

Gabriel Zada

List of Publications by Year in Descending Order

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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	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	0
155	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
154	Growth hormone secreting pituitary adenomas show distinct extrasellar extension patterns compared to nonfunctional pituitary adenomas.. <i>Pituitary</i> , 2022 , 1	4.3	0
153	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
152	Code-free machine learning for object detection in surgical video: a benchmarking, feasibility, and cost study.. <i>Neurosurgical Focus</i> , 2022 , 52, E11	4.2	0
151	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	3.2	0
150	Disparities in the surgical treatment of cerebrovascular pathologies: a contemporary systematic review. <i>World Neurosurgery</i> , 2021 , 158, 244-244	2.1	1
149	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
148	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
147	Commentary: Hybrid Robotics for Endoscopic Transnasal Skull Base Surgery: Single-Centre Case Series. <i>Operative Neurosurgery</i> , 2021 , 21, E471	1.6	0
146	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
145	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
144	Commentary: Minimally Invasive Posterior Cervical Foraminotomy Using 3-Dimensional Total Navigation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 20, E141-E142	1.6	0
143	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
142	Cure and Hormonal Control After Prolactinoma Resection: Case Series and Systematic Review. <i>Journal of the Endocrine Society</i> , 2021 , 5, bvab074	0.4	1
141	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
140	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

139	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 ^{2,1}		
138	Noninvasive transcranial classification of stroke using a portable eddy current damping sensor. <i>Scientific Reports</i> , 2021 , 11, 10297	4.9	2
137	Comorbid depression in surgical cancer patients associated with non-routine discharge and readmission. <i>Surgical Oncology</i> , 2021 , 37, 101533	2.5	0
136	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
135	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	1.6	
134	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
133	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
132	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
131	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
130	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
129	Management of acute subdural hematoma in incarcerated patients. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 201, 106441	2	
128	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
127	Limited Utility of 5-ALA Optical Fluorescence in Endoscopic Endonasal Skull Base Surgery: A Multicenter Retrospective Study 2021 , 82,		1
126	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
125	Commentary: Interhemispheric Contralateral Transfalxine Approach for Subparacentral Arteriovenous Malformation: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021 , 21, E369-E370 ^{1,6}		
124	Stereotactic radiosurgery for clinoid meningiomas: a multi-institutional study. <i>Acta Neurochirurgica</i> , 2021 , 163, 2861-2869	3	
123	Stereotactic Radiosurgery for Olfactory Groove Meningiomas: An International, Multicenter Study. <i>Neurosurgery</i> , 2021 , 89, 784-791	3.2	1
122	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

121	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	2.2	
120	Optimizing Consistency and the Scope of Excellence in Pituitary Surgery. <i>World Neurosurgery</i> , 2021 , 154, 172-173	2.1	
119	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
118	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
117	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
116	Introduction. Management of pituitary tumors: 2020 and beyond. <i>Neurosurgical Focus</i> , 2020 , 48, E1	4.2	1
115	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
114	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
113	Pure Endoscopic Supracerebellar Infratentorial Approach to the Pineal Region: A Case Series. <i>World Neurosurgery</i> , 2020 , 137, e603-e609	2.1	8
112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	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

103	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
102	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
101	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
100	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}	2.1	2
99	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
98	Ultra-high field magnetic resonance imaging for localization of corticotropin-secreting pituitary adenomas. <i>Neuroradiology</i> , 2020 , 62, 1051-1054	3.2	7
97	Tumor. <i>Operative Neurosurgery</i> , 2019 , 17, S119-S152	1.6	1
96	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
95	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
94	Outcomes Following Transsphenoidal Pituitary Surgery in the Elderly: A Retrospective Single-Center Review. <i>Operative Neurosurgery</i> , 2019 , 16, 302-309	1.6	12
93	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
92	Outcomes After Minimally Invasive Parafascicular Surgery for Intracerebral Hemorrhage: A Single-Center Experience. <i>World Neurosurgery</i> , 2019 , 132, e520-e528	2.1	7
91	Management of Pituitary Adenomas Invading the Cavernous Sinus. <i>Neurosurgery Clinics of North America</i> , 2019 , 30, 445-455	4	7
90	Readmission following inpatient stereotactic radiosurgery for brain tumors. <i>Journal of Radiosurgery and SBRT</i> , 2019 , 6, 101-119	0.4	
89	Long-Term Tumor Control Rates Following Gamma Knife Radiosurgery for Acoustic Neuroma. <i>World Neurosurgery</i> , 2019 , 122, 366-371	2.1	10
88	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
87	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
86	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

85	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
84	"IDEAL", the operating microscope, and the parachute. <i>Acta Neurochirurgica</i> , 2018 , 160, 367-368	3	2
83	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
82	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
81	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
80	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
79	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	
78	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	
77	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	1.5	
76	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
75	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
74	Cavernous Sinus Hemangioma: Rare Vascular Tumor of Cavernous Sinus. <i>World Neurosurgery</i> , 2018 , 110, 432-433	2.1	2
73	Complications Associated With Transsphenoidal Pituitary Surgery: Review of the Literature. <i>Neurosurgery</i> , 2018 , 65, 69-73	3.2	7
72	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
71	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
70	In Reply to "Neurosurgery Elective for Preclinical Medical Students: 6-Year Follow-up". <i>World Neurosurgery</i> , 2018 , 110, 506	2.1	
69	Novel technique of a multifunctional electrosurgical system for minimally invasive surgery. <i>Journal of Neurosurgery</i> , 2017 , 126, 997-1002	3.2	4
68	Recruitment of Medical Students in Neurosurgery. <i>World Neurosurgery</i> , 2017 , 98, 859	2.1	4

67	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
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	4	9
65	Introduction: surgical management of skull base meningiomas. <i>Neurosurgical Focus</i> , 2017 , 43, Intro	4.2	14
64	Giant, calcified colloid cyst of the lateral ventricle. <i>Journal of Clinical Neuroscience</i> , 2016 , 24, 6-9	2.2	5
63	Gene expression in prolactinomas: a systematic review. <i>Pituitary</i> , 2016 , 19, 93-104	4.3	8
62	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
61	Meningiomas: An Update on Diagnostic and Therapeutic Approaches. <i>Neurosurgery Clinics of North America</i> , 2016 , 27, xiii	4	1
60	Surgical management of adrenocorticotrophic hormone-secreting pituitary adenomas. <i>International Journal of Endocrine Oncology</i> , 2016 , 3, 41-51	0.3	
59	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
58	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
57	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
56	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
55	Prolactin-Secreting Pituitary Carcinoma with Dural Metastasis: Diagnosis, Treatment, and Future Directions. <i>World Neurosurgery</i> , 2016 , 91, 676.e23-8	2.1	8
54	Resection of pituitary tumors: endoscopic versus microscopic. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 309-317	4.8	73
53	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
52	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
51	Intracranial bacterial infections of oral origin. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 800-6	2.2	56
50	Imaging of central neurocytomas. <i>Neurosurgery Clinics of North America</i> , 2015 , 26, 11-9	4	18

49	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
48	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
47	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
46	Endoscopic-assisted resection of intracranial epidermoid tumors. <i>World Neurosurgery</i> , 2014 , 82, 450-4	2.1	30
45	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
44	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
43	Endoscopic endonasal surgery for nonadenomatous sellar/parasellar lesions. <i>World Neurosurgery</i> , 2014 , 82, S138-46	2.1	31
42	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
41	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
40	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
39	"Through the looking glass": optical physics, issues, and the evolution of neuroendoscopy. <i>World Neurosurgery</i> , 2013 , 79, S3-13	2.1	21
38	Diagnosis and Multimodality Management of Cushing's Disease: A Practical Review. <i>International Journal of Endocrinology</i> , 2013 , 2013, 893781	2.7	17
37	A proposed grading system for standardizing tumor consistency of intracranial meningiomas. <i>Neurosurgical Focus</i> , 2013 , 35, E1	4.2	33
36	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
35	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
34	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	
33	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
32	"Through the looking glass": optical physics, issues, and the evolution of neuroendoscopy. <i>World Neurosurgery</i> , 2012 , 77, 92-102	2.1	28

31	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
30	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
29	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
28	Atypical pituitary adenomas: incidence, clinical characteristics, and implications. <i>Journal of Neurosurgery</i> , 2011 , 114, 336-44	3.2	168
27	Rathke cleft cysts: a review of clinical and surgical management. <i>Neurosurgical Focus</i> , 2011 , 31, E1	4.2	71
26	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
25	Patterns of extrasellar extension in growth hormone-secreting and nonfunctional pituitary macroadenomas. <i>Neurosurgical Focus</i> , 2010 , 29, E4	4.2	41
24	Surgical management of craniopharyngiomas in the pediatric population. <i>Hormone Research in Paediatrics</i> , 2010 , 74, 62-6	3.3	26
23	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
22	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
21	Transsphenoidal surgery in patients with acromegaly: operative strategies for overcoming technically challenging anatomical variations. <i>Neurosurgical Focus</i> , 2010 , 29, E8	4.2	45
20	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
19	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
18	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
17	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
16	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
15	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
14	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

13	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
12	Transsphenoidal surgery for craniopharyngiomas: the lessons of experience, timing, and restraint. <i>World Neurosurgery</i> , 2010 , 74, 256-8	2.1	7
11	Raising the bar in transsphenoidal pituitary surgery. <i>World Neurosurgery</i> , 2010 , 74, 452-4	2.1	11
10	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
9	Anaplastic intraventricular oligodendroglioma: case report and review of the literature. <i>World Neurosurgery</i> , 2009 , 71, 693-700		10
8	Surgical treatment of rathke cleft cysts in children. <i>Neurosurgery</i> , 2009 , 64, 1132-7; author reply 1037-8	3.2	47
7	The extradural temporopolar approach: a review of indications and operative technique. <i>Neurosurgical Focus</i> , 2008 , 25, E3	4.2	23
6	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
5	Recognition and management of delayed hyponatremia following transsphenoidal pituitary surgery. <i>Journal of Neurosurgery</i> , 2007 , 106, 66-71	3.2	84
4	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
3	A review of ocular manifestations in intracranial hypotension. <i>Neurosurgical Focus</i> , 2007 , 23, E8	4.2	40
2	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
1	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	13, 239	