

Gabriel Zada

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

3,578
citations

126708

33
h-index

174990

52
g-index

165
all docs

165
docs citations

165
times ranked

3737
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.0	211
2	Atypical pituitary adenomas: incidence, clinical characteristics, and implications. <i>Journal of Neurosurgery</i> , 2011, 114, 336-344.	0.9	198
3	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.	0.9	120
4	The neurosurgical anatomy of the sphenoid sinus and sellar floor in endoscopic transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2011, 114, 1319-1330.	0.9	115
5	Recognition and management of delayed hyponatremia following transsphenoidal pituitary surgery. <i>Journal of Neurosurgery</i> , 2007, 106, 66-71.	0.9	110
6	Rathke cleft cysts: a review of clinical and surgical management. <i>Neurosurgical Focus</i> , 2011, 31, E1.	1.0	102
7	Resection of pituitary tumors: endoscopic versus microscopic. <i>Journal of Neuro-Oncology</i> , 2016, 130, 309-317.	1.4	92
8	Pathogenesis and treatment of intracranial arachnoid cysts in pediatric patients younger than 2 years of age. <i>Neurosurgical Focus</i> , 2007, 22, 1-5.	1.0	91
9	Intracranial bacterial infections of oral origin. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 800-806.	0.8	89
10	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-E535.	0.6	77
11	Prevalence of Neurobehavioral, Social, and Emotional Dysfunction in Patients Treated for Childhood Craniopharyngioma: A Systematic Literature Review. <i>PLoS ONE</i> , 2013, 8, e76562.	1.1	74
12	Stereotactic radiosurgery and ipilimumab for patients with melanoma brain metastases: clinical outcomes and toxicity. <i>Journal of Neuro-Oncology</i> , 2018, 139, 421-429.	1.4	74
13	Indocyanine green fluorescence endoscopy for visual differentiation of pituitary tumor from surrounding structures. <i>Journal of Neurosurgery</i> , 2012, 116, 935-941.	0.9	69
14	Patterns of extrasellar extension in growth hormone-secreting and nonfunctional pituitary macroadenomas. <i>Neurosurgical Focus</i> , 2010, 29, E4.	1.0	58
15	Transsphenoidal surgery in patients with acromegaly: operative strategies for overcoming technically challenging anatomical variations. <i>Neurosurgical Focus</i> , 2010, 29, E8.	1.0	58
16	Combination ipilimumab and radiosurgery for brain metastases: tumor, edema, and adverse radiation effects. <i>Journal of Neurosurgery</i> , 2018, 129, 1397-1406.	0.9	55
17	Long-term Outcomes and Patterns of Tumor Progression After Gamma Knife Radiosurgery for Benign Meningiomas. <i>Neurosurgery</i> , 2010, 67, 322-329.	0.6	53
18	SURGICAL TREATMENT OF RATHKE CLEFT CYSTS IN CHILDREN. <i>Neurosurgery</i> , 2009, 64, 1132-1138.	0.6	52

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19	Incidence Trends in the Anatomic Location of Primary Malignant Brain Tumors in the United States: 1992–2006. <i>World Neurosurgery</i> , 2012, 77, 518-524.	0.7	51
20	A review of ocular manifestations in intracranial hypotension. <i>Neurosurgical Focus</i> , 2007, 23, E8.	1.0	50
21	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.	1.1	50
22	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, 309-313.	0.4	49
23	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.	1.4	49
24	A proposed grading system for standardizing tumor consistency of intracranial meningiomas. <i>Neurosurgical Focus</i> , 2013, 35, E1.	1.0	48
25	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.	1.3	45
26	“Through the Looking Glass”: Optical Physics, Issues, and the Evolution of Neuroendoscopy. <i>World Neurosurgery</i> , 2012, 77, 92-102.	0.7	41
27	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.	0.4	41
28	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-E529.	0.6	40
29	“Through the Looking Glass”: Optical Physics, Issues, and the Evolution of Neuroendoscopy. <i>World Neurosurgery</i> , 2013, 79, S3-S13.	0.7	37
30	Endoscopic-Assisted Resection of Intracranial Epidermoid Tumors. <i>World Neurosurgery</i> , 2014, 82, 450-454.	0.7	37
31	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.	0.4	36
32	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.	1.1	36
33	Endoscopic Endonasal Surgery for Nonadenomatous Sellar/Parasellar Lesions. <i>World Neurosurgery</i> , 2014, 82, S138-S146.	0.7	35
34	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.	1.6	34
35	Surgery and Radiosurgery for Acromegaly: A Review of Indications, Operative Techniques, Outcomes, and Complications. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-7.	0.6	33
36	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-E532.	0.6	32

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37	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.	0.6	31
38	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.	0.7	30
39	The extradural temporepopolar approach: a review of indications and operative technique. <i>Neurosurgical Focus</i> , 2008, 25, E3.	1.0	29
40	Surgical Management of Craniopharyngiomas in the Pediatric Population. <i>Hormone Research in Paediatrics</i> , 2010, 74, 62-66.	0.8	28
41	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, 4850-4854.	1.8	27
42	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, 334-337.	0.7	26
43	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.	1.4	26
44	Spontaneous intracranial hypotension and immediate improvement following epidural blood patch placement demonstrated by intracranial pressure monitoring. <i>Journal of Neurosurgery</i> , 2007, 106, 1089-1090.	0.9	25
45	Frailty Is Associated with In-Hospital Morbidity and Nonroutine Disposition in Brain Tumor Patients Undergoing Craniotomy. <i>World Neurosurgery</i> , 2021, 146, e1045-e1053.	0.7	24
46	Sellar and clival plasmacytomas: case series of 5 patients with systematic review of 65 published cases. <i>Pituitary</i> , 2017, 20, 381-392.	1.6	23
47	Ultra-high field magnetic resonance imaging for localization of corticotropin-secreting pituitary adenomas. <i>Neuroradiology</i> , 2020, 62, 1051-1054.	1.1	23
48	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, 480-488.	0.4	22
49	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.	1.0	22
50	Significance of postoperative fluid diuresis in patients undergoing transsphenoidal surgery for growth hormone-secreting pituitary adenomas. <i>Journal of Neurosurgery</i> , 2010, 112, 744-749.	0.9	21
51	Diagnosis and Multimodality Management of Cushing's Disease: A Practical Review. <i>International Journal of Endocrinology</i> , 2013, 2013, 1-7.	0.6	21
52	Imaging of Central Neurocytomas. <i>Neurosurgery Clinics of North America</i> , 2015, 26, 11-19.	0.8	21
53	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.	1.5	21
54	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.	0.4	21

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55	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-e245.	0.3	19
56	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.	1.0	19
57	The postoperative cortisol stress response following transsphenoidal pituitary surgery: a potential screening method for assessing preserved pituitary function. <i>Pituitary</i> , 2013, 16, 319-325.	1.6	18
58	Introduction: surgical management of skull base meningiomas. <i>Neurosurgical Focus</i> , 2017, 43, Intro.	1.0	18
59	Stereotactic Radiosurgery for Atypical (World Health Organization II) and Anaplastic (World Health) Tj ETQq1 1 0.784314 rgBT /Overl <i>Neurosurgery</i> , 2021, 88, 980-988.	0.6	17
60	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.	1.6	16
61	A Guide to Annotation of Neurosurgical Intraoperative Video for Machine Learning Analysis and Computer Vision. <i>World Neurosurgery</i> , 2021, 150, 26-30.	0.7	16
62	Treatment strategies for giant pituitary adenomas in the era of endoscopic transsphenoidal surgery: a multicenter series. <i>Journal of Neurosurgery</i> , 2022, 136, 776-785.	0.9	16
63	Fenestrated aneurysm clips in the surgical management of anterior communicating artery aneurysms: operative techniques and strategy. <i>Neurosurgical Focus</i> , 2009, 26, E7.	1.0	15
64	Cerebral Vasospasm and Concurrent Left Ventricular Outflow Tract Obstruction: Requirement for Modification of Hyperdynamic Therapy Regimen. <i>Neurocritical Care</i> , 2010, 12, 265-268.	1.2	15
65	Endoscopic Endonasal and Keyhole Surgery for the Management of Skull Base Meningiomas. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 207-214.	0.8	15
66	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.	0.6	15
67	Outcomes Following Transsphenoidal Pituitary Surgery in the Elderly: A Retrospective Single-Center Review. <i>Operative Neurosurgery</i> , 2019, 16, 302-309.	0.4	15
68	Management of Pituitary Adenomas Invading the Cavernous Sinus. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 445-455.	0.8	15
69	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.	0.4	15
70	Pure Endoscopic Supracerebellar Infratentorial Approach to the Pineal Region: A Case Series. <i>World Neurosurgery</i> , 2020, 137, e603-e609.	0.7	15
71	Systematic Review of Racial, Socioeconomic, and Insurance Status Disparities in the Treatment of Pediatric Neurosurgical Diseases in the United States. <i>World Neurosurgery</i> , 2022, 158, 65-83.	0.7	15
72	Raising the Bar in Transsphenoidal Pituitary Surgery. <i>World Neurosurgery</i> , 2010, 74, 452-454.	0.7	13

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73	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> , 2019, 130, 347-351.	0.9	13
74	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.	0.9	13
75	Early Decreased Tumor Volume Following Fractionated GammaKnife Radiosurgery for Metastatic Melanoma and the Role of "Adaptive Radiosurgery". <i>Neurosurgery</i> , 2010, 67, E512-E513.	0.6	12
76	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, 152-156.	0.8	12
77	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.	2.0	12
78	Long-Term Tumor Control Rates Following Gamma Knife Radiosurgery for Acoustic Neuroma. <i>World Neurosurgery</i> , 2019, 122, 366-371.	0.7	12
79	Pituitary Apoplexy Case Series: Outcomes After Endoscopic Endonasal Transsphenoidal Surgery at a Single Tertiary Center. <i>World Neurosurgery</i> , 2020, 137, e366-e372.	0.7	12
80	Anaplastic intraventricular oligodendroglioma: case report and review of the literature. <i>World Neurosurgery</i> , 2009, 71, 693-700.	1.3	11
81	Prolactin-Secreting Pituitary Carcinoma with Dural Metastasis: Diagnosis, Treatment, and Future Directions. <i>World Neurosurgery</i> , 2016, 91, 676.e23-676.e28.	0.7	11
82	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-e76.	0.3	11
83	Complications Associated With Transsphenoidal Pituitary Surgery. <i>Neurosurgery</i> , 2018, 65, 69-73.	0.6	11
84	A Novel Method for Administering Intrathecal Chemotherapy in Patients With Leptomeningeal Metastases and Shunted Hydrocephalus. <i>Operative Neurosurgery</i> , 2010, 67, onsE306-E307.	0.4	10
85	Simultaneous Transsphenoidal and Intraventricular Endoscopic Approaches for Macroadenomas with Extensive Suprasellar Extension: Surgery from Below, Above, or Both?. <i>World Neurosurgery</i> , 2010, 74, 109-110.	0.7	10
86	Gene expression in prolactinomas: a systematic review. <i>Pituitary</i> , 2016, 19, 93-104.	1.6	10
87	Outcomes After Minimally Invasive Parafascicular Surgery for Intracerebral Hemorrhage: A Single-Center Experience. <i>World Neurosurgery</i> , 2019, 132, e520-e528.	0.7	10
88	Cure and Hormonal Control After Prolactinoma Resection: Case Series and Systematic Review. <i>Journal of the Endocrine Society</i> , 2021, 5, bvab074.	0.1	10
89	Systematic Review of Racial, Socioeconomic, and Insurance Status Disparities in Neurosurgical Care for Intracranial Tumors. <i>World Neurosurgery</i> , 2022, 158, 38-64.	0.7	10
90	Disparities in the Surgical Treatment of Adult Spine Diseases: A Systematic Review. <i>World Neurosurgery</i> , 2022, 158, 290-304.e1.	0.7	10

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91	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, 1-5.	0.5	9
92	Surgical Outcomes Following Repeat Transsphenoidal Surgery for Nonfunctional Pituitary Adenomas: A Retrospective Comparative Study. <i>Operative Neurosurgery</i> , 2019, 16, 127-135.	0.4	9
93	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.	1.6	9
94	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.	0.7	8
95	Transsphenoidal Surgery for Craniopharyngiomas: The Lessons of Experience, Timing, and Restraint. <i>World Neurosurgery</i> , 2010, 74, 256-258.	0.7	7
96	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.	0.8	7
97	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> , 2022, 136, 88-96.	0.9	7
98	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, vtab170.	0.4	7
99	Postoperative GH and Degree of Reduction in IGF-1 Predicts Postoperative Hormonal Remission in Acromegaly. <i>Frontiers in Endocrinology</i> , 2021, 12, 743052.	1.5	7
100	Midline Filum of the Sellar Dura: A Useful Landmark During Endoscopic Transsphenoidal Pituitary Surgery. <i>Operative Neurosurgery</i> , 2010, 67, ons391-ons394.	0.4	6
101	Giant, calcified colloid cyst of the lateral ventricle. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 6-9.	0.8	6
102	Recruitment of Medical Students in Neurosurgery. <i>World Neurosurgery</i> , 2017, 98, 859.	0.7	6
103	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.	0.6	6
104	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.	1.6	6
105	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.	0.7	5
106	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.	0.7	5
107	The role of reoperation after recurrence of Cushing's disease. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101489.	2.2	5
108	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.	0.7	5

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109	Comorbid depression in surgical cancer patients associated with non-routine discharge and readmission. <i>Surgical Oncology</i> , 2021, 37, 101533.	0.8	5
110	Dumbbell-shaped pituitary adenomas: prognostic factors for prediction of tumor nondescent of the supradiaphragmal component from a multicenter series. <i>Journal of Neurosurgery</i> , 2022, 137, 609-617.	0.9	5
111	Diffusion restriction in a non-enhancing metastatic brain tumor treated with bevacizumab " recurrent tumor or atypical necrosis?. <i>Clinical Imaging</i> , 2014, 38, 724-726.	0.8	4
112	Novel technique of a multifunctional electrosurgical system for minimally invasive surgery. <i>Journal of Neurosurgery</i> , 2017, 126, 997-1002.	0.9	4
113	Cavernous Sinus Hemangioma: Rare Vascular Tumor of Cavernous Sinus. <i>World Neurosurgery</i> , 2018, 110, 432-433.	0.7	4
114	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.	0.4	4
115	Stereotactic Radiosurgery for Olfactory Groove Meningiomas: An International, Multicenter Study. <i>Neurosurgery</i> , 2021, 89, 784-791.	0.6	4
116	Disparities in the Surgical Treatment of Cerebrovascular Pathologies: A Contemporary Systematic Review. <i>World Neurosurgery</i> , 2022, 158, 244-257.e1.	0.7	4
117	"IDEAL", the operating microscope, and the parachute. <i>Acta Neurochirurgica</i> , 2018, 160, 367-368.	0.9	3
118	Tumor. <i>Operative Neurosurgery</i> , 2019, 17, S119-S152.	0.4	3
119	Effectiveness of Gamma Knife Radiosurgery in the Treatment of Refractory Trigeminal Neuralgia: A Case Series. <i>Operative Neurosurgery</i> , 2020, 18, 571-576.	0.4	3
120	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.	0.8	3
121	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.	0.7	3
122	Noninvasive transcranial classification of stroke using a portable eddy current damping sensor. <i>Scientific Reports</i> , 2021, 11, 10297.	1.6	3
123	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.	1.3	3
124	Code-free machine learning for object detection in surgical video: a benchmarking, feasibility, and cost study. <i>Neurosurgical Focus</i> , 2022, 52, E11.	1.0	3
125	Meningiomas: An Update on Diagnostic and Therapeutic Approaches. <i>Neurosurgery Clinics of North America</i> , 2016, 27, xiii.	0.8	2
126	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.	0.8	2

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127	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.	0.9	2
128	Introduction. Management of pituitary tumors: 2020 and beyond. <i>Neurosurgical Focus</i> , 2020, 48, E1.	1.0	2
129	Prevalence Rate of Coexisting Rathke Cleft Cysts and Pineal Cysts: A Multicenter Cross-Sectional Study. <i>World Neurosurgery</i> , 2021, 149, e455-e459.	0.7	2
130	Bilateral arachnoid cyst-associated subdural fluid collections in an infant following TBI. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2021, 81, 102189.	0.5	2
131	Growth hormone secreting pituitary adenomas show distinct extrasellar extension patterns compared to nonfunctional pituitary adenomas. <i>Pituitary</i> , 2022, 25, 480-485.	1.6	2
132	Voxelwise Prediction of Recurrent High-Grade Glioma via Proximity Estimation – Coupled Multidimensional Support Vector Machine. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 1279-1287.	0.4	2
133	Association between socioeconomic status and presenting characteristics and extent of disease in patients with surgically resected nonfunctioning pituitary adenoma. <i>Journal of Neurosurgery</i> , 2022, , 1-8.	0.9	2
134	Endoscopic endonasal approaches for reconstruction of traumatic anterior skull base fractures and associated cerebrospinal fistulas: patient series. <i>Journal of Neurosurgery Case Lessons</i> , 2022, 3, .	0.1	2
135	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.	0.6	1
136	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.	0.7	1
137	Limited Utility of 5-ALA Optical Fluorescence in Endoscopic Endonasal Skull Base Surgery: A Multicenter Retrospective Study. , 2021, 82, .		1
138	Demographic-Dependent Risk of Developing Severe Novel Psychiatric Disorders after Concussion. <i>Journal of Neurotrauma</i> , 2022, 39, 131-137.	1.7	1
139	Stereotactic radiosurgery for clinoid meningiomas: a multi-institutional study. <i>Acta Neurochirurgica</i> , 2021, 163, 2861-2869.	0.9	1
140	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 spondylosis. , 2015, 6, 110.		1
141	Commentary: Hybrid Robotics for Endoscopic Transnasal Skull Base Surgery: Single-Centre Case Series. <i>Operative Neurosurgery</i> , 2021, 21, E471.	0.4	1
142	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.	0.8	1
143	Development of computational models for microtesla-level magnetic brain scanning: a novel avenue for device development. <i>BMC Biomedical Engineering</i> , 2022, 4, 1.	1.7	1
144	Ultra-high field 7 T MRI localizes regional brain volume recovery following corticotroph adenoma resection and hormonal remission in Cushing’s disease: A case series. , 0, 13, 239.		1

#	ARTICLE	IF	CITATIONS
145	Should a Picture Ever Replace a Thousand Words? Harnessing Technology without Compromising Neurosurgical Resident Education and Patient Care. <i>World Neurosurgery</i> , 2012, 77, 287-288.	0.7	0
146	Surgical management of adrenocorticotrophic hormone-secreting pituitary adenomas. <i>International Journal of Endocrine Oncology</i> , 2016, 3, 41-51.	0.4	0
147	In Reply to "Neurosurgery Elective for Preclinical Medical Students: 6-Year Follow-up". <i>World Neurosurgery</i> , 2018, 110, 506.	0.7	0
148	Management of acute subdural hematoma in incarcerated patients. <i>Clinical Neurology and Neurosurgery</i> , 2021, 201, 106441.	0.6	0
149	Treatment of Giant Pituitary Adenomas in the Era of Endoscopic Transsphenoidal Surgery: Strategy, Outcome, and Complications. , 2021, 82, .		0
150	Tracking Scan to Incision Time in Patients with Emergent Operative Traumatic Brain Injuries as a Measure for Systems-Based Practice in Neurosurgical Trainees. <i>World Neurosurgery</i> , 2021, 149, e491-e497.	0.7	0
151	Commentary: Machine Vision for Real-Time Intraoperative Anatomic Guidance: A Proof-of-Concept Study in Endoscopic Pituitary Surgery. <i>Operative Neurosurgery</i> , 2021, 21, E302-E303.	0.4	0
152	Commentary: Interhemispheric Contralateral Transfalcine Approach for Subparacentral Arteriovenous Malformation: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E369-E370.	0.4	0
153	Multivariable analysis of 63 contemporary patients diagnosed with nelson's syndrome: A nationwide readmission database study. <i>Journal of Clinical Neuroscience</i> , 2021, 92, 45-48.	0.8	0
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157	Resolution of Chronic Aspiration Pneumonitis following Endoscopic Endonasal Repair of Spontaneous Cerebrospinal Fluid Fistula of the Skull Base: A Case Series. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S1-S188.	0.4	0
158	Predictive Accuracy of MRI in Differentiation of Cystic Sellar Masses. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.4	0
159	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, .	0.1	0
160	Commentary: Minimally Invasive Posterior Cervical Foraminotomy Using 3-Dimensional Total Navigation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 20, E141-E142.	0.4	0
161	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, .	0.1	0
162	Readmission following inpatient stereotactic radiosurgery for brain tumors. <i>Journal of Radiosurgery and SBRT</i> , 2019, 6, 101-119.	0.2	0

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163	Surgical Outcomes Following Vestibular Schwannoma Resection in Patients over the Age of Sixty-five. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 0, , .	0.4	0
164	Epigenetic Dysregulation in Meningiomas. <i>Neuro-Oncology Advances</i> , 0, , .	0.4	0