

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

76031

42
h-index

120465

65
g-index

226
all docs

226
docs citations

226
times ranked

7366
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 | 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 |
| 4 | 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 |
| 5 | Long-term outcome after epilepsy surgery for focal cortical dysplasia. <i>Journal of Neurosurgery</i> , 2004, 101, 55-65. | 0.9 | 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. | 0.9 | 166 |
| 7 | Ligaments of the craniocervical junction. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 697-709. | 0.9 | 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. | 3.3 | 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. | 0.7 | 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. | 0.9 | 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. | 0.6 | 104 |
| 12 | 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 |
| 13 | Current neurosurgical management of glossopharyngeal neuralgia and technical nuances for microvascular decompression surgery. <i>Neurosurgical Focus</i> , 2013, 34, E8. | 1.0 | 84 |
| 14 | The Chiari malformations: A review with emphasis on anatomical traits. <i>Clinical Anatomy</i> , 2015, 28, 184-194. | 1.5 | 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. | 0.4 | 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. | 0.6 | 78 |
| 17 | Spinal Cord Biopsy: A Review of 38 Cases. <i>Neurosurgery</i> , 2003, 52, 806-816. | 0.6 | 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. | 0.9 | 70 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Surgery for extratemporal nonlesional epilepsy in children: a meta-analysis. <i>Child's Nervous System</i> , 2010, 26, 945-951. | 0.6 | 70 |
| 20 | The intracranial arachnoid mater. <i>Child's Nervous System</i> , 2013, 29, 17-33. | 0.6 | 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. | 0.9 | 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. | 0.7 | 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. | 1.4 | 64 |
| 25 | Peripheral facial nerve communications and their clinical implications. <i>Clinical Anatomy</i> , 2011, 24, 10-18. | 1.5 | 64 |
| 26 | Enhanced classical complement pathway activation and altered phagocytosis signaling molecules in human epilepsy. <i>Experimental Neurology</i> , 2017, 295, 184-193. | 2.0 | 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. | 0.9 | 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. | 1.1 | 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. | 0.9 | 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. | 0.9 | 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. | 0.9 | 55 |
| 32 | Outcomes in transcranial microsurgery versus extended endoscopic endonasal approach for primary resection of adult craniopharyngiomas. <i>Neurosurgical Focus</i> , 2016, 41, E6. | 1.0 | 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. | 0.9 | 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. | 0.9 | 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. | 0.9 | 54 |
| 36 | Harvey Cushing and Oskar Hirsch: early forefathers of modern transsphenoidal surgery. <i>Journal of Neurosurgery</i> , 2005, 103, 1096-1104. | 0.9 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The prefixed and postfixed brachial plexus: a review with surgical implications. <i>Surgical and Radiologic Anatomy</i> , 2010, 32, 251-260. | 0.6 | 52 |
| 38 | Synovial cysts of the thoracic spine. <i>Journal of Neurosurgery: Spine</i> , 2004, 1, 52-57. | 0.9 | 51 |
| 39 | Surgery for extratemporal nonlesional epilepsy in adults: an outcome meta-analysis. <i>Acta Neurochirurgica</i> , 2010, 152, 1299-1305. | 0.9 | 50 |
| 40 | Study of the cervical plexus innervation of the trapezius muscle. <i>Journal of Neurosurgery: Spine</i> , 2011, 14, 626-629. | 0.9 | 47 |
| 41 | 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 |
| 42 | Influence of Residual Tumor Volume and Radiation Dose Coverage in Outcomes for Clival Chordoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 304-311. | 0.4 | 45 |
| 43 | Morphometric Analysis of the Foramen Magnum. <i>Neurosurgery</i> , 2010, 66, 385-388. | 0.6 | 44 |
| 44 | 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 |
| 45 | 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 |
| 46 | Surgical Anatomy Of Dural Defects In Spontaneous Spinal Cerebrospinal Fluid Leaks. <i>Operative Neurosurgery</i> , 2006, 58, ONS-238-ONS-245. | 0.4 | 38 |
| 47 | Analysis of human gliomas by swab touch spray-mass spectrometry: applications to intraoperative assessment of surgical margins and presence of oncometabolites. <i>Analyst</i> , 2017, 142, 4058-4066. | 1.7 | 38 |
| 48 | Confirmation of research publications reported by neurological surgery residency applicants. <i>World Neurosurgery</i> , 2003, 60, 280-283. | 1.3 | 36 |
| 49 | Battling blood loss in neurosurgery: Harvey Cushing's embrace of electrosurgery. <i>Journal of Neurosurgery</i> , 2005, 102, 745-752. | 0.9 | 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. <i>Journal of Neurosurgery: Spine</i> , 2011, 15, 71-75. | 0.9 | 36 |
| 51 | The extended supracerebellar transtentorial approach for resection of medial tentorial meningiomas. <i>Journal of Neurosurgery</i> , 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. <i>Child's Nervous System</i> , 2010, 26, 1113-1116. | 0.6 | 34 |
| 53 | A method to map the visual cortex during an awake craniotomy. <i>Journal of Neurosurgery</i> , 2011, 114, 922-926. | 0.9 | 34 |
| 54 | Risk of hemorrhage from de novo cerebral aneurysms. <i>Journal of Neurosurgery</i> , 2013, 118, 58-62. | 0.9 | 34 |

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|----|--|-----|-----------|
| 55 | 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 |
| 56 | Neurostimulation Therapy for Epilepsy: Current Modalities and Future Directions. <i>Mayo Clinic Proceedings</i> , 2003, 78, 238-248. | 1.4 | 33 |
| 57 | Radiosurgery for arteriovenous malformations in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 104, 388-391. | 0.8 | 33 |
| 58 | Emerging targets for glioblastoma stem cell therapy. <i>Journal of Biomedical Research</i> , 2016, 30, 19. | 0.7 | 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. <i>Journal of Neurosurgery</i> , 2004, 101, 926-931. | 0.9 | 32 |
| 60 | 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 |
| 61 | The Neurosurgical Atlas: advancing neurosurgical education in the digital age. <i>Neurosurgical Focus</i> , 2020, 48, E17. | 1.0 | 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. <i>Journal of Neurosurgery</i> , 2005, 103, 372-377. | 0.9 | 30 |
| 64 | Virtual, 3-Dimensional Temporal Bone Model and Its Educational Value for Neurosurgical Trainees. <i>World Neurosurgery</i> , 2019, 122, e1412-e1415. | 0.7 | 30 |
| 65 | Assessment of Factors Associated With Internal Carotid Injury in Expanded Endoscopic Endonasal Skull Base Surgery. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2020, 146, 364. | 1.2 | 30 |
| 66 | SURFACE LANDMARKS FOR THE JUNCTION BETWEEN THE TRANSVERSE AND SIGMOID SINUSES. <i>Operative Neurosurgery</i> , 2009, 65, ons37-ons41. | 0.4 | 29 |
| 67 | 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 |
| 68 | Classification and clinical anatomy of the first spinal nerve: surgical implications. <i>Journal of Neurosurgery: Spine</i> , 2009, 10, 390-394. | 0.9 | 28 |
| 69 | 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 |
| 70 | The Role of MDM2 in Promoting Genome Stability versus Instability. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2216. | 1.8 | 28 |
| 71 | Primary Skull Base Chondrosarcomas: A Systematic Review. <i>Cancers</i> , 2021, 13, 5960. | 1.7 | 28 |
| 72 | Acridine Orange as a Novel Photosensitizer for Photodynamic Therapy in Glioblastoma. <i>World Neurosurgery</i> , 2018, 114, e1310-e1315. | 0.7 | 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. | 1.0 | 26 |
| 74 | Non-enhancing de novo glioblastoma: report of two cases. <i>Neurosurgical Review</i> , 2004, 27, 281-5. | 1.2 | 26 |
| 75 | A prospective study of microscope-integrated intraoperative fluorescein videoangiography during arteriovenous malformation surgery: preliminary results. <i>Neurosurgical Focus</i> , 2014, 36, E15. | 1.0 | 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. | 0.9 | 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. | 0.8 | 25 |
| 78 | Hemodynamics of Cerebral Aneurysms: Connecting Medical Imaging and Biomechanical Analysis. <i>Annual Review of Biomedical Engineering</i> , 2020, 22, 231-256. | 5.7 | 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. | 0.9 | 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. | 0.2 | 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. | 0.6 | 24 |
| 82 | Central nervous system superficial siderosis following spinal surgery. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 206-208. | 0.9 | 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. | 0.9 | 23 |
| 84 | Intraoperative fluorescence for resection of hemangioblastomas. <i>Acta Neurochirurgica</i> , 2013, 155, 1287-1292. | 0.9 | 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. | 0.9 | 23 |
| 86 | Harvey W. Cushing and cerebrovascular surgery: Part I, aneurysms. <i>Journal of Neurosurgery</i> , 2004, 101, 547-552. | 0.9 | 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. | 0.8 | 22 |
| 88 | Cranial roots of the accessory nerve exist in the majority of adult humans. <i>Clinical Anatomy</i> , 2014, 27, 102-107. | 1.5 | 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. | 1.2 | 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. | 2.1 | 21 |

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|-----|---|-----|-----------|
| 91 | 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 |
| 92 | 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 |
| 93 | 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 |
| 94 | Prophylactic Anticonvulsants in Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2017, 27, 220-228. | 1.2 | 20 |
| 95 | 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 |
| 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. <i>World Neurosurgery</i> , 2004, 61, 479-482. | 1.3 | 19 |
| 98 | 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 |
| 99 | 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 |
| 100 | Intraoperative detection of isocitrate dehydrogenase mutations in human gliomas using a miniature mass spectrometer. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7929-7933. | 1.9 | 19 |
| 101 | Application of Indocyanine Green During Arteriovenous Malformation Surgery: Evidence, Techniques, and Practical Pearls. <i>Frontiers in Surgery</i> , 2019, 6, 70. | 0.6 | 19 |
| 102 | Anterior Communicating Artery Complex Aneurysms: Anatomic Characteristics as Predictors of Surgical Outcome in 300 Cases. <i>World Neurosurgery</i> , 2019, 122, e896-e906. | 0.7 | 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. <i>Journal of Neurosurgery</i> , 2011, 115, 179-181. | 0.9 | 18 |
| 105 | A surgical technique to expand the operative corridor for supracerebellar infratentorial approaches: technical note. <i>Acta Neurochirurgica</i> , 2013, 155, 1895-1900. | 0.9 | 18 |
| 106 | Large Animal Models of Glioma: Current Status and Future Prospects. <i>Anticancer Research</i> , 2021, 41, 5343-5353. | 0.5 | 18 |
| 107 | Early evolution of neurological surgery: conquering increased intracranial pressure, infection, and blood loss. <i>Neurosurgical Focus</i> , 2005, 18, 1-5. | 1.0 | 17 |
| 108 | Phosphorylation of NMDA 2B at S1303 in human glioma peritumoral tissue: implications for glioma epileptogenesis. <i>Neurosurgical Focus</i> , 2014, 37, E17. | 1.0 | 17 |

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|-----|--|-----|-----------|
| 109 | The Circular Sinus: An Anatomic Study with Neurosurgical and Neurointerventional Applications. <i>World Neurosurgery</i> , 2014, 82, e475-e478. | 0.7 | 17 |
| 110 | Disseminated choroid plexus papillomas in adults: A case series and review of the literature. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 148-154. | 0.8 | 17 |
| 111 | The Posterior Transcallosal Approach to the Pineal Region and Posterior Third Ventricle: Intervinous and Paravenous Variants. <i>Operative Neurosurgery</i> , 2017, 13, 77-88. | 0.4 | 17 |
| 112 | Orbital Metastases: A Systematic Review of Clinical Characteristics, Management Strategies, and Treatment Outcomes. <i>Cancers</i> , 2022, 14, 94. | 1.7 | 17 |
| 113 | Intraoperative Anatomic Landmarks for Resection of the Amygdala during Medial Temporal Lobe Surgery. <i>Neurosurgery</i> , 2010, 66, 974-977. | 0.6 | 16 |
| 114 | Determining IDH-Mutational Status in Gliomas Using IDH1-R132H Antibody and Polymerase Chain Reaction. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2019, 27, 722-725. | 0.6 | 16 |
| 115 | Intraoperative Mass Spectrometry Platform for IDH Mutation Status Prediction, Glioma Diagnosis, and Estimation of Tumor Cell Infiltration. <i>Journal of Applied Laboratory Medicine</i> , 2021, 6, 902-916. | 0.6 | 16 |
| 116 | Esmail Jorjani (1042â€™1137) and His Descriptions of Trigeminal Neuralgia, Hemifacial Spasm, and Bell's Palsy. <i>Neurosurgery</i> , 2010, 67, 431-434. | 0.6 | 15 |
| 117 | Cervical osteochondroma with postoperative recurrence: case report and review of the literature. <i>Child's Nervous System</i> , 2010, 26, 101-104. | 0.6 | 15 |
| 118 | The intracranial denticulate ligament: anatomical study with neurosurgical significance. <i>Journal of Neurosurgery</i> , 2011, 114, 454-457. | 0.9 | 15 |
| 119 | Clinical, Pathological, and Surgical Outcomes for Adult Pineoblastomas. <i>World Neurosurgery</i> , 2015, 84, 1816-1824. | 0.7 | 15 |
| 120 | Choroid plexus of the fourth ventricle: Review and anatomic study highlighting anatomical variations. <i>Journal of Clinical Neuroscience</i> , 2016, 26, 79-83. | 0.8 | 15 |
| 121 | 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. | 0.7 | 15 |
| 122 | Transylvian 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. <i>Journal of Neurosurgery: Spine</i> , 2005, 2, 92-97. | 0.9 | 14 |
| 124 | Prognostic Importance of Risk Factors for Temporal Lobe Epilepsy in Patients Undergoing Surgical Treatment. <i>Mayo Clinic Proceedings</i> , 2013, 88, 332-336. | 1.4 | 14 |
| 125 | The Indusium Griseum. <i>Neurosurgery</i> , 2013, 73, 312-316. | 0.6 | 14 |
| 126 | Microsurgical and endoscopic approaches to the pulvinar. <i>Journal of Neurosurgery</i> , 2017, 127, 630-645. | 0.9 | 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. | 1.2 | 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. | 0.6 | 12 |
| 131 | Intrasellar ependymoma: Clinical, imaging, pathological, and surgical findings. Journal of Clinical Neuroscience, 2015, 22, 638-641. | 0.8 | 12 |
| 132 | Cushing's ulcer: Further reflections. Journal of Innovative Optical Health Sciences, 2015, 10, 87-94. | 0.5 | 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. | 0.9 | 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. | 0.9 | 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. | 0.8 | 11 |
| 136 | Cerebrovascular Operative Anatomy: An Immersive 3D and Virtual Reality Description. Operative Neurosurgery, 2018, 15, 613-623. | 0.4 | 11 |
| 137 | Alternative customized instrumentation and technique for percutaneous balloon compression rhizotomy for trigeminal neuralgia. Journal of Neurosurgery, 2020, 132, 1938-1941. | 0.9 | 11 |
| 138 | Sir John Struthers (1823-1899) and His Ligament and Arcade. Neurosurgery, 2010, 66, 1170-1173. | 0.6 | 10 |
| 139 | Cushing's lost cases of "radium bomb" brachytherapy for gliomas. Journal of Neurosurgery, 2010, 113, 141-148. | 0.9 | 10 |
| 140 | Histologic confirmation of neuronal cell bodies along the spinal accessory nerve. British Journal of Neurosurgery, 2014, 28, 746-749. | 0.4 | 10 |
| 141 | Supracerebellar Infratentorial and Occipital Transtentorial Approaches to the Pulvinar: Ipsilateral Versus Contralateral Corridors. Operative Neurosurgery, 2019, 16, 351-359. | 0.4 | 10 |
| 142 | The Role of Immune Checkpoint Inhibitors in Leptomeningeal Disease: A Systematic Review. Anticancer Research, 2021, 41, 5333-5342. | 0.5 | 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. | 0.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 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. | 0.4 | 9 |
| 146 | Ventriculoiliac shunt: a cadaveric feasibility study. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 310-312. | 0.8 | 9 |
| 147 | Skull base connections between the middle meningeal and internal carotid arteries. <i>Child's Nervous System</i> , 2015, 31, 1515-1520. | 0.6 | 9 |
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