

Aaron A Cohen Gadol

List of Publications by Year in descending order

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Version: 2024-02-01

390
papers

9,275
citations

41258

49
h-index

82410

72
g-index

394
all docs

394
docs citations

394
times ranked

9579
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 513-524.	0.9	255
2	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, 1150-1157.	0.9	238
3	Surgical correction of a spinal arteriovenous fistula with an unusual presentation. <i>Neurosurgical Focus</i> , 2012, 33, 1.	1.0	203
4	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, 1486-1491.	3.3	183
5	Glioblastoma stem cells (GSCs) epigenetic plasticity and interconversion between differentiated non-GSCs and GSCs. <i>Genes and Diseases</i> , 2015, 2, 152-163.	1.5	176
6	Long-term outcome after epilepsy surgery for focal cortical dysplasia. <i>Journal of Neurosurgery</i> , 2004, 101, 55-65.	0.9	167
7	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, 1360-1369.	0.9	166
8	Ligaments of the craniocervical junction. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 697-709.	0.9	148
9	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.	3.3	145
10	The cranial dura mater: a review of its history, embryology, and anatomy. <i>Child's Nervous System</i> , 2012, 28, 827-837.	0.6	133
11	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, 175-185.	0.7	129
12	Spinal meningiomas in patients younger than 50 years of age: a 21-year experience. <i>Journal of Neurosurgery: Spine</i> , 2003, 98, 258-263.	0.9	108
13	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.	0.6	104
14	Technical principles and neurosurgical applications of fluorescein fluorescence using a microscope-integrated fluorescence module. <i>Acta Neurochirurgica</i> , 2013, 155, 701-706.	0.9	94
15	Resection of pituitary tumors: endoscopic versus microscopic. <i>Journal of Neuro-Oncology</i> , 2016, 130, 309-317.	1.4	92
16	Altered expression of connexin subtypes in mesial temporal lobe epilepsy in humans. <i>Journal of Neurosurgery</i> , 2006, 105, 77-87.	0.9	90
17	Anatomy and Pathology of the Cranial Emissary Veins. <i>Neurosurgery</i> , 2012, 70, 1312-1319.	0.6	85
18	Endovascular treatment of an internal carotid artery pseudoaneurysm following transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2002, 96, 624-627.	0.9	83

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19	The <sc>C</sc>hiari malformations: A review with emphasis on anatomical traits. <i>Clinical Anatomy</i> , 2015, 28, 184-194.	1.5	81
20	Microvascular decompression surgery for trigeminal neuralgia and hemifacial spasm: Naunces of the technique based on experiences with 100 patients and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 844-853.	0.6	78
21	Factors associated with burnout among US neurosurgery residents: a nationwide survey. <i>Journal of Neurosurgery</i> , 2018, 129, 1349-1363.	0.9	77
22	Spinal Cord Biopsy: A Review of 38 Cases. <i>Neurosurgery</i> , 2003, 52, 806-816.	0.6	74
23	Coexistence of intracranial and spinal cavernous malformations: a study of prevalence and natural history. <i>Journal of Neurosurgery</i> , 2006, 104, 376-381.	0.9	70
24	Surgery for extratemporal nonlesional epilepsy in children: a meta-analysis. <i>Child's Nervous System</i> , 2010, 26, 945-951.	0.6	70
25	The intracranial arachnoid mater. <i>Child's Nervous System</i> , 2013, 29, 17-33.	0.6	70
26	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, 356-359.	0.9	69
27	Normal magnetic resonance imaging and medial temporal lobe epilepsy: the clinical syndrome of paradoxical temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2005, 102, 902-909.	0.9	68
28	Blood supply to the human spinal cord: Part I. Anatomy and hemodynamics. <i>Clinical Anatomy</i> , 2015, 28, 52-64.	1.5	68
29	The Innervation of the Cranial Dura Mater: Neurosurgical Case Correlates and a Review of the Literature. <i>World Neurosurgery</i> , 2012, 78, 505-510.	0.7	67
30	Granular Cell Tumor of the Sellar and Suprasellar Region: Clinicopathologic Study of 11 Cases and Literature Review. <i>Mayo Clinic Proceedings</i> , 2003, 78, 567-573.	1.4	64
31	Cavum velum interpositum, cavum septum pellucidum, and cavum vergae: a review. <i>Child's Nervous System</i> , 2011, 27, 1927-1930.	0.6	64
32	Peripheral facial nerve communications and their clinical implications. <i>Clinical Anatomy</i> , 2011, 24, 10-18.	1.5	64
33	The human calvaria: a review of embryology, anatomy, pathology, and molecular development. <i>Child's Nervous System</i> , 2012, 28, 23-31.	0.6	64
34	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.	1.4	63
35	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, 1071-1075.	0.9	61
36	Vasovagal syncope in the Canon of Avicenna: The first mention of carotid artery hypersensitivity. <i>International Journal of Cardiology</i> , 2009, 134, 297-301.	0.8	60

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37	Differential Lipid Profiles of Normal Human Brain Matter and Gliomas by Positive and Negative Mode Desorption Electrospray Ionization " Mass Spectrometry Imaging. PLoS ONE, 2016, 11, e0163180.	1.1	60
38	The Nervus Intermedius: A Review of Its Anatomy, Function, Pathology, and Role in Neurosurgery. World Neurosurgery, 2013, 79, 763-767.	0.7	58
39	Mesial temporal lobe epilepsy: a proton magnetic resonance spectroscopy study and a histopathological analysis. Journal of Neurosurgery, 2004, 101, 613-620.	0.9	57
40	Retroclival Epidural Hematomas. Neurosurgery, 2010, 67, 404-407.	0.6	56
41	Selective peripheral denervation for the treatment of intractable spasmodic torticollis: experience with 168 patients at the Mayo Clinic. Journal of Neurosurgery, 2003, 98, 1247-1254.	0.9	55
42	Nonlesional central lobule seizures: use of awake cortical mapping and subdural grid monitoring for resection of seizure focus. Journal of Neurosurgery, 2003, 98, 1255-1262.	0.9	54
43	Cushing's first case of transsphenoidal surgery: the launch of the pituitary surgery era. Journal of Neurosurgery, 2005, 103, 570-574.	0.9	54
44	A long-term study of durability and risk factors for aneurysm recurrence after microsurgical clip ligation. Journal of Neurosurgery, 2017, 126, 819-824.	0.9	54
45	Harvey Cushing and Oskar Hirsch: early forefathers of modern transsphenoidal surgery. Journal of Neurosurgery, 2005, 103, 1096-1104.	0.9	52
46	Virtual interactive presence for real-time, long-distance surgical collaboration during complex microsurgical procedures. Journal of Neurosurgery, 2014, 121, 277-284.	0.9	52
47	Synovial cysts of the thoracic spine. Journal of Neurosurgery: Spine, 2004, 1, 52-57.	0.9	51
48	A prospective comparative study of microscope-integrated intraoperative fluorescein and indocyanine videoangiography for clip ligation of complex cerebral aneurysms. Journal of Neurosurgery, 2015, 122, 618-626.	0.9	51
49	Long-term incidence of subaxial cervical spine instability following cervical arthrodesis surgery in patients with rheumatoid arthritis. World Neurosurgery, 2006, 66, 136-140.	1.3	50
50	Surgery for extratemporal nonlesional epilepsy in adults: an outcome meta-analysis. Acta Neurochirurgica, 2010, 152, 1299-1305.	0.9	50
51	Phase I trial: safety and feasibility of intracranial electroencephalography using hybrid subdural electrodes containing macro- and microelectrode arrays. Neurosurgical Focus, 2008, 25, E23.	1.0	49
52	Wormian bones: A review. Clinical Anatomy, 2013, 26, 922-927.	1.5	49
53	Minimally Invasive Approaches for Anterior Skull Base Meningiomas: Supraorbital Eyebrow, Endoscopic Endonasal, or a Combination of Both? Anatomic Study, Limitations, and Surgical Application. World Neurosurgery, 2018, 112, e666-e674.	0.7	49
54	Intraventricular baclofen as an alternative to intrathecal baclofen for intractable spasticity or dystonia: outcomes and technical considerations. Journal of Neurosurgery: Pediatrics, 2012, 10, 315-319.	0.8	48

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55	Persistent fetal intracranial arteries: a comprehensive review of anatomical and clinical significance. <i>Journal of Neurosurgery</i> , 2011, 114, 1127-1134.	0.9	47
56	Study of the cervical plexus innervation of the trapezius muscle. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 626-629.	0.9	47
57	Transient postictal magnetic resonance imaging abnormality of the corpus callosum in a patient with epilepsy. <i>Journal of Neurosurgery</i> , 2002, 97, 714-717.	0.9	46
58	Middle cerebral artery aneurysms in children: case series and review. <i>Journal of Neurosurgery: Pediatrics</i> , 2011, 8, 79-89.	0.8	46
59	Minitubular Transcortical Microsurgical Approach for Gross Total Resection of Third Ventricular Colloid Cysts: Technique and Assessment. <i>World Neurosurgery</i> , 2013, 79, 207.e7-207.e10.	0.7	45
60	Segmental cutaneous hemangioma and spinal arteriovenous malformation (Cobb syndrome). <i>Journal of Neurosurgery: Spine</i> , 2005, 3, 249-252.	0.9	44
61	Surgical and anatomical landmarks for the perineal branch of the posterior femoral cutaneous nerve: implications in perineal pain syndromes. <i>Journal of Neurosurgery</i> , 2009, 111, 332-335.	0.9	44
62	Morphometric Analysis of the Foramen Magnum. <i>Neurosurgery</i> , 2010, 66, 385-388.	0.6	44
63	Treatment and Outcomes Among 102 Posterior Inferior Cerebellar Artery Aneurysms: A Comparison of Endovascular and Microsurgical Clip Ligation. <i>World Neurosurgery</i> , 2015, 83, 784-793.	0.7	42
64	Vision of the future: initial experience with intraoperative real-time high-resolution dynamic infrared imaging. <i>Journal of Neurosurgery</i> , 2002, 97, 1460-1471.	0.9	41
65	Regional energetic dysfunction in hippocampal epilepsy. <i>Acta Neurologica Scandinavica</i> , 2005, 111, 218-224.	1.0	41
66	Is There a Shortage of Neurosurgeons in the United States?. <i>Neurosurgery</i> , 2013, 73, 354-366.	0.6	41
67	Endoscopic endonasal resection of skull base chondrosarcomas: technique and early results. <i>Journal of Neurosurgery</i> , 2015, 122, 735-742.	0.9	40
68	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.	0.9	39
69	Supraorbital Keyhole Approach: Lessons Learned from 106 Operative Cases. <i>World Neurosurgery</i> , 2019, 124, e667-e674.	0.7	39
70	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.	1.7	38
71	Confirmation of research publications reported by neurological surgery residency applicants. <i>World Neurosurgery</i> , 2003, 60, 280-283.	1.3	36
72	Battling blood loss in neurosurgery: Harvey Cushing's embrace of electrosurgery. <i>Journal of Neurosurgery</i> , 2005, 102, 745-752.	0.9	36

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73	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, 71-75.	0.9	36
74	High-resolution direct microstimulation mapping of spinal cord motor pathways during resection of an intramedullary tumor. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 205-210.	0.9	36
75	Proton therapy for atypical meningiomas. <i>Journal of Neuro-Oncology</i> , 2015, 123, 123-128.	1.4	36
76	Surgical Treatment of 127 Anterior Choroidal Artery Aneurysms A Cohort Study of Resultant Ischemic Complications. <i>Neurosurgery</i> , 2013, 73, 933-940.	0.6	35
77	Immersive Three-Dimensional Modeling and Virtual Reality for Enhanced Visualization of Operative Neurosurgical Anatomy. <i>World Neurosurgery</i> , 2019, 131, 313-320.	0.7	35
78	Migration of a distal shunt catheter into the heart and pulmonary artery: report of a case and review of the literature. <i>Child's Nervous System</i> , 2010, 26, 1113-1116.	0.6	34
79	A method to map the visual cortex during an awake craniotomy. <i>Journal of Neurosurgery</i> , 2011, 114, 922-926.	0.9	34
80	Risk of hemorrhage from de novo cerebral aneurysms. <i>Journal of Neurosurgery</i> , 2013, 118, 58-62.	0.9	34
81	The Application of FLOW 800 ICG Videoangiography Color Maps for Neurovascular Surgery and Intraoperative Decision Making. <i>World Neurosurgery</i> , 2019, 122, e186-e197.	0.7	34
82	Neurostimulation Therapy for Epilepsy: Current Modalities and Future Directions. <i>Mayo Clinic Proceedings</i> , 2003, 78, 238-248.	1.4	33
83	Radiosurgery for arteriovenous malformations in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 104, 388-391.	0.8	33
84	VARIANT INTRANEURAL VEIN-TRIGEMINAL NERVE RELATIONSHIPS. <i>Neurosurgery</i> , 2009, 65, 958-961.	0.6	33
85	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, 926-931.	0.9	32
86	Arachidonic acid induces brain endothelial cell apoptosis via p38-MAPK and intracellular calcium signaling. <i>Microvascular Research</i> , 2015, 98, 145-158.	1.1	32
87	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, 269-276.	0.9	31
88	The evolution of Harvey Cushing's surgical approach to pituitary tumors from transsphenoidal to transfrontal. <i>Journal of Neurosurgery</i> , 2005, 103, 372-377.	0.9	30
89	Surgical anatomy and quantitation of the branches of the V2 and V3 segments of the vertebral artery. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 84-87.	0.9	30
90	Extramedullary spinal ependymoma: A diagnostic challenge and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 661-664.	0.6	30

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91	Intraoperative stereoscopic 3D video imaging: pushing the boundaries of surgical visualisation and applications for neurosurgical education. <i>British Journal of Neurosurgery</i> , 2012, 26, 662-667.	0.4	30
92	Virtual, 3-Dimensional Temporal Bone Model and Its Educational Value for Neurosurgical Trainees. <i>World Neurosurgery</i> , 2019, 122, e1412-e1415.	0.7	30
93	Compression of the cervical internal carotid artery by the stylopharyngeus muscle: an anatomical study with potential clinical significance. <i>Journal of Neurosurgery</i> , 2010, 113, 881-884.	0.9	29
94	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.	0.9	29
95	Classification and clinical anatomy of the first spinal nerve: surgical implications. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 390-394.	0.9	28
96	Korbinian Brodmann (1868-1918) and His Contributions to Mapping the Cerebral Cortex. <i>Neurosurgery</i> , 2011, 68, 6-11.	0.6	28
97	Incidence, Epidemiology, and Treatment of Aneurysmal Subarachnoid Hemorrhage in 12 Midwest Communities. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 1073-1082.	0.7	28
98	The Role of MDM2 in Promoting Genome Stability versus Instability. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2216.	1.8	28
99	Primary Skull Base Chondrosarcomas: A Systematic Review. <i>Cancers</i> , 2021, 13, 5960.	1.7	28
100	Hans Chiari (1851-1916). <i>Journal of Neurology</i> , 2010, 257, 1218-1220.	1.8	27
101	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, 929-933.	0.9	27
102	Acridine Orange as a Novel Photosensitizer for Photodynamic Therapy in Glioblastoma. <i>World Neurosurgery</i> , 2018, 114, e1310-e1315.	0.7	27
103	Surgical Management of Spinal Arachnoid Cysts in Adults. <i>World Neurosurgery</i> , 2019, 122, e1146-e1152.	0.7	27
104	Non-enhancing de novo glioblastoma: report of two cases. <i>Neurosurgical Review</i> , 2004, 27, 281-5.	1.2	26
105	Feasibility of ventricular expansion postmortem: a novel laboratory model for neurosurgical training that simulates intraventricular endoscopic surgery. <i>Journal of Neurosurgery</i> , 2009, 111, 1165-1167.	0.9	26
106	Dural arteriovenous fistulas presenting with brainstem dysfunction: diagnosis and surgical treatment. <i>Neurosurgical Focus</i> , 2012, 32, E10.	1.0	26
107	Dogs are man's best friend: in sickness and in health. <i>Neuro-Oncology</i> , 2016, 19, now109.	0.6	26
108	Comparison of endovascular and microsurgical management of 208 basilar apex aneurysms. <i>Journal of Neurosurgery</i> , 2017, 127, 1342-1352.	0.9	26

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109	Use of an anteromedial subdural strip electrode in the evaluation of medial temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2003, 99, 921-923.	0.9	25
110	Anatomy of the palmar branch of the ulnar nerve: application to ulnar and median nerve decompressive surgery. <i>Journal of Neurosurgery</i> , 2011, 114, 263-267.	0.9	25
111	Trautmann's triangle anatomy with application to posterior transpetrosal and other related skull base procedures. <i>Clinical Anatomy</i> , 2014, 27, 994-998.	1.5	25
112	Pituitary macroadenoma causing symptomatic internal carotid artery compression: Surgical treatment through transsphenoidal tumor resection. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 541-546.	0.8	25
113	Utility of neurological smears for intrasurgical brain cancer diagnostics and tumour cell percentage by DESI-MS. <i>Analyst, The</i> , 2017, 142, 449-454.	1.7	25
114	Operative Anatomy of the Human Skull: A Virtual Reality Expedition. <i>Operative Neurosurgery</i> , 2018, 15, 368-377.	0.4	25
115	Hemodynamics of Cerebral Aneurysms: Connecting Medical Imaging and Biomechanical Analysis. <i>Annual Review of Biomedical Engineering</i> , 2020, 22, 231-256.	5.7	25
116	The petrosal nerves: Anatomy, pathology, and surgical considerations. <i>Clinical Anatomy</i> , 2009, 22, 537-544.	1.5	24
117	The sublime bridge: anatomy and implications in median nerve entrapment. <i>Journal of Neurosurgery</i> , 2010, 113, 110-112.	0.9	24
118	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". <i>Acta Neurochirurgica</i> , 2011, 153, 1043-1050.	0.9	24
119	The Use of Intraoperative Navigation for Percutaneous Procedures at the Skull Base Including a Difficult-to-Access Foramen Ovale. <i>Operative Neurosurgery</i> , 2012, 70, ons177-ons180.	0.4	24
120	Remote contralateral intraparenchymal hemorrhage after overdrainage of a chronic subdural hematoma. <i>International Journal of Surgery Case Reports</i> , 2013, 4, 834-836.	0.2	24
121	Anatomy of the inferior petrosal 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.	1.5	24
122	Endoscopic endonasal clip ligation of cerebral aneurysms: an anatomical feasibility study and future directions. <i>Journal of Neurosurgery</i> , 2016, 124, 463-468.	0.9	24
123	Low-pressure headaches and spinal cord herniation. <i>Journal of Neurosurgery: Spine</i> , 2003, 98, 93-95.	0.9	23
124	Central nervous system superficial siderosis following spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 206-208.	0.9	23
125	Ligament of Barkow of the craniocervical junction: its anatomy and potential clinical and functional significance. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 619-622.	0.9	23
126	Intraoperative fluorescence for resection of hemangioblastomas. <i>Acta Neurochirurgica</i> , 2013, 155, 1287-1292.	0.9	23

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127	Posterior interhemispheric transfalcine transprecuneus approach for microsurgical resection of peritrial lesions: indications, technique, and outcomes. <i>Journal of Neurosurgery</i> , 2015, 123, 1045-1054.	0.9	23
128	Harvey W. Cushing and cerebrovascular surgery: Part I, aneurysms. <i>Journal of Neurosurgery</i> , 2004, 101, 547-552.	0.9	22
129	Transthoracic discectomy without interbody fusion. <i>World Neurosurgery</i> , 2005, 63, 403-408.	1.3	22
130	The relationship between the superior petrosal sinus and the porus trigeminus: an anatomical study. <i>Journal of Neurosurgery</i> , 2013, 119, 1221-1225.	0.9	22
131	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, 83-87.	0.8	22
132	Techniques for placement of grid and strip electrodes for intracranial epilepsy surgery monitoring: Pearls and pitfalls. , 2013, 4, 98.		22
133	Harvey Cushing's contributions to motor mapping: 1902-1912. <i>Cortex</i> , 2012, 48, 7-14.	1.1	21
134	Cranial roots of the accessory nerve exist in the majority of adult humans. <i>Clinical Anatomy</i> , 2014, 27, 102-107.	1.5	21
135	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, 147-151.	0.9	21
136	A system for detecting high impact-low frequency mutations in primary tumors and metastases. <i>Oncogene</i> , 2018, 37, 185-196.	2.6	21
137	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.	2.1	21
138	Prospective analysis of diplopia after anterior temporal lobectomy for mesial temporal lobe sclerosis. <i>Journal of Neurosurgery</i> , 2003, 99, 496-499.	0.9	20
139	Circumferential decompression of the foramen magnum for the treatment of syringomyelia associated with basilar invagination. <i>Neurosurgical Review</i> , 2004, 27, 168-72.	1.2	20
140	Hubert von Luschka (1820-1875): his life, discoveries, and contributions to our understanding of the nervous system. <i>Journal of Neurosurgery</i> , 2011, 114, 268-272.	0.9	20
141	Félix Vicq d'Azyr (1746-1794): early founder of neuroanatomy and royal French physician. <i>Child's Nervous System</i> , 2011, 27, 1031-1034.	0.6	20
142	The artery of Davidoff and Schechter: an anatomical study with neurosurgical case correlates. <i>British Journal of Neurosurgery</i> , 2013, 27, 815-818.	0.4	20
143	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, 303-305.	0.6	20
144	Technical strategies for the transcallosal transforaminal approach to third ventricle tumors: expanding the operative corridor. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 14, 365-371.	0.8	20

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145	Intraoperative assessment of isocitrate dehydrogenase mutation status in human gliomas using desorption electrospray ionization-mass spectrometry. <i>Journal of Neurosurgery</i> , 2020, 132, 180-187.	0.9	20
146	Transient cortical abnormalities on magnetic resonance imaging after status epilepticus. <i>World Neurosurgery</i> , 2004, 61, 479-482.	1.3	19
147	ROOTS OF NEUROANATOMY, NEUROLOGY, AND NEUROSURGERY AS FOUND IN THE BIBLE AND TALMUD. <i>Neurosurgery</i> , 2008, 63, 156-163.	0.6	19
148	Evolution of techniques for the resection of vestibular schwannomas: from saving life to saving function. <i>Journal of Neurosurgery</i> , 2009, 110, 642-647.	0.9	19
149	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, 253-255.	0.9	19
150	Morphometry of the outlet of the foramen magnum in crania with atlantooccipital fusion. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 55-59.	0.9	19
151	Neural interconnections between the nerves of the upper limb and surgical implications. <i>Journal of Neurosurgery</i> , 2011, 114, 225-235.	0.9	19
152	Dorello Canal Revisited: An Observation that Potentially Explains the Frequency of Abducens Nerve Injury After Head Injury. <i>World Neurosurgery</i> , 2012, 77, 119-121.	0.7	19
153	Enhanced anticancer properties of lomustine in conjunction with docosahexaenoic acid in glioblastoma cell lines. <i>Journal of Neurosurgery</i> , 2015, 122, 547-556.	0.9	19
154	In Vivo Microscopy in Neurosurgical Oncology. <i>World Neurosurgery</i> , 2018, 115, 110-127.	0.7	19
155	Cerebral circulation time derived from fMRI signals in large blood vessels. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1504-1513.	1.9	19
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