

Aaron A Cohen-Gadol

List of Publications by Year in descending order

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Version: 2024-02-01

226
papers

6,335
citations

66343

42
h-index

106344

65
g-index

226
all docs

226
docs citations

226
times ranked

6876
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.	1.6	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.	1.6	238
3	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.	7.1	183
4	Glioblastoma stem cells (GSCs) epigenetic plasticity and interconversion between differentiated non-GSCs and GSCs. <i>Genes and Diseases</i> , 2015, 2, 152-163.	3.4	176
5	Long-term outcome after epilepsy surgery for focal cortical dysplasia. <i>Journal of Neurosurgery</i> , 2004, 101, 55-65.	1.6	167
6	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.	1.6	166
7	Ligaments of the craniocervical junction. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 697-709.	1.7	148
8	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.	7.1	145
9	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.	1.3	129
10	Spinal meningiomas in patients younger than 50 years of age: a 21-year experience. <i>Journal of Neurosurgery: Spine</i> , 2003, 98, 258-263.	1.7	108
11	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.	1.1	104
12	Technical principles and neurosurgical applications of fluorescein fluorescence using a microscope-integrated fluorescence module. <i>Acta Neurochirurgica</i> , 2013, 155, 701-706.	1.7	94
13	Current neurosurgical management of glossopharyngeal neuralgia and technical nuances for microvascular decompression surgery. <i>Neurosurgical Focus</i> , 2013, 34, E8.	2.3	84
14	The <sc>C</sc>hiari malformations: A review with emphasis on anatomical traits. <i>Clinical Anatomy</i> , 2015, 28, 184-194.	2.7	81
15	Reirradiation of Recurrent and Second Primary Head and Neck Cancer With Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 808-819.	0.8	80
16	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, 844-853.	1.4	78
17	Spinal Cord Biopsy: A Review of 38 Cases. <i>Neurosurgery</i> , 2003, 52, 806-816.	1.1	74
18	Coexistence of intracranial and spinal cavernous malformations: a study of prevalence and natural history. <i>Journal of Neurosurgery</i> , 2006, 104, 376-381.	1.6	70

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19	Surgery for extratemporal nonlesional epilepsy in children: a meta-analysis. <i>Child's Nervous System</i> , 2010, 26, 945-951.	1.1	70
20	The intracranial arachnoid mater. <i>Child's Nervous System</i> , 2013, 29, 17-33.	1.1	70
21	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.	1.6	68
22	The Innervation of the Cranial Dura Mater: Neurosurgical Case Correlates and a Review of the Literature. <i>World Neurosurgery</i> , 2012, 78, 505-510.	1.3	67
23	The innervation of the scalp: A comprehensive review including anatomy, pathology, and neurosurgical correlates. , 2011, 2, 178.		65
24	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.	3.0	64
25	Peripheral facial nerve communications and their clinical implications. <i>Clinical Anatomy</i> , 2011, 24, 10-18.	2.7	64
26	Enhanced classical complement pathway activation and altered phagocytosis signaling molecules in human epilepsy. <i>Experimental Neurology</i> , 2017, 295, 184-193.	4.1	62
27	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.	1.7	61
28	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.	2.5	60
29	Mesial temporal lobe epilepsy: a proton magnetic resonance spectroscopy study and a histopathological analysis. <i>Journal of Neurosurgery</i> , 2004, 101, 613-620.	1.6	57
30	Editorial. Innovations in neurosurgical education during the COVID-19 pandemic: is it time to reexamine our neurosurgical training models?. <i>Journal of Neurosurgery</i> , 2020, 133, 14-15.	1.6	57
31	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, 1247-1254.	1.6	55
32	Outcomes in transcranial microsurgery versus extended endoscopic endonasal approach for primary resection of adult craniopharyngiomas. <i>Neurosurgical Focus</i> , 2016, 41, E6.	2.3	55
33	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, 1255-1262.	1.6	54
34	Cushing's first case of transsphenoidal surgery: the launch of the pituitary surgery era. <i>Journal of Neurosurgery</i> , 2005, 103, 570-574.	1.6	54
35	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.	1.6	54
36	Harvey Cushing and Oskar Hirsch: early forefathers of modern transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2005, 103, 1096-1104.	1.6	52

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37	The prefixed and postfixed brachial plexus: a review with surgical implications. Surgical and Radiologic Anatomy, 2010, 32, 251-260.	1.2	52
38	Synovial cysts of the thoracic spine. Journal of Neurosurgery: Spine, 2004, 1, 52-57.	1.7	51
39	Surgery for extratemporal nonlesional epilepsy in adults: an outcome meta-analysis. Acta Neurochirurgica, 2010, 152, 1299-1305.	1.7	50
40	Study of the cervical plexus innervation of the trapezius muscle. Journal of Neurosurgery: Spine, 2011, 14, 626-629.	1.7	47
41	Transient postictal magnetic resonance imaging abnormality of the corpus callosum in a patient with epilepsy. Journal of Neurosurgery, 2002, 97, 714-717.	1.6	46
42	Influence of Residual Tumor Volume and Radiation Dose Coverage in Outcomes for Clival Chordoma. International Journal of Radiation Oncology Biology Physics, 2016, 95, 304-311.	0.8	45
43	Morphometric Analysis of the Foramen Magnum. Neurosurgery, 2010, 66, 385-388.	1.1	44
44	Treatment and Outcomes Among 102 Posterior Inferior Cerebellar Artery Aneurysms: A Comparison of Endovascular and Microsurgical Clip Ligation. World Neurosurgery, 2015, 83, 784-793.	1.3	42
45	Combination therapy in a xenograft model of glioblastoma: enhancement of the antitumor activity of temozolomide by an MDM2 antagonist. Journal of Neurosurgery, 2017, 126, 446-459.	1.6	39
46	Surgical Anatomy Of Dural Defects In Spontaneous Spinal Cerebrospinal Fluid Leaks. Operative Neurosurgery, 2006, 58, ONS-238-ONS-245.	0.8	38
47	Analysis of human gliomas by swab touch spray-mass spectrometry: applications to intraoperative assessment of surgical margins and presence of oncometabolites. Analyst, The, 2017, 142, 4058-4066.	3.5	38
48	Confirmation of research publications reported by neurological surgery residency applicants. World Neurosurgery, 2003, 60, 280-283.	1.3	36
49	Battling blood loss in neurosurgery: Harvey Cushing's embrace of electrosurgery. Journal of Neurosurgery, 2005, 102, 745-752.	1.6	36
50	Anatomical study of the third occipital nerve and its potential role in occipital headache/neck pain following midline dissections of the craniocervical junction. Journal of Neurosurgery: Spine, 2011, 15, 71-75.	1.7	36
51	The extended supracerebellar transtentorial approach for resection of medial tentorial meningiomas. , 2014, 5, 35.		36
52	Migration of a distal shunt catheter into the heart and pulmonary artery: report of a case and review of the literature. Child's Nervous System, 2010, 26, 1113-1116.	1.1	34
53	A method to map the visual cortex during an awake craniotomy. Journal of Neurosurgery, 2011, 114, 922-926.	1.6	34
54	Risk of hemorrhage from de novo cerebral aneurysms. Journal of Neurosurgery, 2013, 118, 58-62.	1.6	34

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55	The Application of FLOW 800 ICG Videoangiography Color Maps for Neurovascular Surgery and Intraoperative Decision Making. World Neurosurgery, 2019, 122, e186-e197.	1.3	34
56	Neurostimulation Therapy for Epilepsy: Current Modalities and Future Directions. Mayo Clinic Proceedings, 2003, 78, 238-248.	3.0	33
57	Radiosurgery for arteriovenous malformations in children. Journal of Neurosurgery: Pediatrics, 2006, 104, 388-391.	1.3	33
58	Emerging targets for glioblastoma stem cell therapy. Journal of Biomedical Research, 2016, 30, 19.	1.6	33
59	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. Journal of Neurosurgery, 2004, 101, 926-931.	1.6	32
60	Lateral supracerebellar infratentorial approach for microsurgical resection of large midline pineal region tumors: techniques to expand the operative corridor. Journal of Neurosurgery, 2016, 124, 269-276.	1.6	31
61	The Neurosurgical Atlas: advancing neurosurgical education in the digital age. Neurosurgical Focus, 2020, 48, E17.	2.3	31
62	The arcade of Struthers: An anatomical study with potential neurosurgical significance. , 2011, 2, 184.		31
63	The evolution of Harvey Cushing's surgical approach to pituitary tumors from transsphenoidal to transfrontal. Journal of Neurosurgery, 2005, 103, 372-377.	1.6	30
64	Virtual, 3-Dimensional Temporal Bone Model and Its Educational Value for Neurosurgical Trainees. World Neurosurgery, 2019, 122, e1412-e1415.	1.3	30
65	Assessment of Factors Associated With Internal Carotid Injury in Expanded Endoscopic Endonasal Skull Base Surgery. JAMA Otolaryngology - Head and Neck Surgery, 2020, 146, 364.	2.2	30
66	SURFACE LANDMARKS FOR THE JUNCTION BETWEEN THE TRANSVERSE AND SIGMOID SINUSES. Operative Neurosurgery, 2009, 65, ons37-ons41.	0.8	29
67	Sulforaphane suppresses the growth of glioblastoma cells, glioblastoma stem cell-like spheroids, and tumor xenografts through multiple cell signaling pathways. Journal of Neurosurgery, 2017, 127, 1219-1230.	1.6	29
68	Classification and clinical anatomy of the first spinal nerve: surgical implications. Journal of Neurosurgery: Spine, 2009, 10, 390-394.	1.7	28
69	Incidence, Epidemiology, and Treatment of Aneurysmal Subarachnoid Hemorrhage in 12 Midwest Communities. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 1073-1082.	1.6	28
70	The Role of MDM2 in Promoting Genome Stability versus Instability. International Journal of Molecular Sciences, 2017, 18, 2216.	4.1	28
71	Primary Skull Base Chondrosarcomas: A Systematic Review. Cancers, 2021, 13, 5960.	3.7	28
72	Acridine Orange as a Novel Photosensitizer for Photodynamic Therapy in Glioblastoma. World Neurosurgery, 2018, 114, e1310-e1315.	1.3	27

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73	Delayed central nervous system superficial siderosis following brachial plexus avulsion injury. <i>Neurosurgical Focus</i> , 2004, 16, 1-6.	2.3	26
74	Non-enhancing de novo glioblastoma: report of two cases. <i>Neurosurgical Review</i> , 2004, 27, 281-5.	2.4	26
75	A prospective study of microscope-integrated intraoperative fluorescein videoangiography during arteriovenous malformation surgery: preliminary results. <i>Neurosurgical Focus</i> , 2014, 36, E15.	2.3	26
76	Use of an anteromedial subdural strip electrode in the evaluation of medial temporal lobe epilepsy. <i>Journal of Neurosurgery</i> , 2003, 99, 921-923.	1.6	25
77	Pituitary macroadenoma causing symptomatic internal carotid artery compression: Surgical treatment through transsphenoidal tumor resection. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 541-546.	1.5	25
78	Hemodynamics of Cerebral Aneurysms: Connecting Medical Imaging and Biomechanical Analysis. <i>Annual Review of Biomedical Engineering</i> , 2020, 22, 231-256.	12.3	25
79	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.	1.7	24
80	Remote contralateral intraparenchymal hemorrhage after overdrainage of a chronic subdural hematoma. <i>International Journal of Surgery Case Reports</i> , 2013, 4, 834-836.	0.6	24
81	Fluorescein Fluorescence Use in the Management of Intracranial Neoplastic and Vascular Lesions: A Review and Report of a New Technique. <i>Current Drug Discovery Technologies</i> , 2013, 10, 160-169.	1.2	24
82	Central nervous system superficial siderosis following spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 206-208.	1.7	23
83	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.	1.7	23
84	Intraoperative fluorescence for resection of hemangioblastomas. <i>Acta Neurochirurgica</i> , 2013, 155, 1287-1292.	1.7	23
85	Posterior interhemispheric transfalcine transprecuneus approach for microsurgical resection of peritrial lesions: indications, technique, and outcomes. <i>Journal of Neurosurgery</i> , 2015, 123, 1045-1054.	1.6	23
86	Harvey W. Cushing and cerebrovascular surgery: Part I, aneurysms. <i>Journal of Neurosurgery</i> , 2004, 101, 547-552.	1.6	22
87	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.	1.5	22
88	Cranial roots of the accessory nerve exist in the majority of adult humans. <i>Clinical Anatomy</i> , 2014, 27, 102-107.	2.7	21
89	Popularity of Online Multimedia Educational Resources in Neurosurgery: Insights from The Neurosurgical Atlas Project. <i>Journal of Surgical Education</i> , 2018, 75, 1615-1623.	2.5	21
90	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.	4.3	21

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91	Prospective analysis of diplopia after anterior temporal lobectomy for mesial temporal lobe sclerosis. Journal of Neurosurgery, 2003, 99, 496-499.	1.6	20
92	Hubert von Luschka (1820–1875): his life, discoveries, and contributions to our understanding of the nervous system. Journal of Neurosurgery, 2011, 114, 268-272.	1.6	20
93	Technical strategies for the transcallosal transforaminal approach to third ventricle tumors: expanding the operative corridor. Journal of Neurosurgery: Pediatrics, 2014, 14, 365-371.	1.3	20
94	Prophylactic Anticonvulsants in Intracerebral Hemorrhage. Neurocritical Care, 2017, 27, 220-228.	2.4	20
95	Intraoperative assessment of isocitrate dehydrogenase mutation status in human gliomas using desorption electrospray ionization–mass spectrometry. Journal of Neurosurgery, 2020, 132, 180-187.	1.6	20
96	Endovascular and microsurgical treatment of cerebral arteriovenous malformations: Current recommendations. , 2015, 6, 39.		20
97	Transient cortical abnormalities on magnetic resonance imaging after status epilepticus. World Neurosurgery, 2004, 61, 479-482.	1.3	19
98	Morphometry of the outlet of the foramen magnum in crania with atlantooccipital fusion. Journal of Neurosurgery: Spine, 2011, 15, 55-59.	1.7	19
99	Cerebral circulation time derived from fMRI signals in large blood vessels. Journal of Magnetic Resonance Imaging, 2019, 50, 1504-1513.	3.4	19
100	Intraoperative detection of isocitrate dehydrogenase mutations in human gliomas using a miniature mass spectrometer. Analytical and Bioanalytical Chemistry, 2019, 411, 7929-7933.	3.7	19
101	Application of Indocyanine Green During Arteriovenous Malformation Surgery: Evidence, Techniques, and Practical Pearls. Frontiers in Surgery, 2019, 6, 70.	1.4	19
102	Anterior Communicating Artery Complex Aneurysms: Anatomic Characteristics as Predictors of Surgical Outcome in 300 Cases. World Neurosurgery, 2019, 122, e896-e906.	1.3	19
103	Diagnosis and evaluation of intracranial arteriovenous malformations. , 2015, 6, 76.		19
104	Intraoperative and anatomical descriptions of intracranial connections between the glossopharyngeal and vagus nerves: clinical implications. Journal of Neurosurgery, 2011, 115, 179-181.	1.6	18
105	A surgical technique to expand the operative corridor for supracerebellar infratentorial approaches: technical note. Acta Neurochirurgica, 2013, 155, 1895-1900.	1.7	18
106	Large Animal Models of Glioma: Current Status and Future Prospects. Anticancer Research, 2021, 41, 5343-5353.	1.1	18
107	Early evolution of neurological surgery: conquering increased intracranial pressure, infection, and blood loss. Neurosurgical Focus, 2005, 18, 1-5.	2.3	17
108	Phosphorylation of NMDA 2B at S1303 in human glioma peritumoral tissue: implications for glioma epileptogenesis. Neurosurgical Focus, 2014, 37, E17.	2.3	17

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109	The Circular Sinus: An Anatomic Study with Neurosurgical and Neurointerventional Applications. World Neurosurgery, 2014, 82, e475-e478.	1.3	17
110	Disseminated choroid plexus papillomas in adults: A case series and review of the literature. Journal of Clinical Neuroscience, 2016, 32, 148-154.	1.5	17
111	The Posterior Transcallosal Approach to the Pineal Region and Posterior Third Ventricle: Intervinous and Paravenous Variants. Operative Neurosurgery, 2017, 13, 77-88.	0.8	17
112	Orbital Metastases: A Systematic Review of Clinical Characteristics, Management Strategies, and Treatment Outcomes. Cancers, 2022, 14, 94.	3.7	17
113	Intraoperative Anatomic Landmarks for Resection of the Amygdala during Medial Temporal Lobe Surgery. Neurosurgery, 2010, 66, 974-977.	1.1	16
114	Determining IDH-Mutational Status in Gliomas Using IDH1-R132H Antibody and Polymerase Chain Reaction. Applied Immunohistochemistry and Molecular Morphology, 2019, 27, 722-725.	1.2	16
115	Intraoperative Mass Spectrometry Platform for IDH Mutation Status Prediction, Glioma Diagnosis, and Estimation of Tumor Cell Infiltration. journal of applied laboratory medicine, The, 2021, 6, 902-916.	1.3	16
116	Esmail Jorjani (1042â€“1137) and His Descriptions of Trigeminal Neuralgia, Hemifacial Spasm, and Bell's Palsy. Neurosurgery, 2010, 67, 431-434.	1.1	15
117	Cervical osteochondroma with postoperative recurrence: case report and review of the literature. Child's Nervous System, 2010, 26, 101-104.	1.1	15
118	The intracranial denticulate ligament: anatomical study with neurosurgical significance. Journal of Neurosurgery, 2011, 114, 454-457.	1.6	15
119	Clinical, Pathological, and Surgical Outcomes for Adult Pineoblastomas. World Neurosurgery, 2015, 84, 1816-1824.	1.3	15
120	Choroid plexus of the fourth ventricle: Review and anatomic study highlighting anatomical variations. Journal of Clinical Neuroscience, 2016, 26, 79-83.	1.5	15
121	Canine (Pet Dog) Tumor Microsurgery and Intratumoral Concentration and Safety of Metronomic Chlorambucil for Spontaneous Glioma: A Phase I Clinical Trial. World Neurosurgery, 2018, 116, e534-e542.	1.3	15
122	Transsylvian selective amygdalohippocampectomy for treatment of medial temporal lobe epilepsy: Surgical technique and operative nuances to avoid complications. , 2014, 5, 133.		15
123	The development of techniques for resection of spinal cord tumors by Harvey W. Cushing. Journal of Neurosurgery: Spine, 2005, 2, 92-97.	1.7	14
124	Prognostic Importance of Risk Factors for Temporal Lobe Epilepsy in Patients Undergoing Surgical Treatment. Mayo Clinic Proceedings, 2013, 88, 332-336.	3.0	14
125	The Indusium Griseum. Neurosurgery, 2013, 73, 312-316.	1.1	14
126	Microsurgical and endoscopic approaches to the pulvinar. Journal of Neurosurgery, 2017, 127, 630-645.	1.6	14

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127	The Intramuscular Course of the Greater Occipital Nerve: Novel Findings with Potential Implications for Operative Interventions and Occipital Neuralgia. , 2014, 5, 155.		14
128	Higher Monocyte Count is Associated with 30-Day Case Fatality in Intracerebral Hemorrhage. Neurocritical Care, 2021, 34, 456-464.	2.4	13
129	A review of skin incisions and scalp flaps for the retromastoid approach and description of an alternative technique. , 2011, 2, 143.		13
130	Surgical Treatment of Trigeminal Neuralgia: A History of Early Strides Toward Curing a “Cancerous Acrimony” Neurosurgery, 2010, 67, 1419-1425.	1.1	12
131	Intrasellar ependymoma: Clinical, imaging, pathological, and surgical findings. Journal of Clinical Neuroscience, 2015, 22, 638-641.	1.5	12
132	Cushing's ulcer: Further reflections. Journal of Innovative Optical Health Sciences, 2015, 10, 87-94.	1.0	12
133	Contralateral spinal accessory nerve for ipsilateral neurotization of branches of the brachial plexus: a cadaveric feasibility study. Journal of Neurosurgery, 2011, 114, 1538-1540.	1.6	11
134	Effect of short-term μ -aminocaproic acid treatment on patients undergoing endovascular coil embolization following aneurysmal subarachnoid hemorrhage. Journal of Neurosurgery, 2017, 126, 1606-1613.	1.6	11
135	Long-term follow-up analysis of microsurgical clip ligation and endovascular coil embolization for dorsal wall blister aneurysms of the internal carotid artery. Journal of Clinical Neuroscience, 2017, 39, 72-77.	1.5	11
136	Cerebrovascular Operative Anatomy: An Immersive 3D and Virtual Reality Description. Operative Neurosurgery, 2018, 15, 613-623.	0.8	11
137	Alternative customized instrumentation and technique for percutaneous balloon compression rhizotomy for trigeminal neuralgia. Journal of Neurosurgery, 2020, 132, 1938-1941.	1.6	11
138	Sir John Struthers (1823–1899) and His Ligament and Arcade. Neurosurgery, 2010, 66, 1170-1173.	1.1	10
139	Cushing's lost cases of “radium bomb” brachytherapy for gliomas. Journal of Neurosurgery, 2010, 113, 141-148.	1.6	10
140	Histologic confirmation of neuronal cell bodies along the spinal accessory nerve. British Journal of Neurosurgery, 2014, 28, 746-749.	0.8	10
141	Supracerebellar Infratentorial and Occipital Transtentorial Approaches to the Pulvinar: Ipsilateral Versus Contralateral Corridors. Operative Neurosurgery, 2019, 16, 351-359.	0.8	10
142	The Role of Immune Checkpoint Inhibitors in Leptomeningeal Disease: A Systematic Review. Anticancer Research, 2021, 41, 5333-5342.	1.1	10
143	Recognition and evaluation of nontraumatic subarachnoid hemorrhage and ruptured cerebral aneurysm. American Family Physician, 2013, 88, 451-6.	0.1	10
144	A Novel Method for Cerebrospinal Fluid Diversion: A Cadaveric and Animal Study. Neurosurgery, 2011, 68, 491-495.	1.1	9

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145	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, 214-217.	0.8	9
146	Ventriculoiliac shunt: a cadaveric feasibility study. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 310-312.	1.3	9
147	Skull base connections between the middle meningeal and internal carotid arteries. <i>Child's Nervous System</i> , 2015, 31, 1515-1520.	1.1	9
148	Activation of death-associated protein kinase in human peritumoral tissue: A potential therapeutic target. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1655-1660.	1.5	9
149	Innovations in the Art of Microneurosurgery for Reaching Deep-Seated Cerebral Lesions. <i>World Neurosurgery</i> , 2019, 131, 321-327.	1.3	9
150	Inter-facility transfer of patients with traumatic intracranial hemorrhage and GCS 14-15: The pilot study of a screening protocol by neurosurgeon to avoid unnecessary transfers. <i>Journal of Clinical Neuroscience</i> , 2020, 81, 246-251.	1.5	9
151	Partial epilepsy presenting as episodic dyspnea: a specific network involved in limbic seizure propagation. <i>Journal of Neurosurgery</i> , 2004, 100, 565-567.	1.6	8
152	Harvey W. Cushing and cerebrovascular surgery: Part II, vascular malformations. <i>Journal of Neurosurgery</i> , 2004, 101, 553-559.	1.6	8
153	The contralateral long thoracic nerve as a donor for upper brachial plexus neurotization procedures: cadaveric feasibility study. <i>Journal of Neurosurgery</i> , 2009, 110, 749-753.	1.6	8
154	Anatomy in ancient China: <i>The Yellow Emperor's Inner Canon of Medicine</i> and Wang Qingren's <i>Correcting the Errors in the Forest of Medicine</i> . <i>Clinical Anatomy</i> , 2010, 23, 364-369.	2.7	8
155	Do Grossly Identifiable Ganglia Lie Along the Spinal Accessory Nerve? A Gross and Histologic Study with Potential Neurosurgical Significance. <i>World Neurosurgery</i> , 2012, 77, 349-351.	1.3	8
156	Modified periinsular hemispherotomy: operative anatomy and technical nuances. <i>Journal of Neurosurgery: Pediatrics</i> , 2014, 13, 332-338.	1.3	8
157	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.	0.8	8
158	Strategies to Minimize Complications During Intraoperative Aneurysmal Hemorrhage: A Personal Experience. <i>World Neurosurgery</i> , 2015, 83, 620-626.	1.3	8
159	Aging- and Tumor-Mediated Increase in CD8+CD28 ^{hi} T Cells Might Impose a Strong Barrier to Success of Immunotherapy in Glioblastoma. <i>ImmunoHorizons</i> , 2021, 5, 395-409.	1.8	8
160	Functional expression of CD73 on human natural killer cells. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 3043-3056.	4.2	8
161	Inauguration of pediatric neurosurgery by Harvey W. Cushing: his contributions to the surgery of posterior fossa tumors in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2004, 100, 225-231.	1.3	7
162	John Browne (1642-1702): Anatomist and plagiarist. <i>Clinical Anatomy</i> , 2010, 23, 1-7.	2.7	7

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