

Theodore H Schwartz

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324
papers

9,416
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83
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343
ext. papers

11,056
ext. citations

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avg. IF

6.42
L-index

#	Paper	IF	Citations
324	Endoscopic, endonasal extended transsphenoidal, transplanum transtuberculum approach for resection of suprasellar lesions. <i>Journal of Neurosurgery</i> , 2007 , 106, 400-6	3.2	268
323	Endoscopic pituitary surgery: a systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2009 , 111, 545-54	3.2	263
322	Endoscopic cranial base surgery: classification of operative approaches. <i>Neurosurgery</i> , 2008 , 62, 991-1002; discussion 1002-5	3.2	242
321	Endoscopic endonasal compared with microscopic transsphenoidal and open transcranial resection of craniopharyngiomas. <i>World Neurosurgery</i> , 2012 , 77, 329-41	2.1	170
320	Gasket seal closure for extended endonasal endoscopic skull base surgery: efficacy in a large case series. <i>World Neurosurgery</i> , 2013 , 80, 563-8	2.1	163
319	Endoscopic endonasal transclival resection of chordomas: operative technique, clinical outcome, and review of the literature. <i>Journal of Neurosurgery</i> , 2010 , 112, 1061-9	3.2	163
318	Endoscopic endonasal versus open transcranial resection of anterior midline skull base meningiomas. <i>World Neurosurgery</i> , 2012 , 77, 713-24	2.1	158
317	Endoscopic endonasal compared with microscopic transsphenoidal and open transcranial resection of giant pituitary adenomas. <i>Pituitary</i> , 2012 , 15, 150-9	4.3	151
316	In vivo optical mapping of epileptic foci and surround inhibition in ferret cerebral cortex. <i>Nature Medicine</i> , 2001 , 7, 1063-7	50.5	145
315	Endoscopic, endonasal resection of craniopharyngiomas: analysis of outcome including extent of resection, cerebrospinal fluid leak, return to preoperative productivity, and body mass index. <i>Neurosurgery</i> , 2012 , 70, 110-23; discussion 123-4	3.2	144
314	The endoscopic, endonasal, transmaxillary transpterygoid approach to the pterygopalatine fossa, infratemporal fossa, petrous apex, and the Meckel cave. <i>Journal of Neurosurgery</i> , 2010 , 113, 967-74	3.2	128
313	"Gasket-seal" watertight closure in minimal-access endoscopic cranial base surgery. <i>Operative Neurosurgery</i> , 2008 , 62, ONSE342-3; discussion ONSE343	1.6	127
312	Perimesencephalic Nonaneurysmal Subarachnoid Hemorrhage: Review of the Literature. <i>Neurosurgery</i> , 1996 , 39, 433-440	3.2	127
311	Intramedullary ependymomas: clinical presentation, surgical treatment strategies and prognosis. <i>Journal of Neuro-Oncology</i> , 2000 , 47, 211-8	4.8	123
310	Janus flap: bilateral nasoseptal flaps for anterior skull base reconstruction. <i>Otolaryngology - Head and Neck Surgery</i> , 2010 , 142, 327-31	5.5	112
309	Focal increases in perfusion and decreases in hemoglobin oxygenation precede seizure onset in spontaneous human epilepsy. <i>Epilepsia</i> , 2007 , 48, 2059-67	6.4	108
308	Intrinsic optical signal imaging of neocortical seizures: the 'epileptic dip'. <i>NeuroReport</i> , 2006 , 17, 499-503	1.7	108

307	Endoscopic endonasal transtethmoidal transcribriform transfovea ethmoidalis approach to the anterior cranial fossa and skull base. <i>Neurosurgery</i> , 2010 , 66, 883-92; discussion 892	3.2	105
306	Algorithm for reconstruction after endoscopic pituitary and skull base surgery. <i>Laryngoscope</i> , 2007 , 117, 1133-7	3.6	99
305	Endoscopic endonasal repair of anterior skull base non-traumatic cerebrospinal fluid leaks, meningoceles, and encephaloceles. <i>Journal of Neurosurgery</i> , 2010 , 113, 961-6	3.2	93
304	Endoscopic endonasal transsphenoidal surgery for functional pituitary adenomas. <i>Neurosurgical Focus</i> , 2011 , 30, E10	4.2	93
303	Endoscopic endonasal versus transcranial approach to tuberculum sellae and planum sphenoidale meningiomas in a similar cohort of patients. <i>Journal of Neurosurgery</i> , 2018 , 128, 40-48	3.2	87
302	Preictal and ictal neurovascular and metabolic coupling surrounding a seizure focus. <i>Journal of Neuroscience</i> , 2011 , 31, 13292-300	6.6	87
301	The endoscope-assisted ventral approach compared with open microscope-assisted surgery for clival chordomas. <i>World Neurosurgery</i> , 2011 , 76, 318-27; discussion 259-62	2.1	83
300	Endoscopic endonasal versus open repair of anterior skull base CSF leak, meningocele, and encephalocele: a systematic review of outcomes. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2013 , 74, 239-50	1.1	82
299	Role of perioperative antibiotics in endoscopic skull base surgery. <i>Laryngoscope</i> , 2007 , 117, 1528-32	3.6	82
298	Long-term effectiveness of a reconstructive protocol using the nasoseptal flap after endoscopic skull base surgery. <i>World Neurosurgery</i> , 2014 , 81, 136-43	2.1	80
297	Volumetric classification of pituitary macroadenomas predicts outcome and morbidity following endoscopic endonasal transsphenoidal surgery. <i>Pituitary</i> , 2012 , 15, 450-63	4.3	80
296	Intrathecal fluorescein in endoscopic skull base surgery. <i>Otolaryngology - Head and Neck Surgery</i> , 2007 , 137, 316-20	5.5	79
295	Endoscopic management of spontaneous meningoencephalocele of the lateral sphenoid sinus. <i>Journal of Neurosurgery</i> , 2010 , 112, 1070-7	3.2	78
294	Spatiotemporal dynamics of perfusion and oximetry during ictal discharges in the rat neocortex. <i>Journal of Neuroscience</i> , 2009 , 29, 2814-23	6.6	78
293	MON-LB45 Posterior Hypothalamic Involvement on Pre-Operative Magnetic Resonance Imaging as a Predictor for Hypothalamic Obesity in Craniopharyngiomas. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	78
292	Endoscope-assisted endonasal versus supraorbital keyhole resection of olfactory groove meningiomas: comparison and combination of 2 minimally invasive approaches. <i>Journal of Neurosurgery</i> , 2016 , 124, 605-20	3.2	77
291	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. Case report. <i>Journal of Neurosurgery: Spine</i> , 2008 , 8, 376-80	2.8	76
290	Case-specific protocol to reduce cerebrospinal fluid leakage after endonasal endoscopic surgery. <i>Journal of Neurosurgery</i> , 2013 , 119, 661-8	3.2	75

289	The endoscopic endonasal approach to the odontoid and its impact on early extubation and feeding. <i>Journal of Neurosurgery</i> , 2015 , 122, 511-8	3.2	74
288	Microscopic versus endoscopic transnasal pituitary surgery. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2010 , 18, 8-14	2	73
287	Resection of pituitary tumors: endoscopic versus microscopic. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 309-317	4.8	73
286	Cavernous Sinus Invasion in Pituitary Adenomas: Systematic Review and Pooled Data Meta-Analysis of Radiologic Criteria and Comparison of Endoscopic and Microscopic Surgery. <i>World Neurosurgery</i> , 2016 , 96, 36-46	2.1	73
285	Endoscopic endonasal transsphenoidal surgery for growth hormone-secreting pituitary adenomas. <i>Neurosurgical Focus</i> , 2010 , 29, E6	4.2	72
284	Improvements in site-specific quality of life 6 months after endoscopic anterior skull base surgery: a prospective study. <i>Journal of Neurosurgery</i> , 2012 , 117, 498-506	3.2	72
283	Neurovascular coupling and epilepsy: hemodynamic markers for localizing and predicting seizure onset. <i>Epilepsy Currents</i> , 2007 , 7, 91-4	1.3	72
282	Safety of low-dose intrathecal fluorescein in endoscopic cranial base surgery. <i>Operative Neurosurgery</i> , 2007 , 61, 161-5; discussion 165-6	1.6	70
281	Three-dimensional endoscopic sinus surgery: feasibility and technical aspects. <i>Otolaryngology - Head and Neck Surgery</i> , 2008 , 138, 400-2	5.5	66
280	Endonasal endoscopic resection of an os odontoideum to decompress the cervicomedullary junction: a minimal access surgical technique. <i>Spine</i> , 2009 , 34, E139-43	3.3	65
279	Late seizures in patients initially seizure free after epilepsy surgery. <i>Epilepsia</i> , 2006 , 47, 567-73	6.4	65
278	Neuro-oscillatory phase alignment drives speeded multisensory response times: an electro-corticographic investigation. <i>Journal of Neuroscience</i> , 2015 , 35, 8546-57	6.6	64
277	Blood volume and hemoglobin oxygenation response following electrical stimulation of human cortex. <i>NeuroImage</i> , 2006 , 31, 66-75	7.9	64
276	Endoscopic skull base surgery: a comprehensive comparison with open transcranial approaches. <i>British Journal of Neurosurgery</i> , 2012 , 26, 637-48	1	62
275	Endoscopic skull base surgery and its impact on sinonasal-related quality of life. <i>International Forum of Allergy and Rhinology</i> , 2012 , 2, 174-81	6.3	62
274	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. <i>Cerebral Cortex</i> , 2013 , 23, 885-99	5.1	62
273	Sensitivity and specificity of intrathecal fluorescein and white light excitation for detecting intraoperative cerebrospinal fluid leak in endoscopic skull base surgery: a prospective study. <i>Journal of Neurosurgery</i> , 2016 , 124, 621-6	3.2	60
272	Endoscopic endonasal compared with anterior craniofacial and combined cranionasal resection of esthesioneuroblastomas. <i>World Neurosurgery</i> , 2013 , 80, 148-59	2.1	60

271	Three-dimensional and 2-dimensional endoscopic exposure of midline cranial base targets using expanded endonasal and transcranial approaches. <i>Neurosurgery</i> , 2009 , 65, 1116-28; discussion 1128-30	3.2	60
270	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. <i>Journal of Neurosurgery</i> , 2016 , 124, 1053-60	3.2	60
269	Endoscopic endonasal versus open transcranial resection of craniopharyngiomas: a case-matched single-institution analysis. <i>Neurosurgical Focus</i> , 2016 , 41, E7	4.2	59
268	The transplanum transtuberculum approaches for suprasellar and sellar-suprasellar lesions: avoidance of cerebrospinal fluid leak and lessons learned. <i>World Neurosurgery</i> , 2014 , 82, 186-95	2.1	58
267	Energy deficit in parvalbumin neurons leads to circuit dysfunction, impaired sensory gating and social disability. <i>Neurobiology of Disease</i> , 2016 , 93, 35-46	7.5	58
266	Tumor Microenvironment Is Critical for the Maintenance of Cellular States Found in Primary Glioblastomas. <i>Cancer Discovery</i> , 2020 , 10, 964-979	24.4	57
265	Intraoperative ElectroCorticoGraphy (ECog): indications, techniques, and utility in epilepsy surgery. <i>Epileptic Disorders</i> , 2014 , 16, 271-9	1.9	55
264	Incidence and significance of intraoperative cerebrospinal fluid leak in endoscopic pituitary surgery using intrathecal fluorescein. <i>World Neurosurgery</i> , 2014 , 82, e513-23	2.1	54
263	Phase I/II study of resection and intraoperative cesium-131 radioisotope brachytherapy in patients with newly diagnosed brain metastases. <i>Journal of Neurosurgery</i> , 2014 , 121, 338-48	3.2	54
262	Lessons learned in the evolution of endoscopic skull base surgery. <i>Journal of Neurosurgery</i> , 2019 , 130, 337-346	3.2	53
261	Temporal dependence in uncoupling of blood volume and oxygenation during interictal epileptiform events in rat neocortex. <i>Journal of Neuroscience</i> , 2005 , 25, 68-77	6.6	51
260	Surgical outcomes using a medial-to-lateral endonasal endoscopic approach to pituitary adenomas invading the cavernous sinus. <i>Journal of Neurosurgery</i> , 2014 , 120, 1086-94	3.2	50
259	Endoscopic transsphenoidal pituitary surgery with intraoperative magnetic resonance imaging. <i>Operative Neurosurgery</i> , 2006 , 58, ONS44-51; discussion ONS44-51	1.6	50
258	Neurovascular coupling and oximetry during epileptic events. <i>Molecular Neurobiology</i> , 2006 , 33, 181-97	6.2	50
257	Perimesencephalic nonaneurysmal subarachnoid hemorrhage: review of the literature. <i>Neurosurgery</i> , 1996 , 39, 433-40; discussion 440	3.2	49
256	Endoscopic endonasal resection of suprasellar meningiomas: the importance of case selection and experience in determining extent of resection, visual improvement, and complications. <i>World Neurosurgery</i> , 2014 , 82, 442-9	2.1	48
255	Suprasellar and recurrent pediatric craniopharyngiomas: expanding indications for the extended endoscopic transsphenoidal approach. <i>Journal of Neurosurgery: Pediatrics</i> , 2018 , 21, 72-80	2.1	48
254	Endoscopic Endonasal Versus Microscopic Transsphenoidal Surgery for Recurrent and/or Residual Pituitary Adenomas. <i>World Neurosurgery</i> , 2017 , 101, 186-195	2.1	46

253	Preservation of multidimensional quality of life after endoscopic pituitary adenoma resection. <i>Journal of Neurosurgery</i> , 2015 , 123, 813-20	3.2	46
252	Intraoperative optical imaging of human face cortical topography: a case study. <i>NeuroReport</i> , 2004 , 15, 1527-31	1.7	46
251	Endoscopic extended transsphenoidal resection of craniopharyngiomas: nuances of neurosurgical technique. <i>Neurosurgical Focus</i> , 2014 , 37, E10	4.2	44
250	Role of inhibitory control in modulating focal seizure spread. <i>Brain</i> , 2018 , 141, 2083-2097	11.2	43
249	Pneumocephalus patterns following endonasal endoscopic skull base surgery as predictors of postoperative CSF leaks. <i>Journal of Neurosurgery</i> , 2014 , 121, 961-75	3.2	43
248	A prospective study of postoperative symptoms in sinonasal quality-of-life following endoscopic skull-base surgery: dissociations based on specific symptoms. <i>International Forum of Allergy and Rhinology</i> , 2013 , 3, 664-9	6.3	43
247	Endonasal endoscopic reoperation for residual or recurrent craniopharyngiomas. <i>Journal of Neurosurgery</i> , 2017 , 126, 418-430	3.2	42
246	Long-term quality of life after endonasal endoscopic resection of adult craniopharyngiomas. <i>Journal of Neurosurgery</i> , 2015 , 123, 571-80	3.2	41
245	Transorbital endoscopic eyelid approach for resection of sphenoorbital meningiomas with predominant hyperostosis: report of 2 cases. <i>Journal of Neurosurgery</i> , 2018 , 128, 1885-1895	3.2	41
244	ICAR: endoscopic skull-base surgery. <i>International Forum of Allergy and Rhinology</i> , 2019 , 9, S145-S365	6.3	41
243	The endoscopic endonasal transsphenoidal approach to the suprasellar cistern. <i>Clinical Neurosurgery</i> , 2007 , 54, 226-35		41
242	Transnasal endoscopic resection of a cavernous sinus hemangioma: technical note and review of the literature. <i>Skull Base</i> , 2008 , 18, 309-15		40
241	Surgical approaches to the orbital apex: comparison of endoscopic endonasal and transcranial approaches using a novel 3D endoscope. <i>Orbit</i> , 2011 , 30, 43-8	1.5	39
240	The combined transpetrosal approach: Anatomic study and literature review. <i>Journal of Clinical Neuroscience</i> , 2017 , 41, 36-40	2.2	38
239	Impact of skull base development on endonasal endoscopic surgical corridors. <i>Journal of Neurosurgery: Pediatrics</i> , 2014 , 13, 155-69	2.1	38
238	Clinical Outcomes of Large Brain Metastases Treated With Neurosurgical Resection and Intraoperative Cesium-131 Brachytherapy: Results of a Prospective Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 1059-1068	4	37
237	Middle turbinate preservation in endoscopic transsphenoidal surgery of the anterior skull base. <i>Skull Base</i> , 2010 , 20, 343-7		37
236	Three-dimensional volumetric measurements in defining endoscope-guided giant adenoma surgery outcomes. <i>Pituitary</i> , 2016 , 19, 311-21	4.3	36

235	Low-dose intrathecal fluorescein and etiology-based graft choice in endoscopic endonasal closure of CSF leaks. <i>Clinical Neurology and Neurosurgery</i> , 2014 , 116, 28-34	2	36
234	Endoscopic extended transsphenoidal resection of tuberculum sellae meningiomas: nuances of neurosurgical technique. <i>Neurosurgical Focus</i> , 2013 , 35, E6	4.2	36
233	Hemodynamic surrogates for excitatory membrane potential change during interictal epileptiform events in rat neocortex. <i>Journal of Neurophysiology</i> , 2009 , 101, 2550-62	3.2	36
232	Contralateral supraorbital keyhole approach to medial optic nerve lesions: an anatomoclinical study. <i>Journal of Neurosurgery</i> , 2017 , 126, 940-944	3.2	35
231	Preictal changes in cerebral haemodynamics: review of findings and insights from intracerebral EEG. <i>Epilepsy Research</i> , 2011 , 97, 252-66	3	34
230	Standardization of amygdalohippocampectomy with intraoperative magnetic resonance imaging: preliminary experience. <i>Epilepsia</i> , 2002 , 43, 430-6	6.4	34
229	Endoscopic endonasal resection of skull base chondrosarcomas: technique and early results. <i>Journal of Neurosurgery</i> , 2015 , 122, 735-42	3.2	33
228	Surgical management of trigeminal schwannomas: defining the role for endoscopic endonasal approaches. <i>Neurosurgical Focus</i> , 2014 , 37, E17	4.2	33
227	The value of intraoperative electrocorticography in surgical decision making for temporal lobe epilepsy with normal MRI. <i>Epilepsia</i> , 2011 , 52, 941-8	6.4	33
226	Function-specific high-probability "nodes" identified in posterior language cortex. <i>Epilepsia</i> , 1999 , 40, 575-83	6.4	33
225	Managing Arterial Injury in Endoscopic Skull Base Surgery: Case Series and Review of the Literature. <i>Operative Neurosurgery</i> , 2017 , 13, 138-149	1.6	32
224	Decision-making algorithm for minimally invasive approaches to anterior skull base meningiomas. <i>Neurosurgical Focus</i> , 2018 , 44, E7	4.2	32
223	Endoscopic endonasal resection of skull base meningiomas: the significance of a "cortical cuff" and brain edema compared with careful case selection and surgical experience in predicting morbidity and extent of resection. <i>Neurosurgical Focus</i> , 2014 , 37, E7	4.2	32
222	The endoscopic endonasal approach to repair of iatrogenic and noniatrogenic cerebrospinal fluid leaks and encephaloceles of the anterior cranial fossa. <i>World Neurosurgery</i> , 2014 , 82, S86-94	2.1	32
221	Quadrigeminal variant of perimesencephalic nonaneurysmal subarachnoid hemorrhage. <i>Neurosurgery</i> , 2000 , 46, 584-8	3.2	31
220	Limitations of the endonasal endoscopic approach in treating olfactory groove meningiomas. A systematic review. <i>Acta Neurochirurgica</i> , 2017 , 159, 1875-1885	3	29
219	Endoscopic endonasal approaches to the cavernous sinus. <i>International Forum of Allergy and Rhinology</i> , 2012 , 2, 9-15	6.3	29
218	Predictors of short-term outcomes following endoscopic pituitary surgery. <i>Clinical Neurology and Neurosurgery</i> , 2009 , 111, 119-22	2	29

217	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. <i>Neurosurgery</i> , 1998 , 43, 639-44; discussion 644-5	3.2	29
216	Gallium-68 DOTATATE PET in the Evaluation of Intracranial Meningiomas. <i>Journal of Neuroimaging</i> , 2019 , 29, 650-656	2.8	28
215	Do reactive post-resection "injury" spikes exist?. <i>Epilepsia</i> , 2000 , 41, 1463-8	6.4	28
214	Endoscopic endonasal approach to the ventral brainstem: anatomical feasibility and surgical limitations. <i>Journal of Neurosurgery</i> , 2017 , 127, 1139-1146	3.2	27
213	Defining Glioblastoma Resectability Through the Wisdom of the Crowd: A Proof-of-Principle Study. <i>Neurosurgery</i> , 2017 , 80, 590-601	3.2	27
212	Endonasal endoscopic pituitary surgery in the elderly. <i>Journal of Neurosurgery</i> , 2018 , 128, 429-436	3.2	26
211	The Impact of Age on Long-Term Quality of Life After Endonasal Endoscopic Resection of Skull Base Meningiomas. <i>Neurosurgery</i> , 2016 , 79, 736-745	3.2	26
210	Optogenetic tools for modulating and probing the epileptic network. <i>Epilepsy Research</i> , 2015 , 116, 15-26		25
209	Reoperative endoscopic endonasal surgery for residual or recurrent pituitary adenomas. <i>Journal of Neurosurgery</i> , 2017 , 127, 397-408	3.2	25
208	Transorbital endoscopic approach for exposure of the sylvian fissure, middle cerebral artery and crural cistern: an anatomical study. <i>Acta Neurochirurgica</i> , 2017 , 159, 1893-1907	3	25
207	Interneuron progenitors attenuate the power of acute focal ictal discharges. <i>Neurotherapeutics</i> , 2011 , 8, 763-73	6.4	25
206	Cesium-131 brachytherapy for recurrent brain metastases: durable salvage treatment for previously irradiated metastatic disease. <i>Journal of Neurosurgery</i> , 2017 , 126, 1212-1219	3.2	24
205	Endoscopic Endonasal Resection of Trigeminal Schwannomas. <i>Neurosurgery Clinics of North America</i> , 2015 , 26, 473-9	4	24
204	Tissue hypoxia correlates with intensity of interictal spikes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011 , 31, 1394-402	7.3	24
203	Intracranial nasal natural killer/T-cell lymphoma: immunopathologically-confirmed case and review of literature. <i>Journal of Neuro-Oncology</i> , 2005 , 75, 185-8	4.8	24
202	Letter: COVID-19 Impact on the Medical Student Path to Neurosurgery. <i>Neurosurgery</i> , 2020 , 87, E232-E233		23
201	Endoscopic endonasal access to the jugular foramen: defining the surgical approach. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2012 , 73, 342-51	1.5	23
200	The importance and timing of optic canal exploration and decompression during endoscopic endonasal resection of tuberculum sellae and planum sphenoidale meningiomas. <i>Operative Neurosurgery</i> , 2012 , 71, 58-67	1.6	23

199	Pediatric Suprasellar Tumors. <i>Journal of Child Neurology</i> , 2016 , 31, 1367-76	2.5	22
198	Endoscopic endonasal transsphenoidal "above and below" approach to the retroinfundibular area and interpeduncular cistern--cadaveric study and case illustrations. <i>World Neurosurgery</i> , 2014 , 81, 374-84 ^{2.1}	2.1	22
197	Coupling between gamma-band power and cerebral blood volume during recurrent acute neocortical seizures. <i>NeuroImage</i> , 2014 , 97, 62-70	7.9	21
196	Corridor-based endonasal endoscopic surgery for pediatric skull base pathology with detailed radioanatomic measurements. <i>Operative Neurosurgery</i> , 2014 , 10 Suppl 2, 273-93; discussion 293	1.6	21
195	10 pearls for safe endoscopic skull base surgery. <i>Otolaryngologic Clinics of North America</i> , 2010 , 43, 945-54		21
194	Optical imaging of epileptiform events in visual cortex in response to patterned photic stimulation. <i>Cerebral Cortex</i> , 2003 , 13, 1287-98	5.1	21
193	Combined cranionasal surgery for sphenoid-orbital meningiomas invading the paranasal sinuses, pterygopalatine, and infratemporal fossa. <i>World Neurosurgery</i> , 2013 , 80, e367-73	2.1	20
192	The application of optical recording of intrinsic signals to simultaneously acquire functional, pathological and localizing information and its potential role in neurosurgery. <i>Stereotactic and Functional Neurosurgery</i> , 2005 , 83, 36-44	1.6	20
191	Endoscopic endonasal clip ligation of cerebral aneurysms: an anatomical feasibility study and future directions. <i>Journal of Neurosurgery</i> , 2016 , 124, 463-8	3.2	19
190	Neurocognitive function and quality of life in patients with newly diagnosed brain metastasis after treatment with intra-operative cesium-131 brachytherapy: a prospective trial. <i>Journal of Neuro-Oncology</i> , 2016 , 127, 63-71	4.8	19
189	Endoscopic Endonasal Management of Craniopharyngioma. <i>Otolaryngologic Clinics of North America</i> , 2016 , 49, 201-12	2	19
188	Wide-field neocortical calcium dye imaging using a convection-enhanced loading technique combined with simultaneous multiwavelength imaging of voltage-sensitive dyes and hemodynamic signals. <i>Neurophotonics</i> , 2014 , 1, 015003	3.9	19
187	The importance of latency in the focality of perfusion and oxygenation changes associated with triggered afterdischarges in human cortex. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 1003-14	7.3	19
186	Non-neoplastic intramedullary pathology. Diagnostic dilemma: to Bx or not to Bx. <i>Journal of Neuro-Oncology</i> , 2000 , 47, 283-92	4.8	19
185	Endonasal endoscopic transsphenoidal resection of intrinsic third ventricular craniopharyngioma: surgical results. <i>Journal of Neurosurgery</i> , 2018 , 1-11	3.2	18
184	How long is the tail end of the learning curve? Results from 1000 consecutive endoscopic endonasal skull base cases following the initial 200 cases. <i>Journal of Neurosurgery</i> , 2020 , 134, 750-760	3.2	18
183	Surgical Technique and Clinically Relevant Resection Cavity Dynamics Following Implantation of Cesium-131 (Cs-131) Brachytherapy in Patients With Brain Metastases. <i>Operative Neurosurgery</i> , 2016 , 12, 49-60	1.6	17
182	Double pituitary adenomas are most commonly associated with GH- and ACTH-secreting tumors: systematic review of the literature. <i>Pituitary</i> , 2017 , 20, 702-708	4.3	17

181	Recent developments in oximetry and perfusion-based mapping techniques and their role in the surgical treatment of neocortical epilepsy. <i>Epilepsy and Behavior</i> , 2006 , 8, 363-75	3.2	17
180	Preserve or sacrifice the stalk? Endocrinological outcomes, extent of resection, and recurrence rates following endoscopic endonasal resection of craniopharyngiomas. <i>Journal of Neurosurgery</i> , 2018 , 1-9	3.2	17
179	Endoscopic endonasal surgery for nonadenomatous, nonmeningeal pathology involving the cavernous sinus. <i>Journal of Neurosurgery</i> , 2017 , 126, 880-888	3.2	16
178	Endoscopic Endonasal Management of Metastatic Lesions of the Anterior Skull Base: Case Series and Literature Review. <i>World Neurosurgery</i> , 2015 , 84, 1267-77	2.1	16
177	MIS approaches in the cervical spine. <i>Journal of Spine Surgery</i> , 2019 , 5, S74-S83	2.5	16
176	Endonasal Endoscopic Transsphenoidal Resection of Tuberculum Sella Meningioma with Anterior Cerebral Artery Encasement. <i>Cureus</i> , 2015 , 7, e311	1.2	16
175	Intraoperative MRI versus 5-ALA in high-grade glioma resection: a network meta-analysis. <i>Journal of Neurosurgery</i> , 2020 , 1-15	3.2	16
174	Glial Calcium Waves are Triggered by Seizure Activity and Not Essential for Initiating Ictal Onset or Neurovascular Coupling. <i>Cerebral Cortex</i> , 2017 , 27, 3318-3330	5.1	15
173	Reoperation for growth hormone-secreting pituitary adenomas: report on an endonasal endoscopic series with a systematic review and meta-analysis of the literature. <i>Journal of Neurosurgery</i> , 2018 , 129, 404-416	3.2	15
172	Intranasal cross-sectional area and quality of life changes following endoscopic transsphenoidal skull base surgery. <i>International Forum of Allergy and Rhinology</i> , 2015 , 5, 1124-8	6.3	15
171	Utility of early postoperative high-resolution volumetric magnetic resonance imaging after transsphenoidal pituitary tumor surgery. <i>World Neurosurgery</i> , 2014 , 82, 777-80	2.1	15
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