

Michael E Ivan

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

4,401
citations

117625

34
h-index

133252

59
g-index

192
all docs

192
docs citations

192
times ranked

6303
citing authors

#	ARTICLE	IF	CITATIONS
1	Radical supramaximal resection for newly diagnosed left-sided eloquent glioblastoma: safety and improved survival over gross-total resection. <i>Journal of Neurosurgery</i> , 2023, 138, 62-69.	1.6	7
2	Robotic guidance platform for laser interstitial thermal ablation and stereotactic needle biopsies: a single center experience. <i>Journal of Robotic Surgery</i> , 2022, 16, 549-557.	1.8	9
3	Merlin-Deficient Schwann Cells Are More Susceptible to Radiation Injury than Normal Schwann Cells In Vitro. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, 228-236.	0.8	3
4	Intraoperative 5-ALA fluorescence-guided resection of high-grade glioma leads to greater extent of resection with better outcomes: a systematic review. <i>Journal of Neuro-Oncology</i> , 2022, 156, 233-256.	2.9	30
5	Augmented Reality for Enhancing Image-Guided Neurosurgery: Superimposing the Future onto the Present. <i>World Neurosurgery</i> , 2022, 157, 235-236.	1.3	2
6	Commentary: Syringomyelia From Extramedullary Compression: Resolution After Microsurgical Resection of a High-Cervical Spine Schwannoma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, 22, e40-e41.	0.8	0
7	Conservative Management of Post-Operative Cerebrospinal Fluid Leak following Skull Base Surgery: A Pilot Study. <i>Brain Sciences</i> , 2022, 12, 152.	2.3	3
8	Long-term seizure and psychiatric outcomes following laser ablation of mesial temporal structures. <i>Epilepsia</i> , 2022, 63, 812-823.	5.1	13
9	Perioperative Complications in Endoscopic Endonasal versus Transcranial Resections of Adult Craniopharyngiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2022, 83, .	0.8	0
10	Same-day discharge after brain tumor resection: a prospective pilot study. <i>Journal of Neuro-Oncology</i> , 2022, 157, 345-353.	2.9	8
11	Transcortical resection of a giant bilobed falcine meningioma. <i>British Journal of Neurosurgery</i> , 2022, , 1-4.	0.8	1
12	506 Evaluating Traditional and Non-Traditional Eloquent Areas in Patients with Brain Tumors: Large-scale Network Analysis Using a Machine Learning-Based Platform. <i>Neurosurgery</i> , 2022, 68, 127-127.	1.1	0
13	RAD51 Inhibitor and Radiation Toxicity in Vestibular Schwannoma. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, , 019459982210835.	1.9	0
14	A multiparametric pharmacogenomic strategy for drug repositioning predicts therapeutic efficacy for glioblastoma cell lines. <i>Neuro-Oncology Advances</i> , 2022, 4, vdab192.	0.7	0
15	The Emerging Relevance of H3K27 Trimethylation Loss in Meningioma: A Systematic Review of Recurrence and Overall Survival with Meta-Analysis. <i>World Neurosurgery</i> , 2022, 163, 87-95.e1.	1.3	4
16	Traumatic brain injury and subsequent brain tumor development: a systematic review of the literature. <i>Neurosurgical Review</i> , 2022, 45, 3003-3018.	2.4	4
17	Concurrent intraventricular intracranial myxoid mesenchymal tumor and ependymoma in a long-term Ewing sarcoma survivor. <i>Neuropathology</i> , 2022, 42, 534-539.	1.2	3
18	Telemedicine in Neurosurgery: Lessons Learned from a Systematic Review of the Literature for the COVID-19 Era and Beyond. <i>Neurosurgery</i> , 2021, 88, E1-E12.	1.1	57

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19	Commentary: Endoscopic Endonasal Approach for Resection of Suprasellar Hemangioblastoma: Selective Pituitary Sacrifice and Use of Indocyanine Dye: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 20, E48-E49.	0.8	0
20	In Reply to the Letter to the Editor Regarding "Safety Analysis of Bilateral Laser Interstitial Thermal Therapy for Treatment of Butterfly Glioma" World Neurosurgery, 2021, 147, 238.	1.3	0
21	Early Effects of COVID-19 Pandemic on Neurosurgical Training in the United States: A Case Volume Analysis of 8 Programs. <i>World Neurosurgery</i> , 2021, 145, e202-e208.	1.3	26
22	Stimulated Raman histology for rapid and accurate intraoperative diagnosis of CNS tumors: prospective blinded study. <i>Journal of Neurosurgery</i> , 2021, 134, 137-143.	1.6	23
23	When "Peripheral" Becomes "Central": Primary and Secondary Malignant Intracerebral Nerve Sheath Tumor: A Case Report and a Systematic Review. <i>Neurosurgery</i> , 2021, 88, 1074-1087.	1.1	8
24	Organoid Models of Glioblastoma and Their Role in Drug Discovery. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 605255.	3.7	31
25	Differences Between Neurosurgical Subspecialties in Telehealth Adoption. <i>World Neurosurgery</i> , 2021, 146, e323-e327.	1.3	7
26	Neuro-oncology practice guidelines from a high-volume surgeon at the COVID-19 epicenter. <i>Journal of Clinical Neuroscience</i> , 2021, 85, 1-5.	1.5	9
27	Commentary: An Update of Neuroanesthesia for Intraoperative Brain Mapping Craniotomy. <i>Neurosurgery</i> , 2021, 90, .	1.1	0
28	Commentary: Total Petrosectomy for the Total Resection of Sphenopetroclival Meningioma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E24-E25.	0.8	0
29	Intraoperative Stimulated Raman Histology for Anterior Skull Base Tumor Margins: Can We Improve Patient Survival and Time to Recurrence?. <i>World Neurosurgery</i> , 2021, 149, 265-266.	1.3	1
30	Commentary: The Infratemporal Retro-Eustachian Transposition of the Temporoparietal Fascial Flap for Clival Reconstruction After Endoscopic Endonasal Approach: An Anatomic Conceptual Technique. <i>Operative Neurosurgery</i> , 2021, 21, E171-E172.	0.8	0
31	Commentary: Concomitant Embolization and Microsurgical Resection of a Giant, Hypervascular Skull Base Meningioma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E99-E100.	0.8	0
32	Current experimental therapies for atypical and malignant meningiomas. <i>Journal of Neuro-Oncology</i> , 2021, 153, 203-210.	2.9	4
33	A Cohort Study on Prognostic Factors for Laser Interstitial Thermal Therapy Success in Newly Diagnosed Glioblastoma. <i>Neurosurgery</i> , 2021, 89, 496-503.	1.1	14
34	In Reply: Telemedicine in Neurosurgery: Lessons Learned From a Systematic Review of the Literature for the COVID-19 Era and Beyond. <i>Neurosurgery</i> , 2021, 89, E193-E193.	1.1	3
35	Rapid Intraoperative Diagnosis of Meningiomas using Stimulated Raman Histology. <i>World Neurosurgery</i> , 2021, 150, e108-e116.	1.3	9
36	Commentary: Early Experience With Virtual and Synchronized Augmented Reality Platform for Preoperative Planning and Intraoperative Navigation: A Case Series. <i>Operative Neurosurgery</i> , 2021, 21, E300-E301.	0.8	0

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37	The role of human endogenous retroviruses in gliomas: from etiological perspectives and therapeutic implications. <i>Neuro-Oncology</i> , 2021, 23, 1647-1655.	1.2	9
38	Stimulated Raman Histology for Rapid Intraoperative Diagnosis of Gliomas. <i>World Neurosurgery</i> , 2021, 150, e135-e143.	1.3	21
39	Commentary: Infra-Occipital Supra-Tentorial Approach for Resection of Low-Grade Tumor of the Left Lingual Gyrus: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E259-E260.	0.8	0
40	Commentary: Interposition Grafting of the Facial Nerve After Resection of a Large Facial Nerve Schwannoma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E342-E343.	0.8	0
41	Commentary: Transcondylar Odontoid Resection and Stabilization for Craniovertebral Degenerative Compression: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E431-E432.	0.8	0
42	A Crowdsourced Consensus on Supratotal Resection Versus Gross Total Resection for Anatomically Distinct Primary Glioblastoma. <i>Neurosurgery</i> , 2021, 89, 712-719.	1.1	19
43	Commentary: Resection of a Medulla Oblongata Hemangioblastoma: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E436-E437.	0.8	0
44	Perioperative Complications in Endoscopic Endonasal versus Transcranial Resections of Adult Craniopharyngiomas. <i>World Neurosurgery</i> , 2021, 152, e729-e737.	1.3	12
45	Is endoscopic resection a useful technique for a cavernous sinus sellar cavernoma? A case report and literature review. <i>British Journal of Neurosurgery</i> , 2021, , 1-8.	0.8	1
46	Primary Vestibular Schwannoma Cells Activate p21 and RAD51-Associated DNA Repair Following Radiation-Induced DNA Damage. <i>Otology and Neurotology</i> , 2021, 42, e1600-e1608.	1.3	3
47	Augmented reality head-mounted display-based incision planning in cranial neurosurgery: a prospective pilot study. <i>Neurosurgical Focus</i> , 2021, 51, E3.	2.3	26
48	Supralesional Ablation Volumes Are Feasible in the Posterior Fossa and May Provide Enhanced Symptomatic Relief. <i>Operative Neurosurgery</i> , 2021, 21, 418-425.	0.8	7
49	Understanding the Radiobiology of Vestibular Schwannomas to Overcome Radiation Resistance. <i>Cancers</i> , 2021, 13, 4575.	3.7	6
50	Commentary: Resection of a Dumbbell-Shaped Facial Nerve Schwannoma With Preservation of Facial Nerve Function Through the Extended Middle Fossa Approach: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E532-E533.	0.8	0
51	Primary neuroendocrine carcinoma of the jugular foramen. <i>Otolaryngology Case Reports</i> , 2021, 21, 100328.	0.1	0
52	Fluorescent Detection of Vestibular Schwannoma Using Intravenous Sodium Fluorescein In Vivo. <i>Otology and Neurotology</i> , 2021, 42, e503-e511.	1.3	5
53	Implantable brain-computer interface for neuroprosthetic-enabled volitional hand grasp restoration in spinal cord injury. <i>Brain Communications</i> , 2021, 3, fcab248.	3.3	18
54	Prognosticating survival of pineal parenchymal tumors of intermediate differentiation (PPTID) by grade. <i>Journal of Neuro-Oncology</i> , 2021, 155, 165-172.	2.9	10

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55	Haller's Ansa: An Unrecognized Route of Facial Movement After Skull Base Surgery. <i>Laryngoscope</i> , 2021, , .	2.0	0
56	Commentary: Bilateral "Rescue Strip" Technique for Endoscopic Endonasal Approaches to the Clivus. <i>Operative Neurosurgery</i> , 2021, 20, E116-E117.	0.8	1
57	Tumor-Associated Macrophages in Vestibular Schwannoma and Relationship to Hearing. <i>OTO Open</i> , 2021, 5, 2473974X211059111.	1.4	13
58	Commentary: Anatomical Variations in the Location of Veins Draining Into the Anterior Superior Sagittal Sinus: Implications for the Transbasal Approach. <i>Operative Neurosurgery</i> , 2020, 18, E205-E206.	0.8	1
59	Anatomical triangles defining routes to anterior communicating artery aneurysms: the junctional and precommunicating triangles and the role of dome projection. <i>Journal of Neurosurgery</i> , 2020, 132, 1517-1528.	1.6	15
60	Salvage craniotomy for treatment-refractory symptomatic cerebral radiation necrosis. <i>Neuro-Oncology Practice</i> , 2020, 7, 94-102.	1.6	6
61	Use of Tubular Retractors for Minimally Invasive Resection of Deep-Seated Cavernomas. <i>Operative Neurosurgery</i> , 2020, 18, 629-639.	0.8	18
62	The role of neutrophil-to-lymphocyte ratio in predicting overall survival in patients undergoing laser interstitial thermal therapy for glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 108-113.	1.5	9
63	Multifocal Intracranial Ganglioglioma in a Sexagenarian: Case Report and Review of the Current Literature. <i>World Neurosurgery</i> , 2020, 138, 498-503.	1.3	3
64	The Role of Laser Interstitial Thermal Therapy in Surgical Neuro-Oncology: Series of 100 Consecutive Patients. <i>Neurosurgery</i> , 2020, 87, 266-275.	1.1	66
65	Near real-time intraoperative brain tumor diagnosis using stimulated Raman histology and deep neural networks. <i>Nature Medicine</i> , 2020, 26, 52-58.	30.7	413
66	Multiple Iterations of Magnetic Resonance-Guided Laser Interstitial Thermal Ablation of Brain Metastases: Single Surgeon's Experience and Review of the Literature. <i>Operative Neurosurgery</i> , 2020, 19, 195-204.	0.8	16
67	Commentary: Computational Drug Repositioning Identifies Potentially Active Therapies for Chordoma. <i>Neurosurgery</i> , 2020, 88, E203-E204.	1.1	0
68	Commentary: Left Modified Orbitozygomatic Approach for Clipping of Multilobulated Middle Cerebral Artery Bifurcation Aneurysm: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E387-E388.	0.8	0
69	Impact of American Association of Neurological Surgeons Medical Student Interest Groups on Participation in Organized Neurosurgery, Research Productivity, and Residency Match Success. <i>World Neurosurgery</i> , 2020, 138, e437-e444.	1.3	27
70	Central Neurocytoma Treatment Modalities: A Systematic Review Assessing the Outcomes of Combined Maximal Safe Resection and Radiotherapy with Gross Total Resection. <i>World Neurosurgery</i> , 2020, 137, e176-e182.	1.3	15
71	Rare Tumor-to-Tumor Metastases Involving Lung Adenocarcinoma to Petroclival Meningiomas. <i>World Neurosurgery</i> , 2020, 144, 125-135.	1.3	6
72	Assessment of trends in stereotactic radiosurgery training in neurosurgery residency programs. <i>Journal of the Neurological Sciences</i> , 2020, 417, 116864.	0.6	0

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73	Laser Ablation for Cerebral Metastases. <i>Neurosurgery Clinics of North America</i> , 2020, 31, 537-547.	1.7	13
74	Commentary: Characterization of Magnetic Resonance Thermal Imaging Signal Artifact During Magnetic Resonance Guided Laser-Induced Thermal Therapy. <i>Operative Neurosurgery</i> , 2020, 19, E512-E513.	0.8	0
75	Safety Analysis of Bilateral Laser Interstitial Thermal Therapy for Treatment of Butterfly Glioma. <i>World Neurosurgery</i> , 2020, 144, e156-e163.	1.3	10
76	Commentary: Altered Motor Excitability in Patients With Diffuse Gliomas Involving Motor Eloquent Areas: The Impact of Tumor Grading. <i>Neurosurgery</i> , 2020, 88, E39-E40.	1.1	2
77	Commentary: Microsurgical Transcranial Approach of 112 Paraoptic Meningiomas: A Single-Center Case Series. <i>Operative Neurosurgery</i> , 2020, 19, E557-E558.	0.8	0
78	Utilizing systematic reviews and meta-analyses effectively to evaluate brain tumor biomarkers. <i>Biomarkers in Medicine</i> , 2020, 14, 817-820.	1.4	2
79	Complete Regression of a Solitary Cholangiocarcinoma Brain Metastasis Following Laser Interstitial Thermal Therapy. <i>World Neurosurgery</i> , 2020, 144, 94-98.	1.3	7
80	Commentary: Laser Interstitial Thermal Therapy Case Series: Choosing the Correct Number of Fibers Depending on Lesion Size. <i>Operative Neurosurgery</i> , 2020, 20, E1-E2.	0.8	1
81	Letter: Implementation of a Neurosurgery Telehealth Program Amid the COVID-19 Crisis—Challenges, Lessons Learned, and a Way Forward. <i>Neurosurgery</i> , 2020, 87, E260-E262.	1.1	16
82	Commentary: Value of the Petromeatal Angle in Predicting Outcome of Translabyrinthine Resection of Vestibular Schwannomas. <i>Operative Neurosurgery</i> , 2020, 19, E93-E94.	0.8	0
83	The prognostic significance of CDKN2A homozygous deletion in IDH-mutant lower-grade glioma and glioblastoma: a systematic review of the contemporary literature. <i>Journal of Neuro-Oncology</i> , 2020, 148, 221-229.	2.9	68
84	Resection versus biopsy in the treatment of multifocal glioblastoma: a weighted survival analysis. <i>Journal of Neuro-Oncology</i> , 2020, 148, 155-164.	2.9	19
85	Commentary: Novel Diagnostic Methods and Posttreatment Clinical Phenotypes Among Intracranial Germ Cell Tumors. <i>Neurosurgery</i> , 2020, 87, E308-E309.	1.1	0
86	Commentary: Dissection of the Petrosal Presigmoid-Retrolabyrinthine Approach for the Petroclival Region on a Cadaver: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E400-E401.	0.8	0
87	Minimally invasive resection of intracranial lesions using tubular retractors: a large, multi-surgeon, multi-institutional series. <i>Journal of Neuro-Oncology</i> , 2020, 149, 35-44.	2.9	29
88	Incidence of high grade gliomas presenting as radiographically non-enhancing lesions: experience in 111 surgically treated non-enhancing gliomas with tissue diagnosis. <i>Journal of Neuro-Oncology</i> , 2020, 147, 671-679.	2.9	15
89	Survival benefit of lobectomy for glioblastoma: moving towards radical supramaximal resection. <i>Journal of Neuro-Oncology</i> , 2020, 148, 501-508.	2.9	37
90	Hospital teaching status associated with reduced inpatient mortality and perioperative complications in surgical neuro-oncology. <i>Journal of Neuro-Oncology</i> , 2020, 146, 389-396.	2.9	24

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91	Minimally invasive keyhole temporal lobectomy approach for supramaximal glioma resection: A safety and feasibility study. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 57-62.	1.5	8
92	Commentary: Gross Total Resection of a Grade IV Astrocytoma Adjacent to the Precentral Gyrus With Nonawake Motor Mapping and Motor-Evoked Potential Monitoring: 3-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E129-E130.	0.8	0
93	Hair-sparing technique using absorbable intradermal barbed suture versus traditional closure methods in supratentorial craniotomies for tumor. <i>Acta Neurochirurgica</i> , 2020, 162, 719-727.	1.7	17
94	Radical Laser Interstitial Thermal Therapy Ablation Volumes Increase Progression-Free Survival in Biopsy-Proven Radiation Necrosis. <i>World Neurosurgery</i> , 2020, 136, e646-e659.	1.3	28
95	Letter: Surgical Management of Brain Tumor Patients in the COVID-19 Era. <i>Neurosurgery</i> , 2020, 87, E197-E200.	1.1	20
96	Geographic disparities in access to glioblastoma treatment based on Hispanic ethnicity in the United States: Insights from a national database. <i>Journal of Neuro-Oncology</i> , 2020, 147, 711-720.	2.9	17
97	Letter: Academic Neurosurgery Department Response to COVID-19 Pandemic: The University of Miami/Jackson Memorial Hospital Model. <i>Neurosurgery</i> , 2020, 87, E63-E65.	1.1	68
98	The Role of Diamox and High-Volume Lumbar Puncture for Treatment of Iatrogenic Postoperative Cerebrospinal Fluid Leak. , 2020, 81, .		1
99	Transsphenoidal Approach for Pituitary Adenomas in the Elderly: Meta-analysis of Safety and Surgical Efficacy. , 2020, 81, .		0
100	Primary Low-Grade Astrocytoma of the Spine With Secondary Cerebral Metastasis: A Case Report and Comprehensive Review of the Literature. <i>Cureus</i> , 2020, 12, e10030.	0.5	0
101	Remote Cerebellar Hemorrhage Associated With Intra-Operative Cerebrospinal Fluid Leak: A Report of Two Rare Case Presentations and Review of the Literature. <i>Cureus</i> , 2020, 12, e12082.	0.5	1
102	Commentary: Glomus Vagale Tumor Resection: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 20, E58-E59.	0.8	0
103	Laser Interstitial Thermal Therapy as a Primary Treatment for Deep Inaccessible Gliomas. <i>Neurosurgery</i> , 2019, 84, 768-777.	1.1	44
104	Towards a microRNA-based Gene Therapy for Glioblastoma. <i>Neurosurgery</i> , 2019, 85, E210-E211.	1.1	5
105	Predictive modeling of brain tumor laser ablation dynamics. <i>Journal of Neuro-Oncology</i> , 2019, 144, 193-203.	2.9	10
106	SURG-11. THE ROLE OF MAGNETIC RESONANCE-GUIDED LASER ABLATION FOR INTRACRANIAL METASTATIC TUMORS. <i>Neuro-Oncology Advances</i> , 2019, 1, i32-i33.	0.7	0
107	Analysis of intra-operative variables as predictors of 30-day readmission in patients undergoing glioma surgery at a single center. <i>Journal of Neuro-Oncology</i> , 2019, 145, 509-518.	2.9	8
108	Brain Tumor Surgery is Safe in Octogenarians and Nonagenarians: A Single-Surgeon 741 Patient Series. <i>World Neurosurgery</i> , 2019, 132, e185-e192.	1.3	22

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109	Young Neurosurgeons Committee of the American Association of Neurological Surgeons: Training Ground for Future Leaders in Organized Neurosurgery in the United States of America. <i>World Neurosurgery</i> , 2019, 123, 59-63.	1.3	9
110	Enhancing nodular lesions in Chiari II malformations in the setting of persistent hindbrain herniation: case report and literature review. <i>Child's Nervous System</i> , 2019, 35, 1239-1243.	1.1	0
111	Diagnosis of primary central nervous system lymphoma: a systematic review of the utility of CSF screening and the role of early brain biopsies. <i>Neuro-Oncology Practice</i> , 2019, 6, 415-423.	1.6	24
112	Magnetic Resonanceâ€“Guided Laser Interstitial Thermal Therapy for Mesial Temporal Epilepsy: A Case Series Analysis of Outcomes and Complications at 2-Year Follow-Up. <i>World Neurosurgery</i> , 2019, 126, e1121-e1129.	1.3	20
113	Exosomal MicroRNA in Peripheral Serum as a Noninvasive Diagnostic Biomarker for Glioblastoma. <i>Neurosurgery</i> , 2019, 85, E176-E177.	1.1	0
114	Predictors of Successful Discharge of Patients on Postoperative Day 1 After Craniotomy for Brain Tumor. <i>World Neurosurgery</i> , 2019, 126, e869-e877.	1.3	38
115	Laser interstitial thermal therapy for â€œinoperableâ€•gliomas. , 2019, , 209-229.		0
116	Use of Tubular Retractor for Resection of Colloid Cysts: Single Surgeon Experience and Review of the Literature. <i>Operative Neurosurgery</i> , 2019, 16, 571-579.	0.8	34
117	Utility of Magnetic Resonance Perfusion Imaging in Quantifying Active Tumor Fraction and Radiation Necrosis in Recurrent Intracranial Tumors. <i>World Neurosurgery</i> , 2019, 121, e836-e842.	1.3	3
118	Aberrant DNA Methylation Is Associated with Reduced Response to SRC Inhibition in Primary Human Vestibular Schwannoma Cells. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.8	0
119	A Multi-institutional Comparison of Transcranial versus Endoscopic Endonasal Approaches for Planum and Tuberculum Sellae Meningiomas. , 2019, 80, .		1
120	Rate of Acoustic Neuroma Growth by Volumetric Analysis Preradiation Does Not Predict Treatment Failure. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, .	0.8	0
121	Stimulated Raman Histology for Intraoperative Guidance in the Resection of a Recurrent Atypical Spheno-orbital Meningioma: A Case Report and Review of Literature. <i>Cureus</i> , 2019, 11, e5905.	0.5	8
122	Radiation-induced meningiomas: A case-control study at single center institution. <i>Journal of the Neurological Sciences</i> , 2018, 387, 205-209.	0.6	7
123	Use of Tubular Retractor for Resection of Deep-Seated Cerebral Tumors and Colloid Cysts: Single Surgeon Experience and Review of the Literature. <i>World Neurosurgery</i> , 2018, 112, e50-e60.	1.3	32
124	Quantitative Volumetric Analysis Following Magnetic Resonanceâ€“Guided Laser Interstitial Thermal Ablation of Cerebellar Metastases. <i>World Neurosurgery</i> , 2018, 110, e755-e765.	1.3	29
125	Pathogens and glioma: a history of unexpected discoveries ushering in novel therapy. <i>Journal of Neurosurgery</i> , 2018, 128, 1139-1146.	1.6	6
126	Fluorescent Detection of Merlin-deficient Schwann Cells and Primary Human Vestibular Schwannoma Cells Using Sodium Fluorescein. <i>Otology and Neurotology</i> , 2018, 39, 1053-1059.	1.3	4

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127	Drug and disease signature integration identifies synergistic combinations in glioblastoma. Nature Communications, 2018, 9, 5315.	12.8	78
128	Skull-Base Tumors. , 2018, , 187-197.		0
129	Accuracy of frame-based and frameless systems for deep brain stimulation: A meta-analysis. Journal of Clinical Neuroscience, 2018, 57, 1-5.	1.5	21
130	A designer bow-tie combination therapeutic platform: An approach to resistant cancer treatment by simultaneous delivery of cytotoxic and anti-inflammatory agents and radiation. Biomaterials, 2018, 187, 117-129.	11.4	21
131	Serum long noncoding RNA HOTAIR as a novel diagnostic and prognostic biomarker in glioblastoma multiforme. Molecular Cancer, 2018, 17, 74.	19.2	213
132	Who Needs Sleep? An Analysis of Patient Tolerance in Awake Craniotomy. World Neurosurgery, 2018, 118, e842-e848.	1.3	9
133	Preliminary Experience on Laser Interstitial Thermal Ablation Therapy in the Treatment of Extra-axial Masses: Indications, Imaging Characterization and Outcomes. Cureus, 2018, 10, e2894.	0.5	4
134	Laser/Light Applications in Neurology and Neurosurgery. , 2018, , 199-210.		0
135	Treatment of adult and pediatric high-grade gliomas with Withaferin A: antitumor mechanisms and future perspectives. Journal of Natural Medicines, 2017, 71, 16-26.	2.3	10
136	The role of bevacizumab in the treatment of glioblastoma. Journal of Neuro-Oncology, 2017, 133, 455-467.	2.9	157
137	Magnetic Resonanceâ€“Guided Laser Ablation for the Treatment of Recurrent Dural-Based Lesions: A Series of Five Cases. World Neurosurgery, 2017, 98, 162-170.	1.3	37
138	Visual Deficit From Laser Interstitial Thermal Therapy for Temporal Lobe Epilepsy: Anatomical Considerations. Operative Neurosurgery, 2017, 13, 627-633.	0.8	31
139	164 Hispanic Ethnicity and Socioeconomic Status are Independently Associated with Improved Prognosis in Glioblastoma Patients. Neurosurgery, 2017, 64, 241.	1.1	1
140	Neoplasms of the Cranial Nerves. , 2016, , 503-517.		0
141	Subdural hematoma in a patient taking imatinib for GIST. Anti-Cancer Drugs, 2016, 27, 259-263.	1.4	5
142	Laser Ablation of Newly Diagnosed Malignant Gliomas. Neurosurgery, 2016, 79, S17-S23.	1.1	56
143	Use of a Mobile Intraoperative Computed Tomography Scanner for Navigation Registration During Laser Interstitial Thermal Therapy of Brain Tumors. World Neurosurgery, 2016, 94, 418-425.	1.3	10
144	Laser Interstitial Thermal Therapy. Neurosurgery, 2016, 79, S3-S7.	1.1	29

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145	The role of 5-aminolevulinic acid in brain tumor surgery: a systematic review. <i>Neurosurgical Review</i> , 2016, 39, 545-555.	2.4	88
146	Management of Atypical and Anaplastic Meningiomas. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 239-247.	1.7	28
147	Pseudotumor-like syndrome and cerebrospinal fluid leak in meningiomas involving the posterior third of the superior sagittal sinus: report of 4 cases. <i>Journal of Neurosurgery</i> , 2016, 125, 62-66.	1.6	4
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