

Aaron A Cohen Gadol

List of Publications by Citations

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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	Long-term outcome of epilepsy surgery among 399 patients with nonlesional seizure foci including mesial temporal lobe sclerosis. <i>Journal of Neurosurgery</i> , 2006 , 104, 513-24	3.2	211
365	Surgical correction of a spinal arteriovenous fistula with an unusual presentation. <i>Neurosurgical Focus</i> , 2012 , 33, 1	4.2	166
364	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
363	Long-term outcome after epilepsy surgery for focal cortical dysplasia. <i>Journal of Neurosurgery</i> , 2004 , 101, 55-65	3.2	139
362	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
361	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
360	Ligaments of the craniocervical junction. <i>Journal of Neurosurgery: Spine</i> , 2011 , 14, 697-709	2.8	113
359	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
358	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
357	Resident duty hours reform: results of a national survey of the program directors and residents in neurosurgery training programs. <i>Neurosurgery</i> , 2005 , 56, 398-403; discussion 398-403	3.2	100
356	The cranial dura mater: a review of its history, embryology, and anatomy. <i>Childs Nervous System</i> , 2012 , 28, 827-37	1.7	99
355	Technical principles and neurosurgical applications of fluorescein fluorescence using a microscope-integrated fluorescence module. <i>Acta Neurochirurgica</i> , 2013 , 155, 701-6	3	77
354	Spinal meningiomas in patients younger than 50 years of age: a 21-year experience. <i>Journal of Neurosurgery: Spine</i> , 2003 , 98, 258-63	2.8	76
353	Altered expression of connexin subtypes in mesial temporal lobe epilepsy in humans. <i>Journal of Neurosurgery</i> , 2006 , 105, 77-87	3.2	73
352	Resection of pituitary tumors: endoscopic versus microscopic. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 309-317	4.8	73
351	The Chiari malformations: a review with emphasis on anatomical traits. <i>Clinical Anatomy</i> , 2015 , 28, 184-94	4.5	69
350	Endovascular treatment of an internal carotid artery pseudoaneurysm following transsphenoidal surgery. Case report. <i>Journal of Neurosurgery</i> , 2002 , 96, 624-7	3.2	69

349	Microvascular decompression surgery for trigeminal neuralgia and hemifacial spasm: nuances of the technique based on experiences with 100 patients and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2011 , 113, 844-53	2	61
348	Anatomy and pathology of the cranial emissary veins: a review with surgical implications. <i>Neurosurgery</i> , 2012 , 70, 1312-8; discussion 1318-9	3.2	60
347	Normal magnetic resonance imaging and medial temporal lobe epilepsy: the clinical syndrome of paradoxical temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2005 , 102, 902-9	3.2	59
346	Factors associated with burnout among US neurosurgery residents: a nationwide survey. <i>Journal of Neurosurgery</i> , 2018 , 129, 1349-1363	3.2	56
345	Vasovagal syncope in the Canon of Avicenna: the first mention of carotid artery hypersensitivity. <i>International Journal of Cardiology</i> , 2009 , 134, 297-301	3.2	56
344	Surgery for extratemporal nonlesional epilepsy in children: a meta-analysis. <i>Childs Nervous System</i> , 2010 , 26, 945-51	1.7	56
343	Neurosurgical management of intracranial lesions in the pregnant patient: a 36-year institutional experience and review of the literature. <i>Journal of Neurosurgery</i> , 2009 , 111, 1150-7	3.2	55
342	Granular cell tumor of the sellar and suprasellar region: clinicopathologic study of 11 cases and literature review. <i>Mayo Clinic Proceedings</i> , 2003 , 78, 567-73	6.4	55
341	The intracranial arachnoid mater : a comprehensive review of its history, anatomy, imaging, and pathology. <i>Childs Nervous System</i> , 2013 , 29, 17-33	1.7	53
340	Anatomy and landmarks for the superior and middle cluneal nerves: application to posterior iliac crest harvest and entrapment syndromes. <i>Journal of Neurosurgery: Spine</i> , 2010 , 13, 356-9	2.8	52
339	The innervation of the cranial dura mater: neurosurgical case correlates and a review of the literature. <i>World Neurosurgery</i> , 2012 , 78, 505-10	2.1	50
338	Mesial temporal lobe epilepsy: a proton magnetic resonance spectroscopy study and a histopathological analysis. <i>Journal of Neurosurgery</i> , 2004 , 101, 613-20	3.2	50
337	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
336	Peripheral facial nerve communications and their clinical implications. <i>Clinical Anatomy</i> , 2011 , 24, 10-8	2.5	49
335	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
334	Cavum velum interpositum, cavum septum pellucidum, and cavum vergae: a review. <i>Childs Nervous System</i> , 2011 , 27, 1927-30	1.7	47
333	Retroclival epidural hematomas: a clinical series. <i>Neurosurgery</i> , 2010 , 67, 404-6; discussion 406-7	3.2	47
332	Coexistence of intracranial and spinal cavernous malformations: a study of prevalence and natural history. <i>Journal of Neurosurgery</i> , 2006 , 104, 376-81	3.2	47

331	Cushing's first case of transsphenoidal surgery: the launch of the pituitary surgery era. <i>Journal of Neurosurgery</i> , 2005 , 103, 570-4	3.2	46
330	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
329	Blood supply to the human spinal cord: part I. Anatomy and hemodynamics. <i>Clinical Anatomy</i> , 2015 , 28, 52-64	2.5	45
328	Spinal cord biopsy: a review of 38 cases. <i>Neurosurgery</i> , 2003 , 52, 806-15; discussion 815-6	3.2	45
327	Synovial cysts of the thoracic spine. <i>Journal of Neurosurgery: Spine</i> , 2004 , 1, 52-7	2.8	45
326	The human calvaria: a review of embryology, anatomy, pathology, and molecular development. <i>Childs Nervous System</i> , 2012 , 28, 23-31	1.7	44
325	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
324	Nonlesional central lobule seizures: use of awake cortical mapping and subdural grid monitoring for resection of seizure focus. <i>Journal of Neurosurgery</i> , 2003 , 98, 1255-62	3.2	44
323	Phase I trial: safety and feasibility of intracranial electroencephalography using hybrid subdural electrodes containing macro- and microelectrode arrays. <i>Neurosurgical Focus</i> , 2008 , 25, E23	4.2	43
322	Selective peripheral denervation for the treatment of intractable spasmodic torticollis: experience with 168 patients at the Mayo Clinic. <i>Journal of Neurosurgery</i> , 2003 , 98, 1247-54	3.2	43
321	Long-term incidence of subaxial cervical spine instability following cervical arthrodesis surgery in patients with rheumatoid arthritis. <i>World Neurosurgery</i> , 2006 , 66, 136-40; discussion 140		42
320	Harvey Cushing and Oskar Hirsch: early forefathers of modern transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2005 , 103, 1096-104	3.2	42
319	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
318	Surgery for extratemporal nonlesional epilepsy in adults: an outcome meta-analysis. <i>Acta Neurochirurgica</i> , 2010 , 152, 1299-305	3	40
317	Study of the cervical plexus innervation of the trapezius muscle. <i>Journal of Neurosurgery: Spine</i> , 2011 , 14, 626-9	2.8	39
316	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
315	Middle cerebral artery aneurysms in children: case series and review. <i>Journal of Neurosurgery: Pediatrics</i> , 2011 , 8, 79-89	2.1	38
314	Intraventricular baclofen as an alternative to intrathecal baclofen for intractable spasticity or dystonia: outcomes and technical considerations. <i>Journal of Neurosurgery: Pediatrics</i> , 2012 , 10, 315-9	2.1	37

313	Regional energetic dysfunction in hippocampal epilepsy. <i>Acta Neurologica Scandinavica</i> , 2005 , 111, 218-248	3.4	37
312	Segmental cutaneous hemangioma and spinal arteriovenous malformation (Cobb syndrome). Case report and historical perspective. <i>Journal of Neurosurgery: Spine</i> , 2005 , 3, 249-52	2.8	36
311	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
310	Confirmation of research publications reported by neurological surgery residency applicants. <i>World Neurosurgery</i> , 2003 , 60, 280-3; discussion 283-4		34
309	Vision of the future: initial experience with intraoperative real-time high-resolution dynamic infrared imaging. Technical note. <i>Journal of Neurosurgery</i> , 2002 , 97, 1460-71	3.2	34
308	Transient postictal magnetic resonance imaging abnormality of the corpus callosum in a patient with epilepsy. Case report and review of the literature. <i>Journal of Neurosurgery</i> , 2002 , 97, 714-7	3.2	34
307	Endoscopic endonasal resection of skull base chondrosarcomas: technique and early results. <i>Journal of Neurosurgery</i> , 2015 , 122, 735-42	3.2	33
306	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
305	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
304	Persistent fetal intracranial arteries: a comprehensive review of anatomical and clinical significance. <i>Journal of Neurosurgery</i> , 2011 , 114, 1127-34	3.2	33
303	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
302	Wormian bones: a review. <i>Clinical Anatomy</i> , 2013 , 26, 922-7	2.5	32
301	Is there a shortage of neurosurgeons in the United States?. <i>Neurosurgery</i> , 2013 , 73, 354-5; discussion 365-6	3.2	32
300	Battling blood loss in neurosurgery: Harvey Cushing's embrace of electrosurgery. <i>Journal of Neurosurgery</i> , 2005 , 102, 745-52	3.2	31
299	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
298	Risk of hemorrhage from de novo cerebral aneurysms. <i>Journal of Neurosurgery</i> , 2013 , 118, 58-62	3.2	30
297	Surgical and anatomical landmarks for the perineal branch of the posterior femoral cutaneous nerve: implications in perineal pain syndromes. Laboratory investigation. <i>Journal of Neurosurgery</i> , 2009 , 111, 332-5	3.2	30
296	Morphometric analysis of the foramen magnum: an anatomic study. <i>Neurosurgery</i> , 2010 , 66, 385-8; discussion 388	3.2	30

295	Migration of a distal shunt catheter into the heart and pulmonary artery: report of a case and review of the literature. <i>Childs Nervous System</i> , 2010 , 26, 1113-6	1.7	29
294	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
293	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
292	Surgical treatment of 127 anterior choroidal artery aneurysms: a cohort study of resultant ischemic complications. <i>Neurosurgery</i> , 2013 , 73, 933-9; discussion 939-40	3.2	27
291	Anatomical study of the third occipital nerve and its potential role in occipital headache/neck pain following midline dissections of the craniocervical junction. <i>Journal of Neurosurgery: Spine</i> , 2011 , 15, 71-5	2.8	27
290	Radiosurgery for arteriovenous malformations in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2006 , 104, 388-91	2.1	27
289	Neurostimulation therapy for epilepsy: current modalities and future directions. <i>Mayo Clinic Proceedings</i> , 2003 , 78, 238-48	6.4	27
288	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	3.7	26
287	Proton therapy for atypical meningiomas. <i>Journal of Neuro-Oncology</i> , 2015 , 123, 123-8	4.8	26
286	A method to map the visual cortex during an awake craniotomy. <i>Journal of Neurosurgery</i> , 2011 , 114, 922-32	3.2	26
285	Variant intraneural vein-trigeminal nerve relationships: an observation during microvascular decompression surgery for trigeminal neuralgia. <i>Neurosurgery</i> , 2009 , 65, 958-61; discussion 961	3.2	26
284	Supraorbital Keyhole Approach: Lessons Learned from 106 Operative Cases. <i>World Neurosurgery</i> , 2019 , 124, e667-e667	2.1	26
283	Extramedullary spinal ependymoma: a diagnostic challenge and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2011 , 113, 661-4	2	25
282	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
281	Feasibility of ventricular expansion postmortem: a novel laboratory model for neurosurgical training that simulates intraventricular endoscopic surgery. <i>Journal of Neurosurgery</i> , 2009 , 111, 1165-7	3.2	24
280	Cruveilhier plexus: an anatomical study and a potential cause of failed treatments for occipital neuralgia and muscular and facet denervation procedures. <i>Journal of Neurosurgery</i> , 2011 , 115, 929-33	3.2	23
279	Intracarotid Amytal memory test and hippocampal magnetic resonance imaging volumetry: validity of the Wada test as an indicator of hippocampal integrity among candidates for epilepsy surgery. <i>Journal of Neurosurgery</i> , 2004 , 101, 926-31	3.2	23
278	Non-enhancing de novo glioblastoma: report of two cases. <i>Neurosurgical Review</i> , 2004 , 27, 281-5	3.9	23

277	Classification and clinical anatomy of the first spinal nerve: surgical implications. <i>Journal of Neurosurgery: Spine</i> , 2009 , 10, 390-4	2.8	22
276	Hans Chiari (1851-1916). <i>Journal of Neurology</i> , 2010 , 257, 1218-20	5.5	22
275	Use of an anteromedial subdural strip electrode in the evaluation of medial temporal lobe epilepsy. Technical note. <i>Journal of Neurosurgery</i> , 2003 , 99, 921-3	3.2	22
274	The evolution of Harvey Cushing's surgical approach to pituitary tumors from transsphenoidal to transfrontal. <i>Journal of Neurosurgery</i> , 2005 , 103, 372-7	3.2	22
273	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
272	Comparison of endovascular and microsurgical management of 208 basilar apex aneurysms. <i>Journal of Neurosurgery</i> , 2017 , 127, 1342-1352	3.2	21
271	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
270	Korbinian Brodmann (1868-1918) and his contributions to mapping the cerebral cortex. <i>Neurosurgery</i> , 2011 , 68, 6-11; discussion 11	3.2	21
269	Surgical anatomy and quantitation of the branches of the V2 and V3 segments of the vertebral artery. Laboratory investigation. <i>Journal of Neurosurgery: Spine</i> , 2009 , 11, 84-7	2.8	21
268	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
267	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
266	Remote contralateral intraparenchymal hemorrhage after overdrainage of a chronic subdural hematoma. <i>International Journal of Surgery Case Reports</i> , 2013 , 4, 834-6	0.8	20
265	The Role of MDM2 in Promoting Genome Stability versus Instability. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	20
264	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
263	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
262	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
261	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
260	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

- 259 The petrosal nerves: anatomy, pathology, and surgical considerations. *Clinical Anatomy*, **2009**, 22, 537-44.5 19
- 258 Anatomy of the palmar branch of the ulnar nerve: application to ulnar and median nerve decompressive surgery. *Journal of Neurosurgery*, **2011**, 114, 263-7 3.2 19
- 257 Roots of neuroanatomy, neurology, and neurosurgery as found in the Bible and Talmud. *Neurosurgery*, **2008**, 63, 156-62; discussion 162-3 3.2 19
- 256 Central nervous system superficial siderosis following spinal surgery. *Journal of Neurosurgery: Spine*, **2005**, 2, 206-8 2.8 19
- 255 Dogs are man's best friend: in sickness and in health. *Neuro-Oncology*, **2017**, 19, 312-322 1 18
- 254 Intraoperative fluorescence for resection of hemangioblastomas. *Acta Neurochirurgica*, **2013**, 155, 1287-92 3.2 18
- 253 Trautmann's triangle anatomy with application to posterior transpetrosal and other related skull base procedures. *Clinical Anatomy*, **2014**, 27, 994-8 2.5 18
- 252 Intraoperative stereoscopic 3D video imaging: pushing the boundaries of surgical visualisation and applications for neurosurgical education. *British Journal of Neurosurgery*, **2012**, 26, 662-7 1 18
- 251 Virtual, 3-Dimensional Temporal Bone Model and Its Educational Value for Neurosurgical Trainees. *World Neurosurgery*, **2019**, 122, e1412-e1415 2.1 18
- 250 A system for detecting high impact-low frequency mutations in primary tumors and metastases. *Oncogene*, **2018**, 37, 185-196 9.2 17
- 249 Félix Vicq d'Azyr (1746-1794): early founder of neuroanatomy and royal French physician. *Childs Nervous System*, **2011**, 27, 1031-4 1.7 17
- 248 Harvey Cushing's case series of trigeminal neuralgia at the Johns Hopkins Hospital: a surgeon's quest to advance the treatment of the "suicide disease". *Acta Neurochirurgica*, **2011**, 153, 1043-50 3 17
- 247 Hubert von Luschka (1820-1875): his life, discoveries, and contributions to our understanding of the nervous system. *Journal of Neurosurgery*, **2011**, 114, 268-72 3.2 17
- 246 Intraoperative and anatomical descriptions of intracranial connections between the glossopharyngeal and vagus nerves: clinical implications. *Journal of Neurosurgery*, **2011**, 115, 179-81 3.2 17
- 245 Morphometry of the outlet of the foramen magnum in crania with atlantooccipital fusion. *Journal of Neurosurgery: Spine*, **2011**, 15, 55-9 2.8 17
- 244 Dural arteriovenous fistulas presenting with brainstem dysfunction: diagnosis and surgical treatment. *Neurosurgical Focus*, **2012**, 32, E10 4.2 17
- 243 The use of intraoperative navigation for percutaneous procedures at the skull base including a difficult-to-access foramen ovale. *Operative Neurosurgery*, **2012**, 70, 177-80 1.6 17
- 242 A surgical technique to expand the operative corridor for supracerebellar infratentorial approaches: technical note. *Acta Neurochirurgica*, **2013**, 155, 1895-900 3 16

241	The relationship between the superior petrosal sinus and the porus trigeminus: an anatomical study. <i>Journal of Neurosurgery</i> , 2013 , 119, 1221-5	3.2	16
240	The sublime bridge: anatomy and implications in median nerve entrapment. <i>Journal of Neurosurgery</i> , 2010 , 113, 110-2	3.2	16
239	Ligament of Barkow of the craniocervical junction: its anatomy and potential clinical and functional significance. <i>Journal of Neurosurgery: Spine</i> , 2010 , 12, 619-22	2.8	16
238	Compression of the cervical internal carotid artery by the stylopharyngeus muscle: an anatomical study with potential clinical significance. Laboratory investigation. <i>Journal of Neurosurgery</i> , 2010 , 113, 881-4	3.2	16
237	Evolution of techniques for the resection of vestibular schwannomas: from saving life to saving function. <i>Journal of Neurosurgery</i> , 2009 , 110, 642-7	3.2	16
236	Median nerve branches to the pronator teres: cadaveric study with potential use in neurotization procedures to the radial nerve at the elbow. <i>Journal of Neurosurgery</i> , 2011 , 114, 253-5	3.2	16
235	Circumferential decompression of the foramen magnum for the treatment of syringomyelia associated with basilar invagination. <i>Neurosurgical Review</i> , 2004 , 27, 168-72	3.9	16
234	Transient cortical abnormalities on magnetic resonance imaging after status epilepticus: case report. <i>World Neurosurgery</i> , 2004 , 61, 479-82; discussion 482		16
233	Surgical Management of Spinal Arachnoid Cysts in Adults. <i>World Neurosurgery</i> , 2019 , 122, e1146-e1152	2.1	16
232	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
231	Cranial roots of the accessory nerve exist in the majority of adult humans. <i>Clinical Anatomy</i> , 2014 , 27, 102-7	2.5	15
230	Intradural cervical root adjacent interconnections in the normal, prefixed, and postfixed brachial plexus. <i>Journal of Neurosurgery: Spine</i> , 2009 , 11, 413-6	2.8	15
229	Neural interconnections between the nerves of the upper limb and surgical implications. <i>Journal of Neurosurgery</i> , 2011 , 114, 225-35	3.2	15
228	Cervical osteochondroma with postoperative recurrence: case report and review of the literature. <i>Childs Nervous System</i> , 2010 , 26, 101-4	1.7	15
227	Transthoracic discectomy without interbody fusion. <i>World Neurosurgery</i> , 2005 , 63, 403-8; discussion 408-9		15
226	Harvey W. Cushing and cerebrovascular surgery: Part I, Aneurysms. <i>Journal of Neurosurgery</i> , 2004 , 101, 547-52	3.2	15
225	Stereotactic radiosurgery in the treatment of metastatic disease to the brain. <i>Stereotactic and Functional Neurosurgery</i> , 1999 , 73, 60-3	1.6	15
224	Acridine Orange as a Novel Photosensitizer for Photodynamic Therapy in Glioblastoma. <i>World Neurosurgery</i> , 2018 , 114, e1310-e1315	2.1	14

223	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, 83-7	2.2	14
222	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
221	Prognostic importance of risk factors for temporal lobe epilepsy in patients undergoing surgical treatment. <i>Mayo Clinic Proceedings</i> , 2013 , 88, 332-6	6.4	14
220	Harvey Cushing's contributions to motor mapping: 1902-1912. <i>Cortex</i> , 2012 , 48, 7-14	3.8	14
219	The artery of Davidoff and Schechter: an anatomical study with neurosurgical case correlates. <i>British Journal of Neurosurgery</i> , 2013 , 27, 815-8	1	14
218	The first posterior fossa decompression for Chiari malformation: the contributions of Cornelis Joachimus van Houweninge Graftdijk and a review of the infancy of "Chiari decompression". <i>Childs Nervous System</i> , 2011 , 27, 1851-6	1.7	14
217	Techniques of intraoperative monitoring for spinal cord function: their past, present, and future directions. <i>Neurological Research</i> , 2011 , 33, 363-70	2.7	14
216	Techniques for placement of grid and strip electrodes for intracranial epilepsy surgery monitoring: Pearls and pitfalls. <i>Surgical Neurology International</i> , 2013 , 4, 98	1	14
215	Operative Anatomy of the Human Skull: A Virtual Reality Expedition. <i>Operative Neurosurgery</i> , 2018 , 15, 368-377	1.6	14
214	Clinical, Pathological, and Surgical Outcomes for Adult Pineoblastomas. <i>World Neurosurgery</i> , 2015 , 84, 1816-24	2.1	13
213	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
212	The circular sinus: an anatomic study with neurosurgical and neurointerventional applications. <i>World Neurosurgery</i> , 2014 , 82, e475-8	2.1	13
211	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
210	Blood Supply to the human spinal cord: part II. Imaging and pathology. <i>Clinical Anatomy</i> , 2015 , 28, 65-74	2.5	13
209	Three-dimensional morphometry of the A1 segment of the anterior cerebral artery with neurosurgical relevance. <i>Neurosurgery</i> , 2010 , 67, 1768-82; discussion 1782	3.2	13
208	Prospective analysis of diplopia after anterior temporal lobectomy for mesial temporal lobe sclerosis. <i>Journal of Neurosurgery</i> , 2003 , 99, 496-9	3.2	13
207	Low-pressure headaches and spinal cord herniation. Case report. <i>Journal of Neurosurgery: Spine</i> , 2003 , 98, 93-5	2.8	13
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