

Gabriel Zada

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

156
papers

2,658
citations

30
h-index

46
g-index

165
ext. papers

3,241
ext. citations

2.7
avg, IF

5.47
L-index

#	Paper	IF	Citations
156	Atypical pituitary adenomas: incidence, clinical characteristics, and implications. <i>Journal of Neurosurgery</i> , 2011 , 114, 336-44	3.2	168
155	Craniopharyngioma and other cystic epithelial lesions of the sellar region: a review of clinical, imaging, and histopathological relationships. <i>Neurosurgical Focus</i> , 2010 , 28, E4	4.2	164
154	The neurosurgical anatomy of the sphenoid sinus and sellar floor in endoscopic transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2011 , 114, 1319-30	3.2	96
153	Defining the "edge of the envelope": patient selection in treating complex sellar-based neoplasms via transsphenoidal versus open craniotomy. <i>Journal of Neurosurgery</i> , 2011 , 114, 286-300	3.2	96
152	Recognition and management of delayed hyponatremia following transsphenoidal pituitary surgery. <i>Journal of Neurosurgery</i> , 2007 , 106, 66-71	3.2	84
151	MON-319 Impact of Tumor Characteristics and Preoperative IGF-1 Levels on Postoperative Hormonal Remission Following Endoscopic Transsphenoidal Surgery in Patients with Acromegaly: A Single-Surgeon Series. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	78
150	SUN-135 Characterization of Transcription Factor Immunostaining and Null Cell Adenoma Status in Hormone Negative Pituitary Adenomas. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	78
149	Pathogenesis and treatment of intracranial arachnoid cysts in pediatric patients younger than 2 years of age. <i>Neurosurgical Focus</i> , 2007 , 22, E1	4.2	73
148	Resection of pituitary tumors: endoscopic versus microscopic. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 309-317	4.8	73
147	Rathke cleft cysts: a review of clinical and surgical management. <i>Neurosurgical Focus</i> , 2011 , 31, E1	4.2	71
146	Indocyanine green fluorescence endoscopy for visual differentiation of pituitary tumor from surrounding structures. <i>Journal of Neurosurgery</i> , 2012 , 116, 935-41	3.2	59
145	Intracranial bacterial infections of oral origin. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 800-6	2.2	56
144	Stereotactic radiosurgery and ipilimumab for patients with melanoma brain metastases: clinical outcomes and toxicity. <i>Journal of Neuro-Oncology</i> , 2018 , 139, 421-429	4.8	56
143	Prevalence of neurobehavioral, social, and emotional dysfunction in patients treated for childhood craniopharyngioma: a systematic literature review. <i>PLoS ONE</i> , 2013 , 8, e76562	3.7	53
142	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Primary Management of Patients With Nonfunctioning Pituitary Adenomas. <i>Neurosurgery</i> , 2016 , 79, E533-5	3.2	48
141	Surgical treatment of rathke cleft cysts in children. <i>Neurosurgery</i> , 2009 , 64, 1132-7; author reply 1037-8	3.2	47
140	Transsphenoidal surgery in patients with acromegaly: operative strategies for overcoming technically challenging anatomical variations. <i>Neurosurgical Focus</i> , 2010 , 29, E8	4.2	45

139	Patterns of extrasellar extension in growth hormone-secreting and nonfunctional pituitary macroadenomas. <i>Neurosurgical Focus</i> , 2010 , 29, E4	4.2	41
138	Incidence trends in the anatomic location of primary malignant brain tumors in the United States: 1992-2006. <i>World Neurosurgery</i> , 2012 , 77, 518-24	2.1	40
137	A Perfusion-based Human Cadaveric Model for Management of Carotid Artery Injury during Endoscopic Endonasal Skull Base Surgery. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014 , 75, 309-13	1.5	40
136	Long-term outcomes and patterns of tumor progression after gamma knife radiosurgery for benign meningiomas. <i>Neurosurgery</i> , 2010 , 67, 322-8; discussion 328-9	3.2	40
135	A review of ocular manifestations in intracranial hypotension. <i>Neurosurgical Focus</i> , 2007 , 23, E8	4.2	40
134	Predictors of 30- and 90-day readmission following craniotomy for malignant brain tumors: analysis of nationwide data. <i>Journal of Neuro-Oncology</i> , 2018 , 136, 87-94	4.8	39
133	Combination ipilimumab and radiosurgery for brain metastases: tumor, edema, and adverse radiation effects. <i>Journal of Neurosurgery</i> , 2018 , 129, 1397-1406	3.2	36
132	The role of epigenetic modification in tumorigenesis and progression of pituitary adenomas: a systematic review of the literature. <i>PLoS ONE</i> , 2013 , 8, e82619	3.7	35
131	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline for Pretreatment Endocrine Evaluation of Patients With Nonfunctioning Pituitary Adenomas. <i>Neurosurgery</i> , 2016 , 79, E527-9	3.2	34
130	Multicenter Investigation of Channel-Based Subcortical Trans-Sulcal Exoscopic Resection of Metastatic Brain Tumors: A Retrospective Case Series. <i>Operative Neurosurgery</i> , 2019 , 16, 159-166	1.6	34
129	A proposed grading system for standardizing tumor consistency of intracranial meningiomas. <i>Neurosurgical Focus</i> , 2013 , 35, E1	4.2	33
128	Endoscopic endonasal surgery for nonadenomatous sellar/parasellar lesions. <i>World Neurosurgery</i> , 2014 , 82, S138-46	2.1	31
127	Endoscopic-assisted resection of intracranial epidermoid tumors. <i>World Neurosurgery</i> , 2014 , 82, 450-4	2.1	30
126	"Through the looking glass": optical physics, issues, and the evolution of neuroendoscopy. <i>World Neurosurgery</i> , 2012 , 77, 92-102	2.1	28
125	The growing importance of lesion volume as a prognostic factor in patients with multiple brain metastases treated with stereotactic radiosurgery. <i>Cancer Medicine</i> , 2018 , 7, 757-764	4.8	26
124	Development of a Perfusion-Based Cadaveric Simulation Model Integrated into Neurosurgical Training: Feasibility Based On Reconstitution of Vascular and Cerebrospinal Fluid Systems. <i>Operative Neurosurgery</i> , 2018 , 14, 72-80	1.6	26
123	Surgical management of craniopharyngiomas in the pediatric population. <i>Hormone Research in Paediatrics</i> , 2010 , 74, 62-6	3.3	26
122	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Pretreatment Ophthalmology Evaluation in Patients With Suspected Nonfunctioning Pituitary Adenomas. <i>Neurosurgery</i> , 2016 , 79, E530-2	3.2	24

121	Internal carotid artery aneurysms occurring at the origin of fetal variant posterior cerebral arteries: surgical and endovascular experience. <i>Neurosurgery</i> , 2008 , 63, ONS55-61; discussion ONS61-2	3.2	24
120	The extradural temporopolar approach: a review of indications and operative technique. <i>Neurosurgical Focus</i> , 2008 , 25, E3	4.2	23
119	A pilot genome-scale profiling of DNA methylation in sporadic pituitary macroadenomas: association with tumor invasion and histopathological subtype. <i>PLoS ONE</i> , 2014 , 9, e96178	3.7	23
118	"Through the looking glass": optical physics, issues, and the evolution of neuroendoscopy. <i>World Neurosurgery</i> , 2013 , 79, S3-13	2.1	21
117	Surgery and radiosurgery for acromegaly: a review of indications, operative techniques, outcomes, and complications. <i>International Journal of Endocrinology</i> , 2012 , 2012, 386401	2.7	21
116	Intraoperative conversion from endoscopic to microscopic approach for the management of sellar pathology: incidence and rationale in a contemporary series. <i>World Neurosurgery</i> , 2010 , 73, 334-7	2.1	21
115	Spontaneous intracranial hypotension and immediate improvement following epidural blood patch placement demonstrated by intracranial pressure monitoring. Case report. <i>Journal of Neurosurgery</i> , 2007 , 106, 1089-90	3.2	21
114	Use of optical fluorescence agents during surgery for pituitary adenomas: current state of the field. <i>Journal of Neuro-Oncology</i> , 2019 , 141, 585-593	4.8	21
113	Cushing's disease and idiopathic intracranial hypertension: case report and review of underlying pathophysiological mechanisms. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4850-4	5.6	20
112	Imaging of central neurocytomas. <i>Neurosurgery Clinics of North America</i> , 2015 , 26, 11-9	4	18
111	Endoscopic Endonasal Approaches to the Craniovertebral Junction: A Systematic Review of the Literature. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2015 , 76, 480-8	1.5	18
110	Diagnosis and Multimodality Management of Cushing's Disease: A Practical Review. <i>International Journal of Endocrinology</i> , 2013 , 2013, 893781	2.7	17
109	Sellar and clival plasmacytomas: case series of 5 patients with systematic review of 65 published cases. <i>Pituitary</i> , 2017 , 20, 381-392	4.3	16
108	The postoperative cortisol stress response following transsphenoidal pituitary surgery: a potential screening method for assessing preserved pituitary function. <i>Pituitary</i> , 2013 , 16, 319-25	4.3	16
107	Significance of postoperative fluid diuresis in patients undergoing transsphenoidal surgery for growth hormone-secreting pituitary adenomas. <i>Journal of Neurosurgery</i> , 2010 , 112, 744-9	3.2	16
106	Introduction: surgical management of skull base meningiomas. <i>Neurosurgical Focus</i> , 2017 , 43, Intro	4.2	14
105	Versatile utilization of real-time intraoperative contrast-enhanced ultrasound in cranial neurosurgery: technical note and retrospective case series. <i>Neurosurgical Focus</i> , 2016 , 40, E6	4.2	14
104	Cerebral vasospasm and concurrent left ventricular outflow tract obstruction: requirement for modification of hyperdynamic therapy regimen. <i>Neurocritical Care</i> , 2010 , 12, 265-8	3.3	13

103	Outcomes Following Transsphenoidal Pituitary Surgery in the Elderly: A Retrospective Single-Center Review. <i>Operative Neurosurgery</i> , 2019 , 16, 302-309	1.6	12
102	Costs and training results of an objectively validated cadaveric perfusion-based internal carotid artery injury simulation during endoscopic skull base surgery. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, 787-794	6.3	11
101	Fenestrated aneurysm clips in the surgical management of anterior communicating artery aneurysms: operative techniques and strategy. Clinical article. <i>Neurosurgical Focus</i> , 2009 , 26, E7	4.2	11
100	Early decreased tumor volume following fractionated Gamma Knife Radiosurgery for metastatic melanoma and the role of "adaptive radiosurgery": case report. <i>Neurosurgery</i> , 2010 , 67, E512-3	3.2	11
99	Raising the bar in transsphenoidal pituitary surgery. <i>World Neurosurgery</i> , 2010 , 74, 452-4	2.1	11
98	Democratizing Access to Neurosurgical Medical Education: National Efforts in a Medical Student Training Camp During Coronavirus Disease 2019. <i>World Neurosurgery</i> , 2020 , 144, e237-e243	2.1	11
97	Intracranial fusarium fungal abscess in an immunocompetent patient: case report and review of the literature. <i>Journal of Neurological Surgery Reports</i> , 2014 , 75, e241-5	1.1	10
96	Anaplastic intraventricular oligodendroglioma: case report and review of the literature. <i>World Neurosurgery</i> , 2009 , 71, 693-700		10
95	Long-Term Tumor Control Rates Following Gamma Knife Radiosurgery for Acoustic Neuroma. <i>World Neurosurgery</i> , 2019 , 122, 366-371	2.1	10
94	The use of a novel perfusion-based cadaveric simulation model with cerebrospinal fluid reconstitution comparing dural repair techniques: a pilot study. <i>Spine Journal</i> , 2017 , 17, 1335-1341	4	9
93	Safety-net versus private hospital setting for brain metastasis patients treated with radiosurgery alone: Disparities in follow-up care and outcomes. <i>Cancer</i> , 2018 , 124, 167-175	6.4	9
92	A novel method for administering intrathecal chemotherapy in patients with leptomeningeal metastases and shunted hydrocephalus: case report. <i>Operative Neurosurgery</i> , 2010 , 67, onsE306-7; discussion onsE307	1.6	9
91	Simultaneous transsphenoidal and intraventricular endoscopic approaches for macroadenomas with extensive suprasellar extension: surgery from below, above, or both?. <i>World Neurosurgery</i> , 2010 , 74, 109-10	2.1	9
90	Resolution of Chronic Aspiration Pneumonitis Following Endoscopic Endonasal Repair of Spontaneous Cerebrospinal Fluid Fistula of the Skull Base. <i>Journal of Neurological Surgery Reports</i> , 2016 , 77, e73-6	1.1	9
89	Value of pituitary gland MRI at 7 T in Cushing's disease and relationship to inferior petrosal sinus sampling: case report. <i>Journal of Neurosurgery</i> , 2018 , 1-5	3.2	9
88	Gene expression in prolactinomas: a systematic review. <i>Pituitary</i> , 2016 , 19, 93-104	4.3	8
87	Pure Endoscopic Supracerebellar Infratentorial Approach to the Pineal Region: A Case Series. <i>World Neurosurgery</i> , 2020 , 137, e603-e609	2.1	8
86	Endoscopic Endonasal and Keyhole Surgery for the Management of Skull Base Meningiomas. <i>Neurosurgery Clinics of North America</i> , 2016 , 27, 207-14	4	8

85	Limited utility of 5-ALA optical fluorescence in endoscopic endonasal skull base surgery: a multicenter retrospective study. <i>Journal of Neurosurgery</i> , 2020 , 1-7	3.2	8
84	A Guide to Annotation of Neurosurgical Intraoperative Video for Machine Learning Analysis and Computer Vision. <i>World Neurosurgery</i> , 2021 , 150, 26-30	2.1	8
83	Prolactin-Secreting Pituitary Carcinoma with Dural Metastasis: Diagnosis, Treatment, and Future Directions. <i>World Neurosurgery</i> , 2016 , 91, 676.e23-8	2.1	8
82	Simulation of Dural Repair in Minimally Invasive Spine Surgery With the Use of a Perfusion-Based Cadaveric Model. <i>Operative Neurosurgery</i> , 2019 , 17, 616-621	1.6	7
81	Pituitary Apoplexy Case Series: Outcomes After Endoscopic Endonasal Transsphenoidal Surgery at a Single Tertiary Center. <i>World Neurosurgery</i> , 2020 , 137, e366-e372	2.1	7
80	Outcomes After Minimally Invasive Parafascicular Surgery for Intracerebral Hemorrhage: A Single-Center Experience. <i>World Neurosurgery</i> , 2019 , 132, e520-e528	2.1	7
79	Management of Pituitary Adenomas Invading the Cavernous Sinus. <i>Neurosurgery Clinics of North America</i> , 2019 , 30, 445-455	4	7
78	Transsphenoidal surgery for craniopharyngiomas: the lessons of experience, timing, and restraint. <i>World Neurosurgery</i> , 2010 , 74, 256-8	2.1	7
77	Prognostic factors of early outcome and discharge status in patients undergoing surgical intervention following traumatic intracranial hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2016 , 31, 152-6	2.2	7
76	Ultra-high field magnetic resonance imaging for localization of corticotropin-secreting pituitary adenomas. <i>Neuroradiology</i> , 2020 , 62, 1051-1054	3.2	7
75	Complications Associated With Transsphenoidal Pituitary Surgery: Review of the Literature. <i>Neurosurgery</i> , 2018 , 65, 69-73	3.2	7
74	Automatic detection and segmentation of multiple brain metastases on magnetic resonance image using asymmetric UNet architecture. <i>Physics in Medicine and Biology</i> , 2021 , 66, 015003	3.8	7
73	Concurrent intracranial and spinal subdural hematoma in a teenage athlete: a case report of this rare entity. <i>Case Reports in Radiology</i> , 2014 , 2014, 143408	0.6	6
72	Impact of tumor characteristics and pre- and postoperative hormone levels on hormonal remission following endoscopic transsphenoidal surgery in patients with acromegaly. <i>Neurosurgical Focus</i> , 2020 , 48, E10	4.2	6
71	Exoscopic resection of atrial intraventricular meningiomas using a navigation-assisted channel-based trans-sulcal approach: Case series and literature review. <i>Journal of Clinical Neuroscience</i> , 2020 , 71, 58-65	2.2	6
70	Giant, calcified colloid cyst of the lateral ventricle. <i>Journal of Clinical Neuroscience</i> , 2016 , 24, 6-9	2.2	5
69	Surgical Outcomes Following Repeat Transsphenoidal Surgery for Nonfunctional Pituitary Adenomas: A Retrospective Comparative Study. <i>Operative Neurosurgery</i> , 2019 , 16, 127-135	1.6	5
68	Midline filum of the sellar dura: a useful landmark during endoscopic transsphenoidal pituitary surgery. <i>Operative Neurosurgery</i> , 2010 , 67, 391-4	1.6	5

67	Neural network modeling for prediction of recurrence, progression, and hormonal non-remission in patients following resection of functional pituitary adenomas. <i>Pituitary</i> , 2021 , 24, 523-529	4.3	5
66	Treatment of WHO Grade 2 Meningiomas With Stereotactic Radiosurgery: Identification of an Optimal Group for SRS Using RPA. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 804-814	4	5
65	Novel technique of a multifunctional electrosurgical system for minimally invasive surgery. <i>Journal of Neurosurgery</i> , 2017 , 126, 997-1002	3.2	4
64	Recruitment of Medical Students in Neurosurgery. <i>World Neurosurgery</i> , 2017 , 98, 859	2.1	4
63	Diffusion restriction in a non-enhancing metastatic brain tumor treated with bevacizumab - recurrent tumor or atypical necrosis?. <i>Clinical Imaging</i> , 2014 , 38, 724-6	2.7	4
62	Stereotactic Radiosurgery for Atypical (World Health Organization II) and Anaplastic (World Health Organization III) Meningiomas: Results From a Multicenter, International Cohort Study. <i>Neurosurgery</i> , 2021 , 88, 980-988	3.2	4
61	Stereotactic Radiosurgery for Residual and Recurrent Nonfunctioning Pituitary Adenomas: A Contemporary Case Series of GammaKnife and CyberKnife Radiosurgery. <i>World Neurosurgery</i> , 2020 , 143, e60-e69	2.1	3
60	Navigable Channel-Based Trans-Sulcal Resection of Third Ventricular Colloid Cysts: A Multicenter Retrospective Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2020 , 133, e702-e710	2.1	3
59	Frailty Is Associated with In-Hospital Morbidity and Nonroutine Disposition in Brain Tumor Patients Undergoing Craniotomy. <i>World Neurosurgery</i> , 2021 , 146, e1045-e1053	2.1	3
58	Variability and Lack of Prognostic Value Associated With Atypical Pituitary Adenoma Diagnosis: A Systematic Review and Critical Assessment of the Diagnostic Criteria. <i>Neurosurgery</i> , 2018 , 83, 602-610	3.2	3
57	"IDEAL", the operating microscope, and the parachute. <i>Acta Neurochirurgica</i> , 2018 , 160, 367-368	3	2
56	Systematic Review of Racial, Socioeconomic, and Insurance Status Disparities in Neurosurgical Care for Intracranial Tumors. <i>World Neurosurgery</i> , 2021 , 158, 38-64	2.1	2
55	Comorbid depression associated with non-routine discharge following craniotomy for low-grade gliomas and benign tumors - a nationwide readmission database analysis. <i>Acta Neurochirurgica</i> , 2020 , 162, 2671-2681	3	2
54	The role of reoperation after recurrence of Cushing's disease. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021 , 35, 101489	6.5	2
53	Safety and Effectiveness of the Direct Endoscopic Endonasal Approach for Primary Sellar Pathology: A Contemporary Case Series of More Than 400 Patients. <i>World Neurosurgery</i> , 2021 , 148, e536-e546	2.1	2
52	Noninvasive transcranial classification of stroke using a portable eddy current damping sensor. <i>Scientific Reports</i> , 2021 , 11, 10297	4.9	2
51	Use of predictive spatial modeling to reveal that primary cancers have distinct central nervous system topography patterns of brain metastasis. <i>Journal of Neurosurgery</i> , 2021 , 1-9	3.2	2
50	Differential Clinical Presentation, Intraoperative Management Strategies, and Surgical Outcomes After Endoscopic Endonasal Treatment of Cystic Sellar Masses. <i>World Neurosurgery</i> , 2020 , 133, e241-e251	2.1	2

49	Use of Salvage Surgery or Stereotactic Radiosurgery for Multiply Recurrent Skull Base Chordomas: A Single-Institution Experience and Review of the Literature. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2021 , 82, 161-174	1.5	2
48	Cavernous Sinus Hemangioma: Rare Vascular Tumor of Cavernous Sinus. <i>World Neurosurgery</i> , 2018 , 110, 432-433	2.1	2
47	Dumbbell-shaped pituitary adenomas: prognostic factors for prediction of tumor nondescent of the supradiaphragmal component from a multicenter series.. <i>Journal of Neurosurgery</i> , 2021 , 1-9	3.2	2
46	Tumor. <i>Operative Neurosurgery</i> , 2019 , 17, S119-S152	1.6	1
45	Introduction. Management of pituitary tumors: 2020 and beyond. <i>Neurosurgical Focus</i> , 2020 , 48, E1	4.2	1
44	Meningiomas: An Update on Diagnostic and Therapeutic Approaches. <i>Neurosurgery Clinics of North America</i> , 2016 , 27, xiii	4	1
43	Disparities in the surgical treatment of cerebrovascular pathologies: a contemporary systematic review. <i>World Neurosurgery</i> , 2021 , 158, 244-244	2.1	1
42	Postoperative GH and Degree of Reduction in IGF-1 Predicts Postoperative Hormonal Remission in Acromegaly. <i>Frontiers in Endocrinology</i> , 2021 , 12, 743052	5.7	1
41	Neurosurgery Concepts: Key perspectives on quality of life in children with spina bifida, cilengitide for the treatment of newly diagnosed glioblastoma, surgery and stereotactic radiosurgery in the management of intracranial metastasis, Gamma Knife radiosurgery in patients with Neurofibromatosis Type 2, patient misconceptions on the diagnosis and treatment of lumbar	1	1
40	A wearable eddy current based pulmonary function sensor for continuous non-contact point-of-care monitoring during the COVID-19 pandemic. <i>Scientific Reports</i> , 2021 , 11, 20144	4.9	1
39	Assessing indicators of glioblastoma care quality in neuro-oncology centers: Baseline results of a pilot initiative.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e18880-e18880	2.2	1
38	Surgical management of clinically silent thyrotropin pituitary adenomas: A single center series of 20 patients. <i>Journal of Clinical Neuroscience</i> , 2020 , 71, 70-75	2.2	1
37	In Reply to the Letter to the Editor Regarding "Pure Endoscopic Supracerebellar Infratentorial Approach to the Pineal Region: A Case Series". <i>World Neurosurgery</i> , 2020 , 139, 665	2.1	1
36	Effect of Comorbid Depression on Surgical Outcomes After Craniotomy for Malignant Brain Tumors: A Nationwide Readmission Database Analysis. <i>World Neurosurgery</i> , 2020 , 142, e458-e473	2.1	1
35	Endoscopic assisted craniotomy for resection of fourth ventricular lesions and confirmation of aqueductal patency via a suboccipital median aperture approach. <i>Journal of Clinical Neuroscience</i> , 2020 , 80, 50-55	2.2	1
34	Cure and Hormonal Control After Prolactinoma Resection: Case Series and Systematic Review. <i>Journal of the Endocrine Society</i> , 2021 , 5, vbv074	0.4	1
33	Effectiveness of Gamma Knife Radiosurgery in the Treatment of Refractory Trigeminal Neuralgia: A Case Series. <i>Operative Neurosurgery</i> , 2020 , 18, 571-576	1.6	1
32	Limited Utility of 5-ALA Optical Fluorescence in Endoscopic Endonasal Skull Base Surgery: A Multicenter Retrospective Study 2021 , 82,		1

31	INNV-12. A QUALITY IMPROVEMENT PROGRAM FOR GLIOBLASTOMA PATIENT CARE QUALITY IN TWO ACADEMIC TERTIARY U.S. NEURO-ONCOLOGY CENTERS. <i>Neuro-Oncology</i> , 2018 , 20, vi140-vi140	1	1
30	Stereotactic Radiosurgery for Olfactory Groove Meningiomas: An International, Multicenter Study. <i>Neurosurgery</i> , 2021 , 89, 784-791	3.2	1
29	Treatment strategies for giant pituitary adenomas in the era of endoscopic transsphenoidal surgery: a multicenter series. <i>Journal of Neurosurgery</i> , 2021 , 1-10	3.2	1
28	Anatomical and topographical variations in the distribution of brain metastases based on primary cancer origin and molecular subtypes: a systematic review.. <i>Neuro-Oncology Advances</i> , 2022 , 4, vdab170	0.9	0
27	Systematic Review of Racial, Socioeconomic, and Insurance Status Disparities in the Treatment of Pediatric Neurosurgical Diseases in the United States. <i>World Neurosurgery</i> , 2021 , 158, 65-83	2.1	0
26	Prevalence Rate of Coexisting Rathke Cleft Cysts and Pineal Cysts: A Multicenter Cross-Sectional Study. <i>World Neurosurgery</i> , 2021 , 149, e455-e459	2.1	0
25	Comorbid depression in surgical cancer patients associated with non-routine discharge and readmission. <i>Surgical Oncology</i> , 2021 , 37, 101533	2.5	0
24	Utilization of Discarded Surgical Tissue from Ultrasonic Aspirators to Establish Patient-Derived Metastatic Brain Tumor Cells: A Guide from the Operating Room to the Research Laboratory. <i>Current Protocols</i> , 2021 , 1, e140		0
23	Bilateral arachnoid cyst-associated subdural fluid collections in an infant following TBI. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021 , 81, 102189	1.7	0
22	Growth hormone secreting pituitary adenomas show distinct extrasellar extension patterns compared to nonfunctional pituitary adenomas.. <i>Pituitary</i> , 2022 , 1	4.3	0
21	Automatic differentiation of Grade I and II meningiomas on magnetic resonance image using an asymmetric convolutional neural network.. <i>Scientific Reports</i> , 2022 , 12, 3806	4.9	0
20	Surgical management of adrenocorticotrophic hormone-secreting pituitary adenomas. <i>International Journal of Endocrine Oncology</i> , 2016 , 3, 41-51	0.3	
19	Should a picture ever replace a thousand words? Harnessing technology without compromising neurosurgical resident education and patient care. <i>World Neurosurgery</i> , 2012 , 77, 287-8	2.1	
18	Development of computational models for microtesla-level magnetic brain scanning: a novel avenue for device development.. <i>BMC Biomedical Engineering</i> , 2022 , 4, 1	4.3	
17	Readmission following inpatient stereotactic radiosurgery for brain tumors. <i>Journal of Radiosurgery and SBRT</i> , 2019 , 6, 101-119	0.4	
16	Commentary: Hybrid Robotics for Endoscopic Transnasal Skull Base Surgery: Single-Centre Case Series. <i>Operative Neurosurgery</i> , 2021 , 21, E471	1.6	
15	Hemorrhagic Rathke's Cleft Cyst: Clinical Presentation and Transsphenoidal Surgical Outcomes in a Series of Six Patients. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018 , 79, S1-S188	1.5	
14	Surgical Outcomes following Repeat Transsphenoidal Surgery for Nonfunctional Pituitary Adenomas: A Retrospective Comparative Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018 , 79, S1-S188	1.5	

- 13 Resolution of Chronic Aspiration Pneumonitis following Endoscopic Endonasal Repair of Spontaneous Cerebrospinal Fluid Fistula of the Skull Base: A Case Series. *Journal of Neurological Surgery, Part B: Skull Base*, **2018**, 79, S1-S188 1.5
- 12 Commentary: Minimally Invasive Posterior Cervical Foraminotomy Using 3-Dimensional Total Navigation: 2-Dimensional Operative Video. *Operative Neurosurgery*, **2021**, 20, E141-E142 1.6
- 11 Tracking Scan to Incision Time in Patients with Emergent Operative Traumatic Brain Injuries as a Measure for Systems-Based Practice in Neurosurgical Trainees. *World Neurosurgery*, **2021**, 149, e491-e497¹
- 10 Commentary: Machine Vision for Real-Time Intraoperative Anatomic Guidance: A Proof-of-Concept Study in Endoscopic Pituitary Surgery. *Operative Neurosurgery*, **2021**, 21, E302-E303 1.6
- 9 Management of acute subdural hematoma in incarcerated patients. *Clinical Neurology and Neurosurgery*, **2021**, 201, 106441 2
- 8 In Reply to "Neurosurgery Elective for Preclinical Medical Students: 6-Year Follow-up". *World Neurosurgery*, **2018**, 110, 506 2.1
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