temporary continuous subthreshold stimulation yields long-term seizure freedom: A case report. Epilepsy and Behavior Reports, 2020, 14, 100390.	0.5	6
175	Gonadotroph Pituitary Adenoma Causing Treatable Infertility and Ovarian Hyperstimulation Syndrome in Female Patients: Neurosurgical, Endocrinologic, Gynecologic, and Reproductive Outcomes. World Neurosurgery, 2021, 150, e162-e175.	0.7	6
176	Sinonasal adenocarcinoma: <scp>Populationâ€based</scp> analysis of demographic and socioeconomic disparities. Head and Neck, 2021, 43, 2946-2953.	0.9	6
177	Induction Therapy Prior to Surgical Resection for Patients Presenting with Locally Advanced Esthesioneuroblastoma. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, e131-e137.	0.4	6
178	Overview and risk factors for postcraniotomy surgical site infection: A four-year experience. Antimicrobial Stewardship & Healthcare Epidemiology, 2022, 2, .	0.2	6
179	Pilocytic Astrocytoma Presenting as an Orbital Encephalocele: A Case Report. Case Reports in Neurology, 2015, 7, 90-94.	0.3	5
180	What happens in vagus: a case of recurrent paraganglioma with malignant transformation and an updated treatment algorithm. Journal of Surgical Case Reports, 2016, 2016, rjw012.	0.2	5

#	Article	IF	Citations
181	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Pathological Methods and Prognostic Factors in Vestibular Schwannomas. Neurosurgery, 2018, 82, E47-E48.	0.6	5
182	Skull Base Enchondroma and Chondrosarcoma in Ollier Disease and Maffucci Syndrome. World Neurosurgery, 2019, 130, e356-e361.	0.7	5
183	Neurophysiological effects of continuous cortical stimulation in epilepsy – Spike and spontaneous ECoG activity. Clinical Neurophysiology, 2019, 130, 38-45.	0.7	5
184	Navigable Channel-Based Trans-Sulcal Resection of Third Ventricular Colloid Cysts: A Multicenter Retrospective Case Series and Review of the Literature. World Neurosurgery, 2020, 133, e702-e710.	0.7	5
185	Deep brain stimulation for orthostatic tremor. Neurology: Clinical Practice, 2020, 10, 324-332.	0.8	5
186	Letter to the Editor: Survey of Academic U.S. Programs Regarding the Impact of the COVID-19 Pandemic on Clinical Practice, Education, and Research in Neurosurgery. World Neurosurgery, 2020, 140, 476-478.	0.7	5
187	Combined Anterior Transmaxillary (Caldwell-Luc) With an Endoscopic Endonasal Transpterygoid Approach for Resection of a Large Juvenile Nasopharyngeal Angiofibroma: 2-Dimensional Operative Video. Operative Neurosurgery, 2021, 20, E227-E228.	0.4	5
188	Threeâ€hundred and sixty degrees of surgical approaches to the maxillary sinus. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2022, 8, 42-53.	0.7	5
189	Rhabdomyolysis after transnasal repair of anterior basal encephalocele. World Neurosurgery, 2009, 72, 757-760.	1.3	4
190	Rate of Craniotomy Fusion After Free Bone Flap. World Neurosurgery, 2018, 118, e283-e287.	0.7	4
191	A Cross-Sectional Survey of the North American Skull Base Society Part 3: The State of Lateral Skull Base Surgery Training in North America. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 399-415.	0.4	4
192	Trigeminal Amyloidoma: A Report of Two Cases and Review of the Literature. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 620-626.	0.4	4
193	Digitally decentralised mock oral board examination for neurological surgery trainees. Medical Education, 2020, 54, 854-855.	1.1	4
194	A Comprehensive Study of Spindle Cell Oncocytoma of the Pituitary Gland: Series of 6 Cases and Meta-Analysis of 85 Cases. World Neurosurgery, 2021, 149, e197-e216.	0.7	4
195	Acute Sialadenitis After Skull Base Surgery: Systematic Review and Summative Practice Recommendations. World Neurosurgery, 2021, 150, 205-210.e1.	0.7	4
196	Intracranial electrophysiological recordings from the human brain during memory tasks with pupillometry. Scientific Data, 2022, 9, 6.	2.4	4
197	Esthesioneuroblastoma (Olfactory Neuroblastoma): Overview and Extent of Surgical Approach and Skull Base Resection. Journal of Neurological Surgery Reports, 2022, 83, e80-e82.	0.3	4
198	Surgically treated movement disorders associated with heterotopia. Journal of Neurosurgery: Pediatrics, 2010, 6, 267-272.	0.8	3

#	Article	IF	Citations
199	Medullary Venous Hypertension Secondary to a Petrous Apex Dural Arteriovenous Fistula: A Case Report. Case Reports in Neurology, 2012, 4, 187-193.	0.3	3
200	Rapid Pituitary Apoplexy Regression: What Is the Time Course of Clot Resolution?. Case Reports in Radiology, 2015, 2015, 1-5.	0.5	3
201	Prevalence and Surgical Implications of Dural Enhancement at the Porus Acusticus in Vestibular Schwannomas. Otolaryngology - Head and Neck Surgery, 2016, 155, 1021-1027.	1.1	3
202	The Disputed Discovery of Facial and Trigeminal Nerve Function: Revisiting the Contributions of Herbert Mayo and Charles Bell. Otology and Neurotology, 2017, 38, 1376-1381.	0.7	3
203	Microvascular Decompression for Treatment of Trigeminal Neuralgia in Patient with Facial Nerve Schwannoma. World Neurosurgery, 2018, 113, 142-145.	0.7	3
204	Safety of Laser Interstitial Thermal Therapy in Patients With Pacemakers. Operative Neurosurgery, 2018, 15, E69-E72.	0.4	3
205	Severe acute postoperative airway compromise secondary to submandibular sialadenitis. Canadian Journal of Anaesthesia, 2019, 66, 109-110.	0.7	3
206	Translabyrinthine Approach for Resection of Vestibular Schwannoma. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, S286-S286.	0.4	3
207	Electrode Alternative for Eighth Nerve Monitoring During Vestibular Schwannoma Resection. Laryngoscope, 2021, 131, E759-E763.	1.1	3
208	Cavernous Sinus Vascular Venous Malformation. American Journal of Neuroradiology, 2022, 43, 19-23.	1.2	3
209	Anatomical Step-by-Step Dissection of Complex Skull Base Approaches for Trainees: Surgical Anatomy of the Endoscopic Endonasal Approach to the Sellar and Parasellar Regions. Journal of Neurological Surgery, Part B: Skull Base, 2023, 84, 361-374.	0.4	3
210	Visual field mapping to prevent visual field deficits in epilepsy surgery: Seeing the problem. Neurology, 2014, 83, 578-579.	1.5	2
211	Spinal Accessory Neuropathy following Dual Tunneling of Lead Extensions for Motor Cortex Stimulation. Stereotactic and Functional Neurosurgery, 2014, 92, 178-181.	0.8	2
212	I cannot stand this anymore!. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 441-442.	0.9	2
213	The rise and fall of the craniocervical junction relative to the hard palate: a lifetime story. Journal of Neurosurgery: Spine, 2016, 24, 521-526.	0.9	2
214	Expansile Traumatic Neuroma of the Intratemporal Facial Nerve. Journal of Neurological Surgery Reports, 2019, 80, e10-e13.	0.3	2
215	Minimally Invasive, Endoscopic-Assisted Device for Subdural Electrode Implantation in Epilepsy. Operative Neurosurgery, 2020, 18, 92-97.	0.4	2
216	In Reply to the Letter to the Editor Regarding "Surgical Outcomes of Laser Interstitial Thermal Therapy for Temporal Lobe Epilepsy― World Neurosurgery, 2020, 143, 627.	0.7	2

#	Article	IF	CITATIONS
217	Sinonasal Osteosarcoma: Report of 14 New Cases and Systematic Review of the Literature. Journal of Neurological Surgery, Part B: Skull Base, 2020, 82, e138-e147.	0.4	2
218	Association of bone mineral density of the anterior cranial base, obesity, and spontaneous cerebrospinal fluid rhinorrhea. International Forum of Allergy and Rhinology, 2021, 11, 804-806.	1.5	2
219	Contemporary Surgical Management of Juvenile Nasopharyngeal Angiofibroma. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, e266-e273.	0.4	2
220	Endoscope-Assisted Resection of Extra-Axial Premedullary Neurenteric Cyst via Far Lateral-Supracondylar Approach: 2-Dimensional Operative Video. Operative Neurosurgery, 2021, 21, E544-E545.	0.4	2
221	Optic Nerve Choristoma Mimicking a Neurenteric Cyst. American Journal of Neuroradiology, 2021, 42, 228-232.	1.2	2
222	Beware: Sialadenitis as a Rare Post Neurosurgical Complication: A Single-Institution Clinical Case Series. World Neurosurgery, 2022, 162, e218-e224.	0.7	2
223	Ultra-early therapeutic anticoagulation after craniotomy – A single institution experience. Journal of Clinical Neuroscience, 2022, 100, 46-51.	0.8	2
224	Not So Small Vessel Vasculitis. JAMA Neurology, 2013, 70, 1578-9.	4.5	1
225	Dr Albert L. Rhoton Jr's Time at the Mayo Clinic: The Beginnings of a Remarkable Career. Neurosurgery, 2018, 83, 297-308.	0.6	1
226	Geographical Differences in Intracranial Meningioma Management: Examining 65,973 Patients across the United States. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 547-554.	0.4	1
227	Letter: Nonepileptic, Stereotypical, and Intermittent Symptoms (NESIS) in Patients With Subdural Hematoma: Proposal for a New Clinical Entity With Therapeutic and Prognostic Implications. Neurosurgery, 2020, 86, E484-E484.	0.6	1
228	Imaging of Anterior and Central Skull Base Tumors: a Review. Current Otorhinolaryngology Reports, 2020, 8, 120-128.	0.2	1
229	Letter: Home-Turf Advantage? The Neurosurgery Residency Match During the COVID-19 Pandemic. Neurosurgery, 2021, 89, E328-E329.	0.6	1
230	Use of Sundt Clip Graft for the Treatment of Intracranial Aneurysms: 2-Dimensional Operative Video. Operative Neurosurgery, 2021, 20, E362-E362.	0.4	1
231	Intracranial Hypotensive Crisis From an Insidious Spinal Cerebrospinal Fluid-Venous Fistula: A Case Report. Operative Neurosurgery, 2021, 21, E283-E288.	0.4	1
232	Perioperative Tranexamic Acid for ACTH-Secreting Pituitary Adenomas: Implementation Protocol Results and Trial Prospectus. World Neurosurgery, 2021, 153, e359-e364.	0.7	1
233	In Reply to the Letter to the Editor Regarding "Timing of Restarting Anticoagulation and Antiplatelet Therapies after Traumatic Subdural Hematoma—A Single Institution Experience― World Neurosurgery, 2021, 154, 195-196.	0.7	1
234	Nelson-Salassa Syndrome Progressing to Pituitary Carcinoma: A Case Report and Review of the Literature. Cureus, $2019,11,e5595.$	0.2	1

#	Article	IF	Citations
235	Delaying Postoperative Radiotherapy in Low-Grade Esthesioneuroblastoma: Is It Worth the Wait?. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, e166-e171.	0.4	1
236	Surgical approaches to refractory central lobule epilepsy: a systematic review on the role of resection, ablation, and stimulation in the contemporary era. Journal of Neurosurgery, 2022, 137, 735-746.	0.9	1
237	The Posterior Septal Nasal Floor Mucosal Flap for Cranial Base Reconstruction. Laryngoscope, 2022, ,	1.1	1
238	Outcomes of cingulate epilepsy surgery: insights from an institutional and patient-level systematic review and meta-analysis. Journal of Neurosurgery, 2022, 137, 199-208.	0.9	1
239	Floating Basilar Artery: An Interesting Clinical Dilemma. Cerebrovascular Diseases, 2008, 25, 596-598.	0.8	0
240	Seizure Characteristics and Control. Neurosurgery, 2010, 67, E878-E878.	0.6	0
241	Preoperative Embolization of the External Carotid ArteryÂBranches as an Adjunct to Superficial Temporal Artery–to–Middle Cerebral Artery Bypass. Journal of Stroke and Cerebrovascular Diseases, 2011, 20, 168-171.	0.7	0
242	Response to Journal Club. Neurosurgery, 2015, 77, 835-836.	0.6	0
243	A tardy tongue palsy. Neurology: Clinical Practice, 2016, 6, e1-e3.	0.8	0
244	Subgaleal Retention Sutures: Internal Pressure Dressing Technique for Dolenc Approach. Operative Neurosurgery, 2017, 13, 448-452.	0.4	0
245	Resection of Massive "Tarry―Intra/Extra-ventricular Prepontine Colloid Cyst: 2-Dimensional Operative Video. Operative Neurosurgery, 2019, 18, E42.	0.4	0
246	Involvement of the Cochlear Aqueduct by Jugular Paraganglioma Is Associated With Sensorineural Hearing Loss. Otology and Neurotology, 2019, 40, 1230-1236.	0.7	0
247	An Assessment of Globe Position Dynamics following Transcranial Lateral and Superior Orbital Wall Resections without Rigid Reconstruction: A Case Series of 55 Patients. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 244-250.	0.4	0
248	Subdural hematoma from an acquired dural arteriovenous fistula following external ventricular drain placement for subarachnoid hemorrhage. International Journal of Neuroscience, 2020, 130, 1166-1169.	0.8	0
249	Long-Term Outcomes of Grade I–II Skull Base Chondrosarcoma: An Insight into the Role of Surgery and Radiotherapy. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, .	0.4	0
250	Degree of preoperative hearing loss predicts time to early mobilization following vestibular schwannoma microsurgery. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2021, 42, 103073.	0.6	0
251	Outcomes of epilepsy surgery in the older population: not too old, not too late. Journal of Neurosurgery, 2022, 136, 1607-1616.	0.9	0
252	Electrocorticographic Guided Resection of Supratentoral Cavernomas. Neurosurgery, 2008, 62, 1420.	0.6	0

#	Article	IF	CITATIONS
253	Microvascular Decompression for Treatment of Trigeminal Neuralgia in a patient with a Facial Nerve Schwannoma. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
254	Juvenile Nasopharyngeal Angiofibroma: A Retrospective Institutional Surgical Case Series., 2020, 81,.		0
255	Predicting Pituitary Adenomas Consistency with Preoperative Magnetic Resonance Elastography. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.4	0
256	In Reply: Anterior Nucleus of the Thalamus Deep Brain Stimulation With Concomitant Vagus Nerve Stimulation for Drug-Resistant Epilepsy. Neurosurgery, 2022, Publish Ahead of Print, .	0.6	0
257	Letter to the Editor. The value of an engaged endocrine practice may outweigh patient factors. Journal of Neurosurgery, 2022, 136, 1504-1505.	0.9	0
258	Predictive Value of Ki-67 Index in Evaluating Sporadic Vestibular Schwannoma Recurrence: Systematic Review and Meta-analysis. Journal of Neurological Surgery, Part B: Skull Base, 0, , .	0.4	0
259	Surgical Experience and Management of Intracranial Neurenteric Cysts: Single-Center Experience and Review of the Literature. Journal of Neurological Surgery, Part B: Skull Base, 0, , .	0.4	0
260	Skull Base Neuroanatomy Education: Curriculum Overview and Initial Experience. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.4	0
261	Retrospective Review of Surgical Site Infections after Endoscopic Endonasal Sellar and Parasellar Surgery: Multi-Center Quality Data from the North American Skull Base Society. Journal of Neurological Surgery, Part B: Skull Base, 0, 0, .	0.4	0