

Aaron A Cohen Gadol

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.

366 papers	6,849 citations	43 h-index	62 g-index
394 ext. papers	8,058 ext. citations	2.7 avg, IF	6.18 L-index

#	Paper	IF	Citations
366	Resection of Brainstem Arteriovenous Malformations: Pearls and Pitfalls for Minimizing Complications.. <i>World Neurosurgery</i> , 2022 , 159, 348-361	2.1	
365	Resection of Brainstem Cavernous Malformations: Pearls and Pitfalls for Minimizing Complications.. <i>World Neurosurgery</i> , 2022 , 159, 390-401	2.1	0
364	Leveraging the Power of the Internet for Neurosurgical Education: A Standardized Survey for the Pursuit of Educational Excellence.. <i>World Neurosurgery</i> , 2022 , 161, 450-458.e2	2.1	0
363	Primary Skull Base Chondrosarcomas: A Systematic Review. <i>Cancers</i> , 2021 , 13,	6.6	6
362	Thalamic gliomas in adults: a systematic review of clinical characteristics, treatment strategies, and survival outcomes. <i>Journal of Neuro-Oncology</i> , 2021 , 155, 215-224	4.8	5
361	Malignant lymphomatous invasion of Meckel's cave: pathoanatomical considerations of the petrous apex. <i>BMJ Case Reports</i> , 2021 , 14,	0.9	0
360	The Far-Lateral Suboccipital Approach to the Lesions of the Craniovertebral Junction. <i>World Neurosurgery</i> , 2021 , 155, 218-228	2.1	0
359	Single-Surgeon in Vivo Experience with the Zeiss QEVO Microinspection Tool: An Analysis of Its Use for Extending the Reach of Operative Visualization. <i>World Neurosurgery</i> , 2021 , 147, 268-272	2.1	1
358	In Reply: Risk of Brain Herniation After Craniotomy With Preoperative Lumbar Spinal Drainage: A Single-Surgeon Experience of 365 Patients Among 3000 Major Cranial Cases. <i>Operative Neurosurgery</i> , 2021 , 20, E457	1.6	
357	Developmental innervation of cranial dura mater and migraine headache: A narrative literature review. <i>Headache</i> , 2021 , 61, 569-575	4.2	3
356	Retromastoid Craniotomy: An Adaptable and Panoramic Approach to the Cerebellopontine Angle. <i>World Neurosurgery</i> , 2021 , 147, 257-267	2.1	
355	Telovelar Approach: A Practical Guide for Its Expansion to the Fourth Ventricle. <i>World Neurosurgery</i> , 2021 , 148, 239-250	2.1	0
354	Interhemispheric Precuneus Retrosplenial Transfalcine Approach for Falcotentorial Meningiomas: Anatomic Study and Clinical Series. <i>Operative Neurosurgery</i> , 2021 , 21, 48-56	1.6	1
353	Microsurgical Anatomy of the Endoscopy-Assisted Retrosigmoid Intradural Suprameatal Approach to the Meckel's Cave. <i>Operative Neurosurgery</i> , 2021 , 21, 41-47	1.6	
352	Cerebrospinal Fluid Drop Metastases of Canine Glioma: Magnetic Resonance Imaging Classification. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 650320	3.1	0
351	Aging- and Tumor-Mediated Increase in CD8CD28 T Cells Might Impose a Strong Barrier to Success of Immunotherapy in Glioblastoma. <i>ImmunoHorizons</i> , 2021 , 5, 395-409	2.7	2
350	Intradural Clinoidectomy: A Tailored Osteotomy for Approaching the Paraclinoid Carotid Artery and Interpeduncular Cisterns. <i>World Neurosurgery</i> , 2021 , 146, 442-447	2.1	1

349	Extradural Clinoidectomy: An Efficient Technique for Expanding the Operative Corridor Toward the Central Skull Base. <i>World Neurosurgery</i> , 2021 , 145, 557-566	2.1	0
348	Is Placing Prophylactic Dural Tenting Sutures a Dogma?. <i>World Neurosurgery</i> , 2021 , 153, e403-e407	2.1	0
347	Suturing of the Arachnoid Membrane for Reconstruction of the Cisterna Magna: Technical Considerations. <i>World Neurosurgery</i> , 2021 , 154, e724-e728	2.1	0
346	Techniques to Improve the Efficacy of Percutaneous Biopsy Procedures for Cavernous Sinus Lesions. <i>Operative Neurosurgery</i> , 2020 , 18, 232-237	1.6	1
345	The Extended Pterional Craniotomy: A Contemporary and Balanced Approach. <i>Operative Neurosurgery</i> , 2020 , 18, 225-231	1.6	4
344	Atraumatic Sylvian Fissure Split: Nuances and Pitfalls. <i>Operative Neurosurgery</i> , 2020 , 18, 217-224	1.6	5
343	Anterior Subcutaneous Transposition With Expanded Polytetrafluoroethylene (ASTEP) for Cubital Tunnel Syndrome: Technical Note. <i>Operative Neurosurgery</i> , 2020 , 19, E337-E342	1.6	
342	Endovascular Intervention Versus Surgery in Ruptured Intracranial Aneurysms in Equipoise: A Systematic Review. <i>Stroke</i> , 2020 , 51, 1703-1711	6.7	4
341	Vascularity of meningiomas. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 169, 153-165	3	3
340	Hemodynamics of Cerebral Aneurysms: Connecting Medical Imaging and Biomechanical Analysis. <i>Annual Review of Biomedical Engineering</i> , 2020 , 22, 231-256	12	7
339	Challenging Dogma in Arteriovenous Malformation Surgery: Personal Reflections and Lessons Learned from 350 Cases. <i>World Neurosurgery</i> , 2020 , 139, 83-89	2.1	
338	Bipolar Coagulation Aneurysm Dome Remodeling (Aneurysmorrhaphy) for Middle Cerebral Artery Aneurysms. <i>Cureus</i> , 2020 , 12, e6993	1.2	
337	Online Impact and Presence of a Specialized Social Media Team for the Journal of Neurosurgery: Descriptive Analysis. <i>Journal of Medical Internet Research</i> , 2020 , 22, e17741	7.6	11
336	Symptomatic Cerebral Vasospasm After Transsphenoidal Tumor Resection: Two Case Reports and Systematic Literature Review. <i>Cureus</i> , 2020 , 12, e8171	1.2	2
335	In Reply to the Letter to the Editor Regarding "Immersive Three-Dimensional Modeling and Virtual Reality for Enhanced Visualization of Operative Neurosurgical Anatomy". <i>World Neurosurgery</i> , 2020 , 137, 502	2.1	
334	Microsurgical Management of Ventral Intradural-Extramedullary Cervical Meningiomas: Technical Considerations and Outcomes. <i>World Neurosurgery</i> , 2020 , 135, e748-e753	2.1	1
333	In Reply: The Orbitozygomatic Craniotomy and Its Judicious Use. <i>Operative Neurosurgery</i> , 2020 , 19, E462	1.6	1
332	Contralateral Interhemispheric Transfalcine Transprecuneus Approach: Advancing Operative Angles to Deep-Seated Lesions. <i>World Neurosurgery</i> , 2020 , 144, 341-350	2.1	0

331	Transtentorial Approach to Parahippocampal Lesions: A Technically Challenging Approach for Preserving Temporal Lobe Structures. <i>World Neurosurgery</i> , 2020 , 142, 626-635	2.1	1
330	The Orbitozygomatic Craniotomy and Its Judicious Use. <i>Operative Neurosurgery</i> , 2020 , 18, 559-569	1.6	5
329	Predictors of Outcomes and Complications After Microsurgical and Endovascular Treatment of 1300 Intracranial Aneurysms. <i>World Neurosurgery</i> , 2019 , 122, e516-e529	2.1	3
328	Neurosurgical Flexible Probe Microscopy with Enhanced Architectural and Cytological Detail. <i>World Neurosurgery</i> , 2019 , 128, e929-e937	2.1	
327	The Natural History of Coiled Cerebral Aneurysms Stratified by Modified Raymond-Roy Occlusion Classification. <i>World Neurosurgery</i> , 2019 , 128, e417-e426	2.1	2
326	Cerebral circulation time derived from fMRI signals in large blood vessels. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 1504-1513	5.6	8
325	Glioma Mimics: Magnetic Resonance Imaging Characteristics of Granulomas in Dogs. <i>Frontiers in Veterinary Science</i> , 2019 , 6, 286	3.1	5
324	In Reply: The Indusium Griseum: Anatomic Study with Potential Application to Callosotomy. <i>Neurosurgery</i> , 2019 , 85, E623	3.2	
323	Innovations in the Art of Microneurosurgery for Reaching Deep-Seated Cerebral Lesions. <i>World Neurosurgery</i> , 2019 , 131, 321-327	2.1	4
322	Immersive Three-Dimensional Modeling and Virtual Reality for Enhanced Visualization of Operative Neurosurgical Anatomy. <i>World Neurosurgery</i> , 2019 , 131, 313-320	2.1	20
321	Awake craniotomy in glioma surgery: is it necessary?. <i>Journal of Neurosurgical Sciences</i> , 2019 , 63, 162-178.	3	5
320	Intraoperative assessment of isocitrate dehydrogenase mutation status in human gliomas using desorption electrospray ionization-mass spectrometry. <i>Journal of Neurosurgery</i> , 2019 , 132, 180-187	3.2	11
319	Alternative customized instrumentation and technique for percutaneous balloon compression rhizotomy for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2019 , 132, 1938-1941	3.2	5
318	Ganglion cyst of the temporomandibular joint with intradural extension: case report. <i>Journal of Neurosurgery</i> , 2019 , 132, 700-704	3.2	
317	Supraorbital Keyhole Approach: Lessons Learned from 106 Operative Cases. <i>World Neurosurgery</i> , 2019 , 124, e667-e667	2.1	26
316	Intraoperative detection of isocitrate dehydrogenase mutations in human gliomas using a miniature mass spectrometer. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7929-7933	4.4	10
315	Application of Indocyanine Green During Arteriovenous Malformation Surgery: Evidence, Techniques, and Practical Pearls. <i>Frontiers in Surgery</i> , 2019 , 6, 70	2.3	6
314	Surgical Management of Spinal Arachnoid Cysts in Adults. <i>World Neurosurgery</i> , 2019 , 122, e1146-e1152	2.1	16

313	Virtual, 3-Dimensional Temporal Bone Model and Its Educational Value for Neurosurgical Trainees. <i>World Neurosurgery</i> , 2019 , 122, e1412-e1415	2.1	18
312	Anterior Communicating Artery Complex Aneurysms: Anatomic Characteristics as Predictors of Surgical Outcome in 300 Cases. <i>World Neurosurgery</i> , 2019 , 122, e896-e906	2.1	7
311	The Application of FLOW 800 ICG Videoangiography Color Maps for Neurovascular Surgery and Intraoperative Decision Making. <i>World Neurosurgery</i> , 2019 , 122, e186-e197	2.1	21
310	In Vivo Microscopy in Neurosurgical Oncology. <i>World Neurosurgery</i> , 2018 , 115, 110-127	2.1	12
309	In Reply: Intracranial Connections of the Vertebral Venous Plexus: Anatomic Study With Application to Neurosurgical and Endovascular Procedures at the Craniocervical Junction. <i>Operative Neurosurgery</i> , 2018 , 15, E27	1.6	
308	Acridine Orange as a Novel Photosensitizer for Photodynamic Therapy in Glioblastoma. <i>World Neurosurgery</i> , 2018 , 114, e1310-e1315	2.1	14
307	Minimally Invasive Approaches for Anterior Skull Base Meningiomas: Supraorbital Eyebrow, Endoscopic Endonasal, or a Combination of Both? Anatomic Study, Limitations, and Surgical Application. <i>World Neurosurgery</i> , 2018 , 112, e666-e674	2.1	33
306	Factors associated with burnout among US neurosurgery residents: a nationwide survey. <i>Journal of Neurosurgery</i> , 2018 , 129, 1349-1363	3.2	56
305	A system for detecting high impact-low frequency mutations in primary tumors and metastases. <i>Oncogene</i> , 2018 , 37, 185-196	9.2	17
304	Canine (Pet Dog) Tumor Microsurgery and Intratumoral Concentration and Safety of Metronomic Chlorambucil for Spontaneous Glioma: A Phase I Clinical Trial. <i>World Neurosurgery</i> , 2018 , 116, e534-e542 ^{2.1}	2.1	8
303	The art of microneurosurgery and passion for technical excellence. <i>Journal of Neurosurgery</i> , 2018 , 130, 1023-1027	3.2	0
302	Cerebrovascular Operative Anatomy: An Immersive 3D and Virtual Reality Description. <i>Operative Neurosurgery</i> , 2018 , 15, 613-623	1.6	7
301	Toxicity of Radiosurgery for Brainstem Metastases. <i>World Neurosurgery</i> , 2018 , 119, e757-e764	2.1	7
300	Operative Anatomy of the Human Skull: A Virtual Reality Expedition. <i>Operative Neurosurgery</i> , 2018 , 15, 368-377	1.6	14
299	Introduction of a New Interactive Paradigm to Define the Next Generation of Visualization in Neurosurgical Anatomy. <i>Operative Neurosurgery</i> , 2018 , 15, 365-367	1.6	3
298	Effect of short-term 5-aminocaproic acid treatment on patients undergoing endovascular coil embolization following aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2017 , 126, 1606-1613 ^{3.2}	3.2	6
297	Combination therapy in a xenograft model of glioblastoma: enhancement of the antitumor activity of temozolomide by an MDM2 antagonist. <i>Journal of Neurosurgery</i> , 2017 , 126, 446-459	3.2	21
296	A long-term study of durability and risk factors for aneurysm recurrence after microsurgical clip ligation. <i>Journal of Neurosurgery</i> , 2017 , 126, 819-824	3.2	38

295	Long-term follow-up analysis of microsurgical clip ligation and endovascular coil embolization for dorsal wall blister aneurysms of the internal carotid artery. <i>Journal of Clinical Neuroscience</i> , 2017 , 39, 72-77	2.2	10
294	Sulforaphane suppresses the growth of glioblastoma cells, glioblastoma stem cell-like spheroids, and tumor xenografts through multiple cell signaling pathways. <i>Journal of Neurosurgery</i> , 2017 , 127, 1219-1230 ²⁶	3.2	21
293	Comparison of endovascular and microsurgical management of 208 basilar apex aneurysms. <i>Journal of Neurosurgery</i> , 2017 , 127, 1342-1352	3.2	21
292	Utility of neurological smears for intrasurgical brain cancer diagnostics and tumour cell percentage by DESI-MS. <i>Analyst, The</i> , 2017 , 142, 449-454	5	19
291	Endovascular treatment of ruptured tiny (?3mm) intracranial aneurysms in the setting of subarachnoid hemorrhage: A case series of 20 patients and literature review. <i>Journal of Clinical Neuroscience</i> , 2017 , 40, 52-56	2.2	8
290	The Posterior Transcallosal Approach to the Pineal Region and Posterior Third Ventricle: Interventricular and Paraventricular Variants. <i>Operative Neurosurgery</i> , 2017 , 13, 77-88	1.6	11
289	Intraoperative assessment of tumor margins during glioma resection by desorption electrospray ionization-mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 6700-6705	11.5	106
288	Analysis of human gliomas by swab touch spray-mass spectrometry: applications to intraoperative assessment of surgical margins and presence of oncometabolites. <i>Analyst, The</i> , 2017 , 142, 4058-4066	5	27
287	Dogs are man's best friend: in sickness and in health. <i>Neuro-Oncology</i> , 2017 , 19, 312-322	1	18
286	The Role of MDM2 in Promoting Genome Stability versus Instability. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	20
285	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
284	Lateral supracerebellar infratentorial approach for microsurgical resection of large midline pineal region tumors: techniques to expand the operative corridor. <i>Journal of Neurosurgery</i> , 2016 , 124, 269-76	3.2	19
283	Disseminated choroid plexus papillomas in adults: A case series and review of the literature. <i>Journal of Clinical Neuroscience</i> , 2016 , 32, 148-54	2.2	13
282	Modified skin incision for avoiding the lesser occipital nerve and occipital artery during retrosigmoid craniotomy: potential applications for enhancing operative working distance and angles while minimizing the risk of postoperative neuralgias and intraoperative hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2016 , 32, 63-7	2.2	14
281	Neural connections between the nervus intermedius and the facial and vestibulocochlear nerves in the cerebellopontine angle: an anatomic study. <i>Surgical and Radiologic Anatomy</i> , 2016 , 38, 619-23	1.4	4
280	Can blockage or sacrifice of the middle meningeal artery lead to hydrocephalus?. <i>Childs Nervous System</i> , 2016 , 32, 2153-2157	1.7	
279	Lipid and metabolite profiles of human brain tumors by desorption electrospray ionization-MS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1486-91	11.5	146
278	Differential Lipid Profiles of Normal Human Brain Matter and Gliomas by Positive and Negative Mode Desorption Electrospray Ionization - Mass Spectrometry Imaging. <i>PLoS ONE</i> , 2016 , 11, e0163180	3.7	49

277	Atraumatic multifocal intracerebral hemorrhage. <i>Journal of Clinical Neuroscience</i> , 2016 , 31, 213-6	2.2	4
276	Microsurgical resection of tumors of the lateral and third ventricles: operative corridors for difficult-to-reach lesions. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 331-340	4.8	46
275	Choroid plexus of the fourth ventricle: Review and anatomic study highlighting anatomical variations. <i>Journal of Clinical Neuroscience</i> , 2016 , 26, 79-83	2.2	9
274	Resection of pituitary tumors: endoscopic versus microscopic. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 309-317	4.8	73
273	Enhanced anticancer properties of lomustine in conjunction with docosahexaenoic acid in glioblastoma cell lines. <i>Journal of Neurosurgery</i> , 2015 , 122, 547-56	3.2	15
272	Endoscopic endonasal resection of skull base chondrosarcomas: technique and early results. <i>Journal of Neurosurgery</i> , 2015 , 122, 735-42	3.2	33
271	Strategies to minimize complications during intraoperative aneurysmal hemorrhage: a personal experience. <i>World Neurosurgery</i> , 2015 , 83, 620-6	2.1	7
270	External cortical landmarks and measurements for the temporal horn: Anatomic study with application to surgery of the temporal lobe. <i>Surgical Neurology International</i> , 2015 , 6, 17	1	2
269	Dural Septation on the Inner Surface of the Jugular Foramen: An Anatomical Study. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2015 , 76, 214-7	1.5	7
268	Treatment and outcomes among 102 posterior inferior cerebellar artery aneurysms: a comparison of endovascular and microsurgical clip ligation. <i>World Neurosurgery</i> , 2015 , 83, 784-93	2.1	32
267	Glioblastoma stem cells (GSCs) epigenetic plasticity and interconversion between differentiated non-GSCs and GSCs. <i>Genes and Diseases</i> , 2015 , 2, 152-163	6.6	124
266	Intrasellar ependymoma: clinical, imaging, pathological, and surgical findings. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 638-41	2.2	10
265	Proton therapy for atypical meningiomas. <i>Journal of Neuro-Oncology</i> , 2015 , 123, 123-8	4.8	26
264	Posterior interhemispheric transfalxine transprecuneus approach for microsurgical resection of peritrial lesions: indications, technique, and outcomes. <i>Journal of Neurosurgery</i> , 2015 , 123, 1045-54	3.2	21
263	Clip ligation of contralateral P1 aneurysm: extending the working depth of microsurgery along the skull base. <i>Neurosurgical Focus</i> , 2015 , 38, Video8	4.2	
262	Ventriculoiliac shunt: a cadaveric feasibility study. <i>Journal of Neurosurgery: Pediatrics</i> , 2015 , 15, 310-2	2.1	7
261	Poor man-rich man fluorescence. Is this really the problem?. <i>Acta Neurochirurgica</i> , 2015 , 157, 1959-61	3	8
260	Clinical, Pathological, and Surgical Outcomes for Adult Pineoblastomas. <i>World Neurosurgery</i> , 2015 , 84, 1816-24	2.1	13

259	Skull base connections between the middle meningeal and internal carotid arteries. <i>Childs Nervous System</i> , 2015 , 31, 1515-20	1.7	6
258	Activation of death-associated protein kinase in human peritumoral tissue: A potential therapeutic target. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 1655-60	2.2	4
257	Arachidonic acid induces brain endothelial cell apoptosis via p38-MAPK and intracellular calcium signaling. <i>Microvascular Research</i> , 2015 , 98, 145-58	3.7	28
256	The Chiari malformations: a review with emphasis on anatomical traits. <i>Clinical Anatomy</i> , 2015 , 28, 184-94	4.5	69
255	Blood supply to the human spinal cord: part I. Anatomy and hemodynamics. <i>Clinical Anatomy</i> , 2015 , 28, 52-64	2.5	45
254	Blood Supply to the human spinal cord: part II. Imaging and pathology. <i>Clinical Anatomy</i> , 2015 , 28, 65-74	2.5	13
253	Study of the biodistribution of fluorescein in glioma-infiltrated mouse brain and histopathological correlation of intraoperative findings in high-grade gliomas resected under fluorescein fluorescence guidance. <i>Journal of Neurosurgery</i> , 2015 , 122, 1360-9	3.2	119
252	Interhemispheric transfalcine approach and awake cortical mapping for resection of peri-atrial gliomas associated with the central lobule. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 383-6	2.2	8
251	Intrasellar pilocytic astrocytomas: clinical, imaging, pathological, and surgical findings. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 653-8	2.2	3
250	A prospective comparative study of microscope-integrated intraoperative fluorescein and indocyanine videoangiography for clip ligation of complex cerebral aneurysms. <i>Journal of Neurosurgery</i> , 2015 , 122, 618-26	3.2	44
249	High-resolution direct microstimulation mapping of spinal cord motor pathways during resection of an intramedullary tumor. <i>Journal of Neurosurgery: Spine</i> , 2015 , 22, 205-10	2.8	30
248	Aneurysms: intracranial aneurysms. <i>FP Essentials</i> , 2015 , 431, 11-6	0.4	
247	Incidence, epidemiology, and treatment of aneurysmal subarachnoid hemorrhage in 12 midwest communities. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 1073-82	2.8	24
246	The circular sinus: an anatomic study with neurosurgical and neurointerventional applications. <i>World Neurosurgery</i> , 2014 , 82, e475-8	2.1	13
245	A novel method for passing cerebrospinal fluid shunt tubing: a proof of principle study. <i>Childs Nervous System</i> , 2014 , 30, 2115-7	1.7	1
244	Technical strategies for the transcallosal transforaminal approach to third ventricle tumors: expanding the operative corridor. <i>Journal of Neurosurgery: Pediatrics</i> , 2014 , 14, 365-71	2.1	14
243	Relationship between the pituitary stalk angle in prefixed, normal, and postfixed optic chiasmata: an anatomic study with microsurgical application. <i>Acta Neurochirurgica</i> , 2014 , 156, 147-51	3	19
242	Use of intraoperative fluorescein sodium fluorescence to improve the accuracy of tissue diagnosis during stereotactic needle biopsy of high-grade gliomas. <i>Acta Neurochirurgica</i> , 2014 , 156, 1071-5; discussion 1075	3	49

241	Pituitary macroadenoma causing symptomatic internal carotid artery compression: surgical treatment through transsphenoidal tumor resection. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 541-6	2.2	13
240	The nerve of McKenzie: anatomic study with application to intradural rhizotomy for spasmodic torticollis. <i>British Journal of Neurosurgery</i> , 2014 , 28, 650-2	1	4
239	Salivoma after carotid endarterectomy. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1058-60	2.2	
238	Endoscopic endonasal transplanum transtuberculum resection of a large solid choroid plexus papilloma of the third ventricle. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1263-6	2.2	3
237	Intraoperative fluorescence-guided resection of high-grade gliomas: a comparison of the present techniques and evolution of future strategies. <i>World Neurosurgery</i> , 2014 , 82, 175-85	2.1	103
236	Histologic confirmation of neuronal cell bodies along the spinal accessory nerve. <i>British Journal of Neurosurgery</i> , 2014 , 28, 746-9	1	10
235	Modified periinsular hemispherotomy: operative anatomy and technical nuances. <i>Journal of Neurosurgery: Pediatrics</i> , 2014 , 13, 332-8	2.1	7
234	A new segment of the trochlear nerve: cadaveric study with application to skull base surgery. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014 , 75, 8-10	1.5	6
233	False-negative indocyanine green videoangiography among complex unruptured middle cerebral artery aneurysms: the importance of further aneurysm inspection. <i>British Journal of Neurosurgery</i> , 2014 , 28, 658-62	1	
232	The pursuit of a cholesteatoma by harvey cushing: staged approach to a complex skull base tumor. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014 , 75, 339-45	1.5	
231	Expanding the operative corridor for difficult-to-reach tumors: the concept of operative working angles to minimize brain transgression. <i>Neurosurgery</i> , 2014 , 61 Suppl 1, 93-9	3.2	1
230	Virtual interactive presence for real-time, long-distance surgical collaboration during complex microsurgical procedures. <i>Journal of Neurosurgery</i> , 2014 , 121, 277-84	3.2	35
229	Introduction: Strategies for management and outcomes of arteriovenous malformations. <i>Neurosurgical Focus</i> , 2014 , 37, Introduction	4.2	1
228	Neural interconnections between portio minor and portio major at the porus trigeminus: application to failed surgical treatment of trigeminal neuralgia. <i>Clinical Anatomy</i> , 2014 , 27, 94-6	2.5	7
227	Anatomy of the inferior petro-occipital vein and its relation to the base of the skull: application to surgical and endovascular procedures of the skull base. <i>Clinical Anatomy</i> , 2014 , 27, 698-701	2.5	20
226	TrautmannB triangle anatomy with application to posterior transpetrosal and other related skull base procedures. <i>Clinical Anatomy</i> , 2014 , 27, 994-8	2.5	18
225	Tackling technical challenges for microsurgical clip ligation of complex aneurysms during the endovascular era: a personal perspective. <i>Neurosurgery</i> , 2014 , 61 Suppl 1, 43-53	3.2	1
224	An analysis of 88 patients with diffuse and "benign" perimesencephalic subarachnoid hemorrhage. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2014 , 75, 299-304	1.1	7

223	The artery of Percheron: an anatomic study with potential neurosurgical and neuroendovascular importance. <i>British Journal of Neurosurgery</i> , 2014 , 28, 81-5	1	12
222	Cranial roots of the accessory nerve exist in the majority of adult humans. <i>Clinical Anatomy</i> , 2014 , 27, 102-7	2.5	15
221	Aneurysmal acute subdural hemorrhage: prognostic factors associated with treatment. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1333-6	2.2	4
220	Ossification of the petrosphenoidal ligament: unusual variation with the potential for abducens nerve entrapment in Dorello's canal at the skull base. <i>Surgical and Radiologic Anatomy</i> , 2014 , 36, 303-5	1.4	10
219	Dorsal third ventricular cysts revisited. <i>Childs Nervous System</i> , 2013 , 29, 2271-4	1.7	3
218	Proboscis lateralis. <i>Childs Nervous System</i> , 2013 , 29, 885-91	1.7	9
217	Absence of the sagittal suture does not result in scaphocephaly. <i>Childs Nervous System</i> , 2013 , 29, 673-7	1.7	1
216	The nervus intermedius: a review of its anatomy, function, pathology, and role in neurosurgery. <i>World Neurosurgery</i> , 2013 , 79, 763-7	2.1	41
215	Intraoperative fluorescence for resection of hemangioblastomas. <i>Acta Neurochirurgica</i> , 2013 , 155, 1287-92	3.2	18
214	Technical principles and neurosurgical applications of fluorescein fluorescence using a microscope-integrated fluorescence module. <i>Acta Neurochirurgica</i> , 2013 , 155, 701-6	3	77
213	Minitubular transcortical microsurgical approach for gross total resection of third ventricular colloid cysts: technique and assessment. <i>World Neurosurgery</i> , 2013 , 79, 207.e7-10	2.1	33
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