Theodore H Schwartz

List of Publications by Year
in descending order

339 papers	12,324 citations	17405 63 h-index	40881 93 g-index
343 all docs	343 docs citations	343 times ranked	7358 citing authors

#	Article	IF	Citations
1	Endoscopic, endonasal extended transsphenoidal, transplanum transtuberculum approach for resection of suprasellar lesions. Journal of Neurosurgery, 2007, 106, 400-406.	0.9	310
2	Endoscopic pituitary surgery: a systematic review and meta-analysis. Journal of Neurosurgery, 2009, 111, 545-554.	0.9	309
3	ENDOSCOPIC CRANIAL BASE SURGERY. Neurosurgery, 2008, 62, 991-1005.	0.6	281
4	Gasket Seal Closure for Extended Endonasal Endoscopic Skull Base Surgery: Efficacy in a Large Case Series. World Neurosurgery, 2013, 80, 563-568.	0.7	220
5	Endoscopic Endonasal Compared with Microscopic Transsphenoidal and Open Transcranial Resection of Craniopharyngiomas. World Neurosurgery, 2012, 77, 329-341.	0.7	217
6	Endoscopic endonasal transclival resection of chordomas: operative technique, clinical outcome, and review of the literature. Journal of Neurosurgery, 2010, 112, 1061-1069.	0.9	206
7	Endoscopic endonasal compared with microscopic transsphenoidal and open transcranial resection of giant pituitary adenomas. Pituitary, 2012, 15, 150-159.	1.6	196
8	Endoscopic Endonasal versus Open Transcranial Resection of Anterior Midline Skull Base Meningiomas. World Neurosurgery, 2012, 77, 713-724.	0.7	195
9	In vivo optical mapping of epileptic foci and surround inhibition in ferret cerebral cortex. Nature Medicine, 2001, 7, 1063-1067.	15.2	178
10	â€œGASKET-SEALâ€•WATERTIGHT CLOSURE IN MINIMAL-ACCESS ENDOSCOPIC CRANIAL BASE SURGERY. Operative Neurosurgery, 2008, 62, ONSE342-ONSE343.	0.4	173
11	Endoscopic, Endonasal Resection of Craniopharyngiomas. Neurosurgery, 2012, 70, 110-124.	0.6	173
12	The endoscopic, endonasal, transmaxillary transpterygoid approach to the pterygopalatine fossa, infratemporal fossa, petrous apex, and the Meckel cave. Journal of Neurosurgery, 2010, 113, 967-974.	0.9	160
13	Intramedullary ependymomas: clinical presentation, surgical treatment strategies and prognosis. , 2000, 47, 211-218.		144
14	Perimesencephalic Nonaneurysmal Subarachnoid Hemorrhage: Review of the Literature. Neurosurgery, 1996, 39, 433-440.	0.6	141
15	Intrinsic optical signal imaging of neocortical seizures: the â€˜epileptic dipâ€™. NeuroReport, 2006, 17, 499-503.	0.6	132
16	Janus flap: Bilateral nasoseptal flaps for anterior skull base reconstruction. Otolaryngology - Head and Neck Surgery, 2010, 142, 327-331.	1.1	129
17	Endoscopic endonasal versus transcranial approach to tuberculum sellae and planum sphenoidale meningiomas in a similar cohort of patients. Journal of Neurosurgery, 2018, 128, 40-48.	0.9	125
18	Focal Increases in Perfusion and Decreases in Hemoglobin Oxygenation Precede Seizure Onset in Spontaneous Human Epilepsy. Epilepsia, 2007, 48, 2059-2067.	2.6	123

#	Article	IF	Citations
19	Endoscopic endonasal repair of anterior skull base non-traumatic cerebrospinal fluid leaks, meningoceles, and encephaloceles. Journal of Neurosurgery, 2010, 113, 961-966.	0.9	119
20	Endoscopic Endonasal Transethmoidal Transcribriform Transfovea Ethmoidalis Approach to the Anterior Cranial Fossa and Skull Base. Neurosurgery, 2010, 66, 883-892.	0.6	118
21	Algorithm for Reconstruction After Endoscopic Pituitary and Skull Base Surgery. Laryngoscope, 2007, 117, 1133-1137.	1.1	116
22	Cavernous Sinus Invasion in Pituitary Adenomas: Systematic Review and Pooled Data Meta-Analysis of Radiologic Criteria and Comparison of Endoscopic and Microscopic Surgery. World Neurosurgery, 2016, 96, 36-46.	0.7	111
23	Endoscopic Endonasal versus Open Repair of Anterior Skull Base CSF Leak, Meningocele, and Encephalocele: A Systematic Review of Outcomes. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2013, 74, 239-250.	0.4	110
24	Preictal and Ictal Neurovascular and Metabolic Coupling Surrounding a Seizure Focus. Journal of Neuroscience, 2011, 31, 13292-13300.	1.7	109
25	Volumetric classification of pituitary macroadenomas predicts outcome and morbidity following endoscopic endonasal transsphenoidal surgery. Pituitary, 2012, 15, 450-463.	1.6	106
26	Role of Perioperative Antibiotics in Endoscopic Skull Base Surgery. Laryngoscope, 2007, 117, 1528-1532.	1.1	104
27	Endoscope-assisted endonasal versus supraorbital keyhole resection of olfactory groove meningiomas: comparison and combination of 2 minimally invasive approaches. Journal of Neurosurgery, 2016, 124, 605-620.	0.9	104
28	ICAR: endoscopic skullâ€base surgery. International Forum of Allergy and Rhinology, 2019, 9, S145-S365.	1.5	104
29	Endoscopic management of spontaneous meningoencephalocele of the lateral sphenoid sinus. Journal of Neurosurgery, 2010, 112, 1070-1077.	0.9	103
30	Endoscopic endonasal transsphenoidal surgery for functional pituitary adenomas. Neurosurgical Focus, 2011, 30, E10.	1.0	103
31	Long-Term Effectiveness of a Reconstructive Protocol Using the Nasoseptal Flap After Endoscopic Skull Base Surgery. World Neurosurgery, 2014, 81, 136-143.	0.7	102
32	Tumor Microenvironment Is Critical for the Maintenance of Cellular States Found in Primary Glioblastomas. Cancer Discovery, 2020, 10, 964-979.	7.7	102
33	Spatiotemporal Dynamics of Perfusion and Oximetry during Ictal Discharges in the Rat Neocortex. Journal of Neuroscience, 2009, 29, 2814-2823.	1.7	97
34	The Endoscope-Assisted Ventral Approach Compared with Open Microscope-Assisted Surgery for Clival Chordomas. World Neurosurgery, 2011, 76, 318-327.	0.7	93
35	Endoscopic endonasal transsphenoidal surgery for growth hormoneâ€“secreting pituitary adenomas. Neurosurgical Focus, 2010, 29, E6.	1.0	92
36	Resection of pituitary tumors: endoscopic versus microscopic. Journal of Neuro-Oncology, 2016, 130, 309-317.	1.4	92

#	Article	IF	Citations
37	Case-specific protocol to reduce cerebrospinal fluid leakage after endonasal endoscopic surgery. Journal of Neurosurgery, 2013, 119, 661-668.	0.9	90
38	Neuro-Oscillatory Phase Alignment Drives Speeded Multisensory Response Times: An Electro-Corticographic Investigation. Journal of Neuroscience, 2015, 35, 8546-8557.	1.7	90
39	The endoscopic endonasal approach to the odontoid and its impact on early extubation and feeding. Journal of Neurosurgery, 2015, 122, 511-518.	0.9	89
40	SAFETY OF LOW-DOSE INTRATHECAL FLUORESCEIN IN ENDOSCOPIC CRANIAL BASE SURGERY. Operative Neurosurgery, 2007, 61, 161-166.	0.4	88
41	Intrathecal Fluorescein in Endoscopic Skull Base Surgery. Otolaryngology - Head and Neck Surgery, 2007, 137, 316-320.	1.1	87
42	Improvements in site-specific quality of life 6 months after endoscopic anterior skull base surgery: a prospective study. Journal of Neurosurgery, 2012, 117, 498-506.	0.9	87
43	Energy deficit in parvalbumin neurons leads to circuit dysfunction, impaired sensory gating and social disability. Neurobiology of Disease, 2016, 93, 35-46.	2.1	87
44	Endoscopic skull base surgery: a comprehensive comparison with open transcranial approaches. British Journal of Neurosurgery, 2012, 26, 637-648.	0.4	86
45	Perimesencephalic Nonaneurysmal Subarachnoid Hemorrhage: Review of the Literature. Neurosurgery, 1996, 39, 433-440.	0.6	85
46	Microscopic versus endoscopic transnasal pituitary surgery. Current Opinion in Otolaryngology and Head and Neck Surgery, 2010, 18, 8-14.	0.8	84
47	Endoscopic skull base surgery and its impact on sinonasalâ€related quality of life. International Forum of Allergy and Rhinology, 2012, 2, 174-181.	1.5	84
48	Endonasal endoscopic resection of the odontoid process in a nonachondroplastic dwarf with juvenile rheumatoid arthritis: feasibility of the approach and utility of the intraoperative Iso-C three-dimensional navigation. Journal of Neurosurgery: Spine, 2008, 8, 376-380.	0.9	83
49	Neurovascular Coupling and Epilepsy: Hemodynamic Markers for Localizing and Predicting Seizure Onset. Epilepsy Currents, 2007, 7, 91-94.	0.4	82
50	Endoscopic endonasal versus open transcranial resection of craniopharyngiomas: a case-matched single-institution analysis. Neurosurgical Focus, 2016, 41, E7.	1.0	81
51	Intraoperative ElectroCorticoGraphy (ECog): indications, techniques, and utility in epilepsy surgery. Epileptic Disorders, 2014, 16, 271-279.	0.7	80
52	Dynamic Neurovascular Coupling and Uncoupling during Ictal Onset, Propagation, and Termination Revealed by Simultaneous In Vivo Optical Imaging of Neural Activity and Local Blood Volume. Cerebral Cortex, 2013, 23, 885-899.	1.6	75
53	Incidence and Significance of Intraoperative Cerebrospinal Fluid Leak in Endoscopic Pituitary Surgery Using Intrathecal Fluorescein. World Neurosurgery, 2014, 82, e513-e523.	0.7	75
54	Role of inhibitory control in modulating focal seizure spread. Brain, 2018, 141, 2083-2097.	3.7	75

#	Article	IF	Citations
55	Three-dimensional endoscopic sinus surgery: Feasibility and technical aspects. Otolaryngology - Head and Neck Surgery, 2008, 138, 400-402.	1.1	74
56	Endonasal Endoscopic Resection of an Os Odontoideum to Decompress the Cervicomedullary Junction. Spine, 2009, 34, E139-E143.	1.0	74
57	Sensitivity and specificity of intrathecal fluorescein and white light excitation for detecting intraoperative cerebrospinal fluid leak in endoscopic skull base surgery: a prospective study. Journal of Neurosurgery, 2016, 124, 621-626.	0.9	73
58	Utility of tubular retractors to minimize surgical brain injury in the removal of deep intraparenchymal lesions: a quantitative analysis of FLAIR hyperintensity and apparent diffusion coefficient maps. Journal of Neurosurgery, 2016, 124, 1053-1060.	0.9	72
59	Lessons learned in the evolution of endoscopic skull base surgery. Journal of Neurosurgery, 2019, 130, 337-346.	0.9	72
60	Late Seizures in Patients Initially Seizure Free after Epilepsy Surgery. Epilepsia, 2006, 47, 567-573.	2.6	71
61	The Transplanum Transtuberculum Approaches for Suprasellar and Sellar-Suprasellar Lesions: Avoidance of Cerebrospinal Fluid Leak and Lessons Learned. World Neurosurgery, 2014, 82, 186-195.	0.7	71
62	Blood volume and hemoglobin oxygenation response following electrical stimulation of human cortex. NeuroImage, 2006, 31, 66-75.	2.1	70
63	Phase I/II study of resection and intraoperative cesium-131 radioisotope brachytherapy in patients with newly diagnosed brain metastases. Journal of Neurosurgery, 2014, 121, 338-348.	0.9	69
64	Endoscopic Endonasal Versus Microscopic Transsphenoidal Surgery for Recurrent and/or Residual Pituitary Adenomas. World Neurosurgery, 2017, 101, 186-195.	0.7	69
65	THREE-DIMENSIONAL AND 2-DIMENSIONAL ENDOSCOPIC EXPOSURE OF MIDLINE CRANIAL BASE TARGETS USING EXPANDED ENDONASAL AND TRANSCRANIAL APPROACHES. Neurosurgery, 2009, 65, 1116-1130.	0.6	68
66	Suprasellar and recurrent pediatric craniopharyngiomas: expanding indications for the extended endoscopic transsphenoidal approach. Journal of Neurosurgery: Pediatrics, 2018, 21, 72-80.	0.8	68
67	Endoscopic Endonasal Compared with Anterior Craniofacial and Combined Cranionasal Resection of Esthesioneuroblastomas. World Neurosurgery, 2013, 80, 148-159.	0.7	67
68	Preservation of multidimensional quality of life after endoscopic pituitary adenoma resection. Journal of Neurosurgery, 2015, 123, 813-820.	0.9	64
69	Surgical outcomes using a medial-to-lateral endonasal endoscopic approach to pituitary adenomas invading the cavernous sinus. Journal of Neurosurgery, 2014, 120, 1086-1094.	0.9	63
70	Endoscopic Transsphenoidal Pituitary Surgery with Intraoperative Magnetic Resonance Imaging. Operative Neurosurgery, 2006, 58, ONS-44-ONS-51.	0.4	62
71	Transorbital endoscopic eyelid approach for resection of sphenoorbital meningiomas with predominant hyperostosis: report of 2 cases. Journal of Neurosurgery, 2018, 128, 1885-1895.	0.9	61
72	Decision-making algorithm for minimally invasive approaches to anterior skull base meningiomas. Neurosurgical Focus, 2018, 44, E7.	1.0	60

#	Article	IF	Citations
73	Neurovascular Coupling and Oximetry During Epileptic Events. Molecular Neurobiology, 2006, 33, 181-198.	1.9	58
74	Temporal Dependence in Uncoupling of Blood Volume and Oxygenation during Interictal Epileptiform Events in Rat Neocortex. Journal of Neuroscience, 2005, 25, 68-77.	1.7	57
75	Intraoperative optical imaging of human face cortical topography: a case study. NeuroReport, 2004, 15, 1527-1531.	0.6	56
76	Endoscopic Endonasal Resection of Suprasellar Meningiomas: The Importance of Case Selection and Experience in Determining Extent of Resection, Visual Improvement, and Complications. World Neurosurgery, 2014, 82, 442-449.	0.7	56
77	Pneumocephalus patterns following endonasal endoscopic skull base surgery as predictors of postoperative CSF leaks. Journal of Neurosurgery, 2014, 121, 961-975.	0.9	55
78	Surgical management of trigeminal schwannomas: defining the role for endoscopic endonasal approaches. Neurosurgical Focus, 2014, 37, E17.	1.0	55
79	Long-term quality of life after endonasal endoscopic resection of adult craniopharyngiomas. Journal of Neurosurgery, 2015, 123, 571-580.	0.9	55
80	Endonasal endoscopic reoperation for residual or recurrent craniopharyngiomas. Journal of Neurosurgery, 2017, 126, 418-430.	0.9	55
81	Galliumâ€68 DOTATATE PET in the Evaluation of Intracranial Meningiomas. Journal of Neuroimaging, 2019, 29, 650-656.	1.0	55
82	Middle Turbinate Preservation in Endoscopic Transsphenoidal Surgery of the Anterior Skull Base. Skull Base, 2010, 20, 343-347.	0.4	52
83	Clinical Outcomes of Large Brain Metastases Treated With Neurosurgical Resection and Intraoperative Cesium-131 Brachytherapy: Results of a Prospective Trial. International Journal of Radiation Oncology Biology Physics, 2017, 98, 1059-1068.	0.4	52
84	A prospective study of postoperative symptoms in sinonasal qualityâ€ofâ€life following endoscopic skullâ€base surgery: dissociations based on specific symptoms. International Forum of Allergy and Rhinology, 2013, 3, 664-669.	1.5	51
85	Three-dimensional volumetric measurements in defining endoscope-guided giant adenoma surgery outcomes. Pituitary, 2016, 19, 311-321.	1.6	51
86	Endoscopic extended transsphenoidal resection of craniopharyngiomas: nuances of neurosurgical technique. Neurosurgical Focus, 2014, 37, E10.	1.0	49
87	Low-dose intrathecal fluorescein and etiology-based graft choice in endoscopic endonasal closure of CSF leaks. Clinical Neurology and Neurosurgery, 2014, 116, 28-34.	0.6	48
88	Transnasal Endoscopic Resection of a Cavernous Sinus Hemangioma: Technical Note and Review of the Literature. Skull Base, 2008, 18, 309-315.	0.4	47
89	Hemodynamic Surrogates for Excitatory Membrane Potential Change During Interictal Epileptiform Events in Rat Neocortex. Journal of Neurophysiology, 2009, 101, 2550-2562.	0.9	47
90	Endoscopic extended transsphenoidal resection of tuberculum sellae meningiomas: nuances of neurosurgical technique. Neurosurgical Focus, 2013, 35, E6.	1.0	47

#	Article	IF	Citations
91	The combined transpetrosal approach: Anatomic study and literature review. Journal of Clinical Neuroscience, 2017, 41, 36-40.	0.8	47
92	Impact of skull base development on endonasal endoscopic surgical corridors. Journal of Neurosurgery: Pediatrics, 2014, 13, 155-169.	0.8	46
93	Surgical Approaches to the Orbital Apex: Comparison of Endoscopic Endonasal and Transcranial Approaches using a Novel 3D Endoscope. Orbit, 2011, 30, 43-48.	0.5	45
94	Preictal changes in cerebral haemodynamics: Review of findings and insights from intracerebral EEG. Epilepsy Research, 2011, 97, 252-266.	0.8	43
95	Standardization of Amygdalohippocampectomy with Intraoperative Magnetic Resonance Imaging: Preliminary Experience. Epilepsia, 2002, 43, 430-436.	2.6	42
96	Intraoperative MRI versus 5-ALA in high-grade glioma resection: a network meta-analysis. Journal of Neurosurgery, 2021, 134, 484-498.	0.9	42
97	The endoscopic endonasal transsphenoidal approach to the suprasellar cistern. Clinical Neurosurgery, 2007, 54, 226-35.	0.2	42
98	Managing Arterial Injury in Endoscopic Skull Base Surgery: Case Series and Review of the Literature. Operative Neurosurgery, 2017, 13, 138-149.	0.4	41
99	Limitations of the endonasal endoscopic approach in treating olfactory groove meningiomas. A systematic review. Acta Neurochirurgica, 2017, 159, 1875-1885.	0.9	41
100	Endoscopic endonasal resection of skull base meningiomas: the significance of a â€œcortical cuffâ€•and brain edema compared with careful case selection and surgical experience in predicting morbidity and extent of resection. Neurosurgical Focus, 2014, 37, E7.	1.0	40
101	Endoscopic endonasal resection of skull base chondrosarcomas: technique and early results. Journal of Neurosurgery, 2015, 122, 735-742.	0.9	40
102	Contralateral supraorbital keyhole approach to medial optic nerve lesions: an anatomoclinical study. Journal of Neurosurgery, 2017, 126, 940-944.	0.9	40
103	Cesium-131 brachytherapy for recurrent brain metastases: durable salvage treatment for previously irradiated metastatic disease. Journal of Neurosurgery, 2017, 126, 1212-1219.	0.9	40
104	Do Reactive Post-Resection "Injury" Spikes Exist?. Epilepsia, 2000, 41, 1463-1468.	2.6	38
105	Quadrigeminal Variant of Perimesencephalic Nonaneurysmal Subarachnoid Hemorrhage. Neurosurgery, 2000, 46, 584-588.	0.6	38
106	Functionâ€Specific Highâ€Probability â€œNodesâ€•Identified in Posterior Language Cortex. Epilepsia, 1999, 40, 575-583.	2.6	37
107	Predictors of short-term outcomes following endoscopic pituitary surgery. Clinical Neurology and Neurosurgery, 2009, 111, 119-122.	0.6	37
108	The Endoscopic Endonasal Approach to Repair of Iatrogenic and Noniatrogenic Cerebrospinal Fluid Leaks and Encephaloceles of the Anterior Cranial Fossa. World Neurosurgery, 2014, 82, S86-S94.	0.7	37

#	Article	IF	Citations
109	The value of intraoperative electrocorticography in surgical decision making for temporal lobe epilepsy with normal MRI. Epilepsia, 2011, 52, 941-948.	2.6	36
110	Endoscopic endonasal approaches to the cavernous sinus. International Forum of Allergy and Rhinology, 2012, 2, 9-15.	1.5	36
111	Endoscopic Endonasal Resection of Trigeminal Schwannomas. Neurosurgery Clinics of North America, 2015, 26, 473-479.	0.8	36
112	How long is the tail end of the learning curve? Results from 1000 consecutive endoscopic endonasal skull base cases following the initial 200 cases. Journal of Neurosurgery, 2020, 134, 1-11.	0.9	36
113	Defining Glioblastoma Resectability Through the Wisdom of the Crowd: A Proof-of-Principle Study. Neurosurgery, 2017, 80, 590-601.	0.6	34
114	Reoperative endoscopic endonasal surgery for residual or recurrent pituitary adenomas. Journal of Neurosurgery, 2017, 127, 397-408.	0.9	34
115	Transorbital endoscopic approach for exposure of the sylvian fissure, middle cerebral artery and crural cistern: an anatomical study. Acta Neurochirurgica, 2017, 159, 1893-1907.	0.9	34
116	Endonasal endoscopic transsphenoidal resection of intrinsic third ventricular craniopharyngioma: surgical results. Journal of Neurosurgery, 2019, 131, 1152-1162.	0.9	34
117	Preserve or sacrifice the stalk? Endocrinological outcomes, extent of resection, and recurrence rates following endoscopic endonasal resection of craniopharyngiomas. Journal of Neurosurgery, 2019, 131, 1163-1171.	0.9	34
118	Endoscopic endonasal approach to the ventral brainstem: anatomical feasibility and surgical limitations. Journal of Neurosurgery, 2017, 127, 1139-1146.	0.9	33
119	Endonasal endoscopic pituitary surgery in the elderly. Journal of Neurosurgery, 2018, 128, 429-436.	0.9	33
120	The Simpson grade: abandon the scale but preserve the message. Journal of Neurosurgery, 2020, , 1-8.	0.9	33
121	Functional Magnetic Resonance Imaging Localization of Ictal Onset to a Dysplastic Cleft with Simultaneous Sensorimotor Mapping: Intraoperative Electrophysiological Confirmation and Postoperative Follow-up: Technical Note. Neurosurgery, 1998, 43, 639-644.	0.6	32
122	The Impact of Age on Long-Term Quality of Life After Endonasal Endoscopic Resection of Skull Base Meningiomas. Neurosurgery, 2016, 79, 736-745.	0.6	32
123	Pediatric Suprasellar Tumors. Journal of Child Neurology, 2016, 31, 1367-1376.	0.7	32
124	Endoscopic Endonasal Transsphenoidal â€œAbove and Belowâ€•Approach to the Retroinfundibular Area and Interpeduncular Cisternâ€”Cadaveric Study and Case Illustrations. World Neurosurgery, 2014, 81, 374-384.	0.7	31
125	Combined Cranionasal Surgery for Spheno-Orbital Meningiomas Invading the Paranasal Sinuses, Pterygopalatine, and Infratemporal Fossa. World Neurosurgery, 2013, 80, e367-e373.	0.7	30
126	Coupling between gamma-band power and cerebral blood volume during recurrent acute neocortical seizures. NeuroImage, 2014, 97, 62-70.	2.1	30

#	Article	IF	Citations
127	Interneuron Progenitors Attenuate the Power of Acute Focal Ictal Discharges. Neurotherapeutics, 2011, 8, 763-773.	2.1	29
128	Lumbar Drains Decrease the Risk of Postoperative Cerebrospinal Fluid Leak Following Endonasal Endoscopic Surgery for Suprasellar Meningiomas in Patients With High Body Mass Index. Operative Neurosurgery, 2018, 14, 66-71.	0.4	29
129	The slope of the learning curve in 600 consecutive endoscopic transsphenoidal pituitary surgeries. Acta Neurochirurgica, 2020, 162, 2361-2370.	0.9	29
130	The Importance and Timing of Optic Canal Exploration and Decompression During Endoscopic Endonasal Resection of Tuberculum Sella and Planum Sphenoidale Meningiomas. Operative Neurosurgery, 2012, 71, ons58-ons67.	0.4	29
131	Tissue hypoxia correlates with intensity of interictal spikes. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1394-1402.	2.4	28
132	Corridor-Based Endonasal Endoscopic Surgery for Pediatric Skull Base Pathology With Detailed Radioanatomic Measurements. Operative Neurosurgery, 2014, 10, 273-293.	0.4	28
133	Optogenetic tools for modulating and probing the epileptic network. Epilepsy Research, 2015, 116, 15-26.	0.8	28
134	Reoperation for growth hormoneâ€“secreting pituitary adenomas: report on an endonasal endoscopic series with a systematic review and meta-analysis of the literature. Journal of Neurosurgery, 2018, 129, 404-416.	0.9	28
135	Letter: COVID-19 Impact on the Medical Student Path to Neurosurgery. Neurosurgery, 2020, 87, E232-E233.	0.6	28
136	Endoscopic Endonasal Access to the Jugular Foramen: Defining the Surgical Approach. Journal of Neurological Surgery, Part B: Skull Base, 2012, 73, 342-351.	0.4	27
137	Neurocognitive function and quality of life in patients with newly diagnosed brain metastasis after treatment with intra-operative cesium-131 brachytherapy: a prospective trial. Journal of Neuro-Oncology, 2016, 127, 63-71.	1.4	27
138	Wide-fieldin vivoneocortical calcium dye imaging using a convection-enhanced loading technique combined with simultaneous multiwavelength imaging of voltage-sensitive dyes and hemodynamic signals. Neurophotonics, 2014, 1, 015003.	1.7	26
139	Endoscopic endonasal surgery for nonadenomatous, nonmeningeal pathology involving the cavernous sinus. Journal of Neurosurgery, 2017, 126, 880-888.	0.9	26
140	Intracranial Nasal Natural Killer/T-cell Lymphoma: Immunopathologically-Confirmed Case and Review of Literature. Journal of Neuro-Oncology, 2005, 75, 185-188.	1.4	25
141	Surgical Technique and Clinically Relevant Resection Cavity Dynamics Following Implantation of Cesium-131 Brachytherapy in Patients With Brain Metastases. Operative Neurosurgery, 2016, 12, 49-60.	0.4	25
142	MIS approaches in the cervical spine. Journal of Spine Surgery, 2019, 5, S74-S74.	0.6	25
143	Longâ€term sinonasal outcomes after endoscopic skull base surgery with nasoseptal flap reconstruction. Laryngoscope, 2019, 129, 1035-1040.	1.1	25
144	Optical Imaging of Epileptiform Events in Visual Cortex in Response to Patterned Photic Stimulation. Cerebral Cortex, 2003, 13, 1287-1298.	1.6	24

#	Article	IF	Citations
145	Endoscopic endonasal clip ligation of cerebral aneurysms: an anatomical feasibility study and future directions. Journal of Neurosurgery, 2016, 124, 463-468.	0.9	24
146	Pituitary society expert Delphi consensus: operative workflow in endoscopic transsphenoidal pituitary adenoma resection. Pituitary, 2021, 24, 839-853.	1.6	24
147	The Application of Optical Recording of Intrinsic Signals to Simultaneously Acquire Functional, Pathological and Localizing Information and Its Potential Role in Neurosurgery. Stereotactic and Functional Neurosurgery, 2005, 83, 36-44.	0.8	23
148	Endoscopic Endonasal Management of Craniopharyngioma. Otolaryngologic Clinics of North America, 2016, 49, 201-212.	0.5	23
149	Double pituitary adenomas are most commonly associated with GH- and ACTH-secreting tumors: systematic review of the literature. Pituitary, 2017, 20, 702-708.	1.6	23
150	10 Pearls for Safe Endoscopic Skull Base Surgery. Otolaryngologic Clinics of North America, 2010, 43, 945-954.	0.5	22
151	Endoscopic transorbital approach to the infratemporal fossa and parapharyngeal space: a cadaveric study. Journal of Neurosurgery, 2020, 133, 1948-1959.	0.9	22
152	Non-neoplastic intramedullary pathology. Diagnostic dilemma: to Bx or not to Bx. , 2000, 47, 283-292.		21
153	Recent developments in oximetry and perfusion-based mapping techniques and their role in the surgical treatment of neocortical epilepsy. Epilepsy and Behavior, 2006, 8, 363-375.	0.9	21
154	The Importance of Latency in the Focality of Perfusion and Oxygenation Changes Associated with Triggered after Discharges in Human Cortex. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1003-1014.	2.4	21
155	Imaging preictal hemodynamic changes in neocortical epilepsy. Neurosurgical Focus, 2013, 34, E10.	1.0	21
156	Utility of Early Postoperative High-Resolution Volumetric Magnetic Resonance Imaging After Transsphenoidal Pituitary Tumor Surgery. World Neurosurgery, 2014, 82, 777-780.	0.7	21
157	Glial Calcium Waves are Triggered by Seizure Activity and Not Essential for Initiating Ictal Onset or Neurovascular Coupling. Cerebral Cortex, 2017, 27, 3318-3330.	1.6	21
158	BRAF V600E mutant papillary craniopharyngiomas: a single-institutional case series. Pituitary, 2018, 21, 571-583.	1.6	21
159	A Dual Approach for the Management of Complex Craniovertebral Junction Abnormalities: Endoscopic Endonasal Odontoidectomy and Posterior Decompression with Fusion. World Neurosurgery: X, 2019, 2, 100010.	0.6	21
160	Endoscopic endonasal approach for resection of ventral skull base keratinaceous cysts. International Forum of Allergy and Rhinology, 2012, 2, 258-263.	1.5	20
161	Endoscopic endonasal odontoid resection with real-time intraoperative image-guided computed tomography: report of 4 cases. Journal of Neurosurgery, 2018, 128, 1486-1491.	0.9	20
162	Do craniopharyngioma molecular signatures correlate with clinical characteristics?. Journal of Neurosurgery, 2018, 128, 1473-1478.	0.9	20

#	Article	IF	Citations
163	Palliative Endoscopic Surgery in Advanced Sinonasal and Anterior Skull Base Neoplasms. Otolaryngology - Head and Neck Surgery, 2010, 142, 126-128.	1.1	19
164	Multi-Layer Reconstruction During Endoscopic Endonasal Surgery: How Much Is Necessary?. World Neurosurgery, 2015, 83, 138-139.	0.7	19
165	Readmission after endoscopic transsphenoidal pituitary surgery: analysis of 584 consecutive cases. Journal of Neurosurgery, 2020, 133, 1242-1247.	0.9	19
166	Update on management of craniopharyngiomas. Journal of Neuro-Oncology, 2022, 156, 97-108.	1.4	19
167	Betadine irrigation and post-craniotomy wound infection. Clinical Neurology and Neurosurgery, 2014, 118, 49-52.	0.6	18
168	Endoscopic Endonasal Management of Metastatic Lesions of the Anterior Skull Base: Case Series and Literature Review. World Neurosurgery, 2015, 84, 1267-1277.	0.7	18
169	Endoscopic endonasal approach for suprasellar meningiomas: introduction of a new scoring system to predict extent of resection and assist in case selection with long-term outcome data. Journal of Neurosurgery, 2020, 135, 113-125.	0.9	18
170	Use of a side-cutting aspiration device for resection of tumors during endoscopic endonasal approaches. Neurosurgical Focus, 2011, 30, E13.	1.0	17
171	Intranasal crossâ€sectional area and quality of life changes following endoscopic transsphenoidal skull base surgery. International Forum of Allergy and Rhinology, 2015, 5, 1124-1128.	1.5	17
172	Optical electrocorticogram (OECoG) using wide-field calcium imaging reveals the divergence of neuronal and glial activity during acute rodent seizures. Epilepsy and Behavior, 2015, 49, 61-65.	0.9	17
173	The cost-effectiveness of surgical resection and cesium-131 intraoperative brachytherapy versus surgical resection and stereotactic radiosurgery in the treatment of metastatic brain tumors. Journal of Neuro-Oncology, 2016, 127, 145-153.	1.4	17
174	Optimal Timing and Sequence of Immunotherapy When Combined with Stereotactic Radiosurgery in the Treatment of Brain Metastases. World Neurosurgery, 2019, 127, 397-404.	0.7	17
175	Intraoperative brachytherapy for resected brain metastases. Brachytherapy, 2019, 18, 258-270.	0.2	17
176	Low incidence of true Sternbergâ€™s canal defects among lateral sphenoid sinus encephaloceles. Acta Neurochirurgica, 2020, 162, 2413-2420.	0.9	17
177	Acellular dermal matrix as an alternative to autologous fascia lata for skull base repair following extended endoscopic endonasal approaches. Acta Neurochirurgica, 2020, 162, 863-873.	0.9	17
178	Endonasal Endoscopic Transsphenoidal Resection of Tuberculum Sella Meningioma with Anterior Cerebral Artery Encasement. Cureus, 2015, 7, e311.	0.2	17
179	The Simpson Grading: Is It Still Valid?. Cancers, 2022, 14, 2007.	1.7	17
180	Quadrigeminal non-aneurysmal subarachnoid hemorrhageâ€”a true variant of perimesencephalic subarachnoid hemorrhage. Case report. Clinical Neurology and Neurosurgery, 2003, 105, 95-98.	0.6	16

#	Article	IF	Citations
181	A matched-pair analysis of clinical outcomes after intracavitary cesium-131 brachytherapy versus stereotactic radiosurgery for resected brain metastases. Journal of Neurosurgery, 2021, 134, 1447-1454.	0.9	16
182	Endoscopic transorbital surgery levels of difficulty. Journal of Neurosurgery, 2022, 137, 1187-1190.	0.9	16
183	Endoscopic endonasal transclival approach to a ventral pontine pediatric ependymoma. Journal of Neurosurgery: Pediatrics, 2013, 12, 465-468.	0.8	15
184	Endonasal endoscopic transsphenoidal chiasmapexy using a clival cranial base cranioplasty for visual loss from massive empty sella following macroprolactinoma treatment with bromocriptine: case report. Journal of Neurosurgery, 2016, 124, 1025-1031.	0.9	15
185	Is the chiasm-pituitary corridor size important for achieving gross-total resection during endonasal endoscopic resection of craniopharyngiomas?. Journal of Neurosurgery, 2018, 129, 642-647.	0.9	15
186	Cs-131 brachytherapy for patients with recurrent glioblastoma combined with bevacizumab avoids radiation necrosis while maintaining local control. Brachytherapy, 2020, 19, 705-712.	0.2	15
187	Timing of Adjuvant Fractionated Stereotactic Radiosurgery Affects Local Control of Resected Brain Metastases. Practical Radiation Oncology, 2021, 11, e267-e275.	1.1	15
188	A Role for Centers of Excellence in Transsphenoidal Surgery. World Neurosurgery, 2013, 80, 270-271.	0.7	14
189	Endoscopic Endonasal Transsphenoidal Treatment of Pituitary Apoplexy: Outcomes in a Series of 20 Patients. Cureus, 2015, 7, e357.	0.2	14
190	Required Reading: The Most Impactful Articles in Endoscopic Endonasal Skull Base Surgery. World Neurosurgery, 2016, 92, 499-512.e2.	0.7	14
191	Localizing Seizure Activity in the Brain Using Implantable Microâ€LEDs with Quantum Dot Downconversion. Advanced Materials Technologies, 2018, 3, 1700366.	3.0	14
192	Intra-operative MRI vs endoscopy in achieving gross total resection of pituitary adenomas: a systematic review. Acta Neurochirurgica, 2019, 161, 1683-1698.	0.9	14
193	Technological and Ideological Innovations in Endoscopic Skull Base Surgery. World Neurosurgery, 2019, 124, 513-521.	0.7	14
194	Quality of Life After Combined Endonasal Endoscopic Odontoidectomy and Posterior Suboccipital Decompression and Fusion. World Neurosurgery, 2018, 116, e571-e576.	0.7	13
195	Prognostic Implications of Gadolinium Enhancement of Skull Base Chordomas. American Journal of Neuroradiology, 2018, 39, 1509-1514.	1.2	13
196	Reirradiation of Recurrent Brain Metastases: Where Do We Stand?. World Neurosurgery, 2019, 125, 156-163.	0.7	13
197	Minimally Invasive Robotic Laser Corpus Callosotomy: A Proof of Concept. Cureus, 2017, 9, e1021.	0.2	13
198	Reduction in focal ictal activity following transplantation of MGE interneurons requires expression of the GABAA receptor ÃŽÂ±4 subunit. Frontiers in Cellular Neuroscience, 2015, 9, 127.	1.8	12

#	Article	IF	Citations
199	Radiation therapy rather than prior surgery reduces extent of resection during endonasal endoscopic reoperation for craniopharyngioma. Acta Neurochirurgica, 2018, 160, 1425-1431.	0.9	12
200	Eyebrow supraorbital keyhole craniotomy for olfactory groove meningiomas with endoscope assistance: case series and systematic review of extent of resection, quantification of postoperative frontal lobe injury, anosmia, and recurrence. Acta Neurochirurgica, 2021, 163, 101-112.	0.9	12
201	Localization in Epilepsy. Neurologic Clinics, 2009, 27, 1015-1030.	0.8	11
202	The Use of an Ultraportable Universal Serial Bus Endoscope for Education and Training in Neuroendoscopy. World Neurosurgery, 2013, 79, 337-340.	0.7	11
203	Optical triggered seizures using a caged 4-Aminopyridine. Frontiers in Neuroscience, 2015, 9, 25.	1.4	11
204	An overview of anti-epileptic therapy management of patients with malignant tumors of the brain undergoing radiation therapy. Seizure: the Journal of the British Epilepsy Association, 2019, 70, 30-37.	0.9	11
205	Endoscopic approach to the infratemporal fossa. Operative Techniques in Otolaryngology - Head and Neck Surgery, 2011, 22, 285-290.	0.1	10
206	Endoscopic transsphenoidal pituitary surgery. Operative Techniques in Otolaryngology - Head and Neck Surgery, 2011, 22, 206-214.	0.1	10
207	Factors influencing outcome in patients with colloid cysts who present with acute neurological deterioration. Journal of Clinical Neuroscience, 2018, 54, 88-95.	0.8	10
208	Burst suppression uncovers rapid widespread alterations in network excitability caused by an acute seizure focus. Brain, 2019, 142, 3045-3058.	3.7	10
209	Endoscopic Transorbital Surgery: Another Leap of Faith?. World Neurosurgery, 2022, 159, 54-55.	0.7	10
210	Intrinsic optical signal imaging of normal and abnormal physiology in animals and humans--seeing the invisible. Clinical Neurosurgery, 2005, 52, 135-49.	0.2	10
211	Seizures initiate in zones of relative hyperexcitation in a zebrafish epilepsy model. Brain, 2022, 145, 2347-2360.	3.7	10
212	Evaluating diagnostic accuracy and determining optimal diagnostic thresholds of different approaches to [68Ga]-DOTATATE PET/MRI analysis in patients with meningioma. Scientific Reports, 2022, 12, .	1.6	10
213	Seizure epicenter depth and translaminar field potential synchrony underlie complex variations in tissue oxygenation during ictal initiation. NeuroImage, 2018, 171, 165-175.	2.1	9
214	Physiological and Pathological Brain Activation in the Anesthetized Rat Produces Hemodynamic-Dependent Cortical Temperature Increases That Can Confound the BOLD fMRI Signal. Frontiers in Neuroscience, 2018, 12, 550.	1.4	9
215	Isoflurane-Induced Burst Suppression Is a Thalamus-Modulated, Focal-Onset Rhythm With Persistent Local Asynchrony and Variable Propagation Patterns in Rats. Frontiers in Systems Neuroscience, 2020, 14, 599781.	1.2	9
216	Incidence and risk factors associated with reoperation for sellar hematoma following endoscopic transsphenoidal pituitary surgery. Journal of Neurosurgery, 2020, 133, 702-708.	0.9	9

#	Article	IF	Citations
217	LED-Based Optical Device for Chronic In Vivo Cerebral Blood Volume Measurement. IEEE Transactions on Electron Devices, 2010, 57, 174-177.	1.6	8
218	Endoscopic management of anterior cranial fossa meningiomas. Operative Techniques in Otolaryngology - Head and Neck Surgery, 2011, 22, 254-262.	0.1	8
219	Endonasal endoscopic versus transoral microscopic odontoid resection. Innovative Neurosurgery, 2013, 1, 37-47.	0.1	8
220	Editorial: Intraoperative magnetic resonance imaging and pituitary surgery. Journal of Neurosurgery, 2014, 120, 342-345.	0.9	8
221	How to Achieve the Best Possible Outcomes in the Management of Retroinfundibular Craniopharyngiomas?. World Neurosurgery, 2014, 82, 614-616.	0.7	8
222	Endoscopic endonasal approach to the lateral orbital apex: case report. Journal of Neurosurgery: Pediatrics, 2015, 16, 305-308.	0.8	8
223	Predictors and incidence of orthostatic headache associated with lumbar drain placement following endoscopic endonasal skull base surgery. Acta Neurochirurgica, 2017, 159, 1379-1385.	0.9	8
224	Endoscopic endonasal resection of epidermoid cysts involving the ventral cranial base. Journal of Neurosurgery, 2019, 130, 1599-1608.	0.9	8
225	Innovations in the Neurosurgical Management of Epilepsy. World Neurosurgery, 2020, 139, 775-788.	0.7	8
226	Treatment strategies for craniopharyngiomas. Journal of Neurosurgical Sciences, 2018, 63, 83-87.	0.3	8
227	An Eyebrow for an Eyebrow and a Nose for a Nose. World Neurosurgery, 2014, 82, e97-e99.	0.7	7
228	Transtubular excisional biopsy as a rescue for a non-diagnostic stereotactic needle biopsyâ€”case report and literature review. Acta Neurochirurgica, 2017, 159, 1589-1595.	0.9	7
229	Prognosis Factor in Oculomotor Schwannoma: A Case of Endoscopic Endonasal Approach and Systematic Review of the Literature. World Neurosurgery, 2019, 129, 72-80.	0.7	7
230	The Prognostic Value of MRI Subventricular Zone Involvement and Tumor Genetics in Lower Grade Gliomas. Journal of Neuroimaging, 2020, 30, 901-909.	1.0	7
231	Endoscopic endonasal approach for craniopharyngiomas. Journal of Neurosurgical Sciences, 2021, 65, 133-139.	0.3	7
232	Development and validation of a patient face-mounted, negative-pressure antechamber for reducing exposure of healthcare workers to aerosolized particles during endonasal surgery. Journal of Neurosurgery, 2021, , 1-8.	0.9	7
233	Erratum. The Simpson grade: abandon the scale but preserve the message. Journal of Neurosurgery, 2021, , 1.	0.9	7
234	Pediatric pituitary adenomas are more aggressive, more likely to be hormone producing and are more difficult to cure than adult pituitary adenomas: case series and systematic literature review. Child's Nervous System, 2022, 38, 729-738.	0.6	7

#	Article	IF	Citations
235	Endoscopic approaches to the cavernous sinus. Operative Techniques in Otolaryngology - Head and Neck Surgery, 2011, 22, 263-268.	0.1	6
236	Readmission Following Surgical Resection for Intractable Epilepsy: Nationwide Rates, Causes, Predictors, and Outcomes. Operative Neurosurgery, 2019, 16, 374-382.	0.4	6
237	Genomic profile of a primary squamous cell carcinoma arising from malignant transformation of a pineal epidermoid cyst. Acta Neurochirurgica, 2019, 161, 1829-1834.	0.9	6
238	The World of Neurosurgery Reimagined Post COVID-19: Crisis â† Opportunities. World Neurosurgery, 2021, 148, 251-255.	0.7	6
239	Prevalence and Outcome of Anterior and Middle Cranial Fossae Encephaloceles without Cerebrospinal Fluid Leak or Meningitis. World Neurosurgery, 2021, 149, e828-e835.	0.7	6
240	Simultaneous Multi-Wavelength Optical Imaging of Neuronal and Hemodynamic Activity. Neuromethods, 2014, , 237-249.	0.2	6
241	Preservation of Pituitary Function after Endonasal Craniopharyngioma Surgery: Case Report and Review of the Literature. Cureus, 2015, 7, e305.	0.2	6
242	Long-term tumor control after endoscopic endonasal resection of craniopharyngiomas: comparison of gross-total resection versus subtotal resection with radiation therapy. Journal of Neurosurgery, 2022, 136, 1347-1355.	0.9	6
243	Dosimetric differences between cesium-131 and iodine-125 brachytherapy for the treatment of resected brain metastases. Journal of Contemporary Brachytherapy, 2020, 12, 311-316.	0.4	6
244	The critical importance of a vascularized flap in preventing recurrence after endoscopic repair of spontaneous cerebrospinal fluid leaks and meningoencephaloceles. Journal of Neurosurgery, 2022, 137, 79-86.	0.9	6
245	The Evolution of 5-Aminolevulinic Acid Fluorescence Visualization: Time for a Headlamp/Loupe Combination. World Neurosurgery, 2022, 159, 136-143.	0.7	6
246	Dynamic ⁶⁸Ga-DOTATATE PET/MRI in the Diagnosis and Management of Intracranial Meningiomas. Radiology Imaging Cancer, 2022, 4, e210067.	0.7	6
247	Surgical strategies in the treatment of MR-negative Cushingâ€™s Disease: a systematic review and treatment algorithm. Pituitary, 2022, 25, 551-562.	1.6	6
248	Endoscopic management of craniopharyngiomas. Operative Techniques in Otolaryngology - Head and Neck Surgery, 2011, 22, 215-222.	0.1	5
249	Letter to the Editor: Endoscopic endonasal posterior clinoidectomy. Journal of Neurosurgery, 2015, 122, 478-479.	0.9	5
250	Editorial: Does chiasmatic blood supply dictate endonasal corridors?. Journal of Neurosurgery, 2015, 122, 1163-1165.	0.9	5
251	Nonrandom spatial clustering of spontaneous anterior fossa cerebrospinal fluid fistulas and predilection for the posterior cribriform plate. Journal of Neurosurgery, 2017, 126, 1720-1724.	0.9	5
252	Foundations of the Diagnosis and Surgical Treatment of Epilepsy. World Neurosurgery, 2020, 139, 750-761.	0.7	5

#	Article	IF	Citations
253	Outcomes following upfront radiation versus monitoring in atypical meningiomas: 16-year experience at a tertiary medical center. Neuro-Oncology Advances, 2021, 3, vdab094.	0.4	5
254	Feasibility of endoscopic endonasal approach for clip application of cerebral aneurysms: a systematic review. Journal of Neurosurgical Sciences, 2018, 62, 650-657.	0.3	5
255	Transorbital Endoscopic Eyelid Approach for Resection of Spheno-Orbital Meningioma: 2-Dimensional Operative Video. Operative Neurosurgery, 2022, 22, e224-e224.	0.4	5
256	Multilayered macular hemorrhages as an unusual complication of transorbital neuroendoscopic surgery. American Journal of Ophthalmology Case Reports, 2022, 26, 101556.	0.4	5
257	Endoscopic Transsphenoidal, Transclival Resection of an Enterogenous Cyst Located Ventral to the Brainstem: Case Report. Operative Neurosurgery, 2010, 67, onsE522-onsE526.	0.4	4
258	Endoscopic-Assisted 5-Aminolevulinic Acid Imaging. World Neurosurgery, 2014, 82, e117-e118.	0.7	4
259	Lumbar Puncture for the Injection of Intrathecal Fluorescein: Should It Be Avoided in a Subset of Patients Undergoing Endoscopic Endonasal Resection of Sellar and Parasellar Lesions?. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, 554-558.	0.4	4
260	Increased frequency of cataract surgery in patients over age 50 with pituitary macroadenomas and chiasmal compression. Pituitary, 2019, 22, 405-410.	1.6	4
261	The Evolution of Endoscopic Skull Base Surgery Outcomes: Defining the Edge of the Envelope. World Neurosurgery, 2019, 124, 491-501.	0.7	4
262	Endonasal Endoscopic Fenestration of Rathke's Cleft Cysts: Whether to Leave the Fenestration Open or Closed?. Journal of Neurological Surgery, Part B: Skull Base, 2019, 82, e101-e104.	0.4	4
263	Anterior communicating artery division in the endoscopic endonasal translamina terminalis approach to the third ventricle: an anatomical feasibility study. Acta Neurochirurgica, 2019, 161, 811-820.	0.9	4
264	Adherus Dural Sealant in Endoscopic Skull Base Surgery: Safety, Imaging Characteristics, and Sinonasal Quality of Life. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, 659-663.	0.4	4
265	Challenges of Epilepsy Surgery. World Neurosurgery, 2020, 139, 762-774.	0.7	4
266	Endoscopic technology and repair techniques. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 170, 217-225.	1.0	4
267	Brachytherapy for meningiomas. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 170, 303-307.	1.0	4
268	A Novel Negative Pressure, Face-Mounted Antechamber to Minimize Aerosolization of Particles During Endoscopic Skull Base Surgery. Operative Neurosurgery, 2021, 21, 131-136.	0.4	4
269	Mesoscopic Mapping of Ictal Neurovascular Coupling in Awake Behaving Mice Using Optical Spectroscopy and Genetically Encoded Calcium Indicators. Frontiers in Neuroscience, 2021, 15, 704834.	1.4	4
270	Endoscopic Transnasal versus Transoral Approaches to the Craniovertebral Junction. World Neurosurgery, 2010, 74, 568-569.	0.7	3

#	Article	IF	Citations
271	Endoscopic management of juvenile nasopharyngeal angiofibromas. Operative Techniques in Otolaryngology - Head and Neck Surgery, 2011, 22, 281-284.	0.1	3
272	Endoscopic management of cerebrospinal fluid rhinorrhea. Operative Techniques in Otolaryngology - Head and Neck Surgery, 2011, 22, 229-231.	0.1	3
273	An ultra thin implantable system for cerebral blood volume monitoring using flexible OLED and OPD. , 2015, , .		3
274	Draf III Extension in the Endoscopic Endonasal Transethmoidal, Transcribriform Approach Through the Back Wall of the Frontal Sinus: A Cadaveric Study. World Neurosurgery, 2016, 85, 136-142.	0.7	3
275	Endoscopic Endonasal Transclival Resection of a Pontine Metastasis: Case Report and Operative Video. Operative Neurosurgery, 2020, 19, E75-E81.	0.4	3
276	Multiport Minimally Invasive Skull Base Surgery: How Many Ports Are Too Many?. World Neurosurgery, 2010, 73, 632-633.	0.7	2
277	Reducing the Incidence of Hydrocephalus in Intraventricular Hemorrhage. World Neurosurgery, 2011, 75, 209-210.	0.7	2
278	The Utility of 3D Computer-Based Models in Endoscopic Skull Base Surgery. World Neurosurgery, 2011, 75, 39-40.	0.7	2
279	Introduction: Endoscopic endonasal skull base surgery. Neurosurgical Focus, 2014, 37, Introduction.	1.0	2
280	The Endoscope and the Giant Macroadenoma: A Match Made in Heaven. World Neurosurgery, 2014, 82, e119-e120.	0.7	2
281	Endonasal surgery for suprasellar germ cell tumors: two cases and review of the literature. Acta Neurochirurgica, 2019, 161, 1699-1704.	0.9	2
282	Spontaneous regression of a clival chordoma. Case report. Acta Neurochirurgica, 2020, 162, 433-436.	0.9	2
283	Letter to the Editor. Time to move beyond the Simpson scale in meningioma surgery. Journal of Neurosurgery, 2021, , 1-2.	0.9	2
284	Lumbar Drains Decrease the Risk of Post-Operative Cerebrospinal Fluid (CSF) Leak Following Extended Endonasal Endoscopic Surgery for Suprasellar Meningiomas in Patients with High BMI. Journal of Neurological Surgery, Part B: Skull Base, 2016, 77, .	0.4	2
285	Volumetric Classification for Giant Pituitary Macroadenomas Predicts Outcome and Morbidity of Endoscopic Endonasal Transsphenoidal Surgery. Skull Base, 2011, 21, .	0.4	2
286	Visual outcome after pituitary adenoma surgery. Neurology India, 2016, 64, 1254.	0.2	2
287	Qualitative head-to-head comparison of headlamp and microscope for visualizing 5-ALA fluorescence during resection of glioblastoma. Neurosurgical Focus Video, 2022, 6, V7.	0.1	2
288	Combined use of vancomycin powder and betadine irrigation lowers the incidence of postcraniotomy wound infection in low-risk cases: a single-center risk-stratified cohort analysis. Acta Neurochirurgica, 2022, , 1.	0.9	2

#	Article	IF	Citations
289	Massive Spontaneous Acute-on-Chronic Subdural Hematoma Following Coumadin Administration. JBJS Case Connector, 2011, 1, e12.	0.1	1
290	Can We Ever Separate the Tool and the Fool?. World Neurosurgery, 2012, 77, 459-460.	0.7	1
291	The High Road or the Low Road. World Neurosurgery, 2014, 81, 281-282.	0.7	1
292	Hypofractionated radiotherapy with concurrent temozolomide chemotherapy in patients with newly diagnosed RPA class V glioblastoma multiforme: promising early results. Journal of Radiation Oncology, 2015, 4, 19-27.	0.7	1
293	Diffusion of Neuroendoscopy: Guided by the Light. World Neurosurgery, 2015, 83, 752-753.	0.7	1
294	The Shifting Economic Demands in Health Care: What Is a Pituitary Surgeon to Do?. World Neurosurgery, 2015, 83, 27-28.	0.7	1
295	The Challenge of Skull Base Closure: Methods for Reducing Postoperative Cerebrospinal Fluid Leak. World Neurosurgery, 2019, 124, 502-512.	0.7	1
296	Response to: Letter to the Editor regarding: â€œSpontaneous regression of a clival chordoma. Case reportâ€• Acta Neurochirurgica, 2020, 162, 441-441.	0.9	1
297	Limited Utility of 5-ALA Optical Fluorescence in Endoscopic Endonasal Skull Base Surgery: A Multicenter Retrospective Study. , 2021, 82, .		1
298	Multi-Spectral Imaging of Blood Volume, Metabolism, Oximetry, and Light Scattering. Neuromethods, 2014, , 201-219.	0.2	1
299	Is The Chiasm - pituitary Corridor Important for Achieving Gross Total Resection in Craniopharyngiomas?. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.4	1
300	Impact of Medicaid Insurance on Outcomes following Endoscopic Transsphenoidal Pituitary Surgery. , 2020, 81, .		1
301	Endoscopic and Minimally Invasive Meningioma Surgery. , 2020, , 97-108.		1
302	Endoscopic endonasal resection of giant pediatric craniopharyngioma: impact on hypothalamic edema. Neurosurgical Focus Video, 2020, 2, V6.	0.1	1
303	Brachytherapy for central nervous system tumors. Journal of Neuro-Oncology, 2022, 158, 393-403.	1.4	1
304	Endoscopic Transnasal Transsphenoidal Approaches to the Cavernous Sinus: An Anatomical Dissection Study and Report on Patients. Laryngoscope, 2010, 120, S123-S123.	1.1	0
305	Endoscopic Assisted Approaches to the Craniovertebral Junction: Lateral versus Ventral. World Neurosurgery, 2010, 74, 265-267.	0.7	0
306	A mathematical model relating cortical oxygenated and deoxygenated hemoglobin flows and volumes to neural activity. Journal of Neural Engineering, 2015, 12, 046013.	1.8	0

#	Article	IF	Citations
307	Controversies. , 2015, , 567-579.		0
308	Landmarks to Identify Petrous Apex Through Endonasal Approach Without Transgression of Sinus. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, 156-160.	0.4	0
309	Editorial: Quality of life after anterior skull base surgery. Acta Neurochirurgica, 2019, 161, 2539-2540.	0.9	0
310	Beals syndrome with middle and inner ear dysplasia and encephalocele: A case report and review of imaging findings. International Journal of Pediatric Otorhinolaryngology, 2019, 117, 26-29.	0.4	0
311	Commentary: Near-Infrared Optical Contrast of Skull Base Tumors During Endoscopic Endonasal Surgery. Operative Neurosurgery, 2019, 17, E5-E6.	0.4	0
312	Endoscopic Orbital Surgery: The Neurosurgeonâ€™s Perspective. , 2021, , 10-16.		0
313	International Tuberculum Sellae Meningioma Study: Preoperative Grading Scale to Predict Outcomes and Inform Approach Selection. , 2021, 82, .		0
314	Eyebrow Supraorbital Keyhole Craniotomy for Olfactory Groove Meningiomas with Endoscope Assistance: Case Series and Systematic Review of Extent of Resection, Quantification of Postoperative Frontal Lobe Injury, Anosmia, and Recurrence. , 2021, 82, .		0
315	Intraoperative Use and Validation of a Novel Negative Pressure, Face-Mounted Antechamber to Minimize Aerosolization of Particles during Endoscopic Skull Base Surgery. , 2021, 82, .		0
316	NEIM-05. [GA68]DOTATATE PET/MRI-BASED RADIOSURGICAL RESPONSE ASESSMENT IN MENINGIOMA. Neuro-Oncology Advances, 2021, 3, iv7-iv7.	0.4	0
317	Evaluation of Pure Endoscopic Endonasal Approach in Management of Giant Pituitary Adenoma. QJM - Monthly Journal of the Association of Physicians, 2021, 114, .	0.2	0
318	Combined Endonasal Transethmoidal, Transcribriform, and Endoscope-Assisted Supraorbital Craniotomy. , 2021, , 1-8.		0
319	Pituitary Macroadenomas. , 2008, , 575-579.		0
320	Intraoperative Optical Imaging of Human Cortex. , 2009, , 135-157.		0
321	Skull Base Chordomas: Endonasal Endoscopic Transclival Approach. , 2012, , 185-194.		0
322	Endoscopic Endonasal Repair of CSF Leak. , 2014, , 205-211.		0
323	Rhinological Complications: Avoidance and Management. , 2017, , 345-358.		0
324	Endoscopic Transsphenoidal Pituitary Surgery: Results and Complications. , 2017, , 245-258.		0

#	Article	IF	Citations
325	Endoscopic Endo-Nasal Odontoid Resection with Real-Time Intraoperative Image Guided Computed Tomography (CT). Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.4	0
326	Endoscopic Skull Base Surgeons. Profile of a New Subspecialty. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.4	0
327	Reoperation for Growth-Hormone Secreting Pituitary Adenomas: Endonasal Endoscopic Series and Systematic Review of the Literature. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.4	0
328	Suprasellar and Recurrent Pediatric Craniopharyngiomas: Expanding Indications for the Extended Endoscopic Transsphenoidal Approach. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
329	Skull Base 3D Modeling and Rapid Prototyping of Rigid Buttress for Gasket-Seal Closure Using Operative Endoscopic Imaging: Cadaveric Feasibility. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
330	Outcomes following Expanded Endonasal Resection of Epidermoid Tumors Involving the Cranial Base: Case Series of Seven Patients. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
331	Endoscopic Endonasal Odontoidectomy in Pediatric Patients with Complex Cervicomedullary Junction Anomalies. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
332	Double Pituitary Adenomas Are Most Commonly Associated with GH- and ACTH-Secreting Tumors: Systematic Review of the Literature. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
333	5 Suprasellar Pathology. , 2019, , 61-69.		0
334	MON-LB45 Posterior Hypothalamic Involvement on Pre-Operative Magnetic Resonance Imaging as a Predictor for Hypothalamic Obesity in Craniopharyngiomas. Journal of the Endocrine Society, 2020, 4, .	0.1	0
335	1,000 Consecutive Endonasal Endoscopic Skull Base Cases: How Long is the Learning Curve?. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.4	0
336	In Vivo Intrinsic Optical Signal Imaging of Neocortical Epilepsy. , 2005, , 149-175.		0
337	Intraoperative Magnetic Resonance Imaging in the Surgical Treatment of Epilepsy. , 2005, , 177-192.		0
338	NIMG-15. EVALUATING FLUCTUATING ENHANCEMENT IN OLIGODENDROGLIOMAS ON MAGNETIC RESONANCE IMAGING. Neuro-Oncology, 2020, 22, ii150-ii150.	0.6	0
339	Endonasal Transsphenoidal Surgery for Planum Sphenoidale versus Tuberculum Sella Meningiomas. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, .	0.4	0