

Michael W Mcdermott

List of Publications by Year in descending order

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87
papers

2,315
citations

304743

22
h-index

243625

44
g-index

87
all docs

87
docs citations

87
times ranked

3096
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of Maximal Extent of Resection of Contrast-Enhanced and Non-Contrast-Enhanced Tumor With Survival Within Molecular Subgroups of Patients With Newly Diagnosed Glioblastoma. <i>JAMA Oncology</i> , 2020, 6, 495.	7.1	325
2	Age and the risk of anaplasia in magnetic resonance-nonenhancing supratentorial cerebral tumors. <i>Cancer</i> , 1997, 80, 936-941.	4.1	180
3	Risk factors for postoperative cerebrospinal fluid leak and meningitis after expanded endoscopic endonasal surgery. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 48-54.	1.5	129
4	Seizures in supratentorial meningioma: a systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2016, 124, 1552-1561.	1.6	113
5	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i18-i31.	1.2	102
6	Comprehensive Molecular Profiling Identifies FOXM1 as a Key Transcription Factor for Meningioma Proliferation. <i>Cell Reports</i> , 2018, 22, 3672-3683.	6.4	95
7	Meningioma DNA methylation groups identify biological drivers and therapeutic vulnerabilities. <i>Nature Genetics</i> , 2022, 54, 649-659.	21.4	93
8	Expression and prognostic impact of immune modulatory molecule PD-L1 in meningioma. <i>Journal of Neuro-Oncology</i> , 2016, 130, 543-552.	2.9	90
9	Tuberculum sellae meningiomas: grading scale to assess surgical outcomes using the transcranial versus transsphenoidal approach. <i>Neurosurgical Focus</i> , 2018, 44, E9.	2.3	81
10	Factors Associated With Pre- and Postoperative Seizures in 1033 Patients Undergoing Supratentorial Meningioma Resection. <i>Neurosurgery</i> , 2017, 81, 297-306.	1.1	70
11	Comparison of Patient Outcomes in 3725 Overlapping vs 3633 Nonoverlapping Neurosurgical Procedures Using a Single Institution's Clinical and Administrative Database. <i>Neurosurgery</i> , 2017, 80, 257-268.	1.1	54
12	Interstitial brachytherapy for malignant brain tumors. , 1998, 14, 79-87.		51
13	Temozolomide-induced hypermutation is associated with distant recurrence and reduced survival after high-grade transformation of low-grade IDH-mutant gliomas. <i>Neuro-Oncology</i> , 2021, 23, 1872-1884.	1.2	48
14	Deep Arteriovenous Malformations in the Basal Ganglia, Thalamus, and Insula: Multimodality Management, Patient Selection, and Results. <i>World Neurosurgery</i> , 2014, 82, 386-394.	1.3	47
15	Pigmented villonodular synovitis of the temporomandibular joint with intracranial extension: A case series and systematic review. <i>Head and Neck</i> , 2015, 37, 1213-1224.	2.0	46
16	Myxoid glioneuronal tumor, PDGFRA p.K385 mutant: clinical, radiologic, and histopathologic features. <i>Brain Pathology</i> , 2020, 30, 479-494.	4.1	46
17	Interstitial brachytherapy procedures for brain tumors. , 1997, 13, 157-166.		45
18	Temporal Dynamics of Pseudoprogression After Gamma Knife Radiosurgery for Vestibular Schwannomas—A Retrospective Volumetric Study. <i>Neurosurgery</i> , 2019, 84, 123-131.	1.1	39

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19	Myxoid glioneuronal tumor of the septum pellucidum and lateral ventricle is defined by a recurrent PDGFRA p.K385 mutation and DNT-like methylation profile. <i>Acta Neuropathologica</i> , 2018, 136, 339-343.	7.7	37
20	Subperiosteal, Subperiosteal Dissection and Division of the Anterior and Posterior Ethmoid Arteries for Meningiomas of the Cribriform Plate and Planum Sphenoidale. <i>Neurosurgery</i> , 1995, 36, 1215-1219.	1.1	30
21	Improved Survival with Decreased Wait Time to Surgery in Glioblastoma Patients Presenting with Seizure. <i>Neurosurgery</i> , 2017, 81, 824-833.	1.1	30
22	Postoperative Delirium in Glioblastoma Patients: Risk Factors and Prognostic Implications. <i>Neurosurgery</i> , 2018, 83, 1161-1172.	1.1	29
23	Surgical Resection and Interstitial Iodine-125 Brachytherapy for High-Grade Meningiomas: A 25-Year Series. <i>Neurosurgery</i> , 2017, 80, 409-416.	1.1	27
24	Use of thrombin-based hemostatic matrix during meningioma resection: A potential risk factor for perioperative thromboembolic events. <i>Clinical Neurology and Neurosurgery</i> , 2014, 119, 116-120.	1.4	22
25	Resection of falx and parasagittal meningioma: complication avoidance. <i>Journal of Neuro-Oncology</i> , 2016, 130, 253-262.	2.9	22
26	Residual Tumor Volume and Location Predict Progression After Primary Subtotal Resection of Sporadic Vestibular Schwannomas: A Retrospective Volumetric Study. <i>Neurosurgery</i> , 2020, 86, 410-416.	1.1	22
27	Developing an Algorithm for Optimizing Care of Elderly Patients With Glioblastoma. <i>Neurosurgery</i> , 2018, 82, 64-75.	1.1	22
28	Surgical risk factors for post-operative pneumonia following meningioma resection. <i>Clinical Neurology and Neurosurgery</i> , 2014, 118, 76-79.	1.4	21
29	Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas. <i>Acta Neuropathologica</i> , 2019, 138, 877-881.	7.7	21
30	Clinical, radiological, and histopathological predictors for long-term prognosis after surgery for atypical meningiomas. <i>Acta Neurochirurgica</i> , 2019, 161, 1647-1656.	1.7	21
31	Surgical Cavity Constriction and Local Progression Between Resection and Adjuvant Radiosurgery for Brain Metastases. <i>Cureus</i> , 2016, 8, e575.	0.5	21
32	Brain metastasis growth on preradiosurgical magnetic resonance imaging. <i>Practical Radiation Oncology</i> , 2018, 8, e369-e376.	2.1	20
33	Preventing Delays in First-Case Starts on the Neurosurgery Service: A Resident-Led Initiative at an Academic Institution. <i>Journal of Surgical Education</i> , 2016, 73, 291-295.	2.5	18
34	Neurosurgical Education in a Changing Healthcare and Regulatory Environment: A Consensus Statement from 6 Programs. <i>Neurosurgery</i> , 2017, 80, S75-S82.	1.1	18
35	Immersive Surgical Anatomy of the Pterional Approach. <i>Cureus</i> , 2019, 11, e5216.	0.5	18
36	Petrous Face Meningiomas: Classification, Clinical Syndromes, and Surgical Outcomes. <i>World Neurosurgery</i> , 2018, 114, e1266-e1274.	1.3	17

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37	Techniques for the Application of Stereotactic Head Frames Based on a 25-Year Experience. <i>Cureus</i> , 2016, 8, e543.	0.5	16
38	Surgical Outcomes, Complications, and Management Strategies for Foramen Magnum Meningiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, 001-009.	0.8	16
39	Delirium Risk Factors and Associated Outcomes in a Neurosurgical Cohort: A Case-Control Study. <i>World Neurosurgery</i> , 2019, 126, e930-e936.	1.3	14
40	Fertility treatment is associated with multiple meningiomas and younger age at diagnosis. <i>Journal of Neuro-Oncology</i> , 2019, 143, 137-144.	2.9	12
41	Resection Cavity Contraction Effects in the Use of Radioactive Sources (1-25 versus Cs-131) for Intra-Operative Brain Implants. <i>Cureus</i> , 2018, 10, e2079.	0.5	12
42	Stereotactic Insertion of an Ommaya Reservoir: Technical Note. <i>Canadian Journal of Neurological Sciences</i> , 1995, 22, 235-238.	0.5	11
43	Meningiomas of the Anterior Clinoid Process: Is It Wise to Drill Out the Optic Canal?. <i>Cureus</i> , 2015, 7, e321.	0.5	11
44	Genetic confirmation that ependymoma can arise as part of multiple endocrine neoplasia type 1 (MEN1) syndrome. <i>Acta Neuropathologica</i> , 2017, 133, 661-663.	7.7	11
45	Multiplatform Molecular Profiling Reveals Epigenomic Intratumor Heterogeneity in Ependymoma. <i>Cell Reports</i> , 2020, 30, 1300-1309.e5.	6.4	11
46	Radiation-induced Cavernous Malformation as a Late Sequelae of Stereotactic Radiosurgery for Epilepsy. <i>Cureus</i> , 2018, 10, e2308.	0.5	11
47	Comparative Analysis of the Subtonsillar, Far-Lateral, Extreme-Lateral, and Endoscopic Far-Medial Approaches to the Lower Clivus: An Anatomical Cadaver Study. <i>World Neurosurgery</i> , 2019, 127, e1083-e1096.	1.3	10
48	Presence of Histopathological Treatment Effects at Resection of Recurrent Glioblastoma: Incidence and Effect on Outcome. <i>Neurosurgery</i> , 2019, 85, 793-800.	1.1	10
49	A Method for Combining Thin and Thick Malleable Titanium Mesh in the Repair of Cranial Defects. <i>Cureus</i> , 2015, 7, e267.	0.5	10
50	A dosimetric comparison between Gamma Knife and CyberKnife treatment plans for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2010, 113, 199-206.	1.6	9
51	Surgical Management of Intracranial Neuroenteric Cysts: The UCSF Experience. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2015, 76, 475-479.	0.8	9
52	Preoperative MR Imaging to Differentiate Chordoid Meningiomas from Other Meningioma Histologic Subtypes. <i>American Journal of Neuroradiology</i> , 2019, 40, 433-439.	2.4	8
53	Resident-led Implementation of a Standardized Handoff System to Facilitate Transfer of Postoperative Neurosurgical Patients to the ICU. <i>Cureus</i> , 2016, 8, e461.	0.5	8
54	Discovery of additional brain metastases on the day of stereotactic radiosurgery: risk factors and outcomes. <i>Journal of Neurosurgery</i> , 2016, 126, 1756-1763.	1.6	7

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55	A Comparison of CT Contrast Enhancement and BUDR Labeling Indices in Moderately and Highly Anaplastic Astrocytomas of the Cerebral Hemispheres. Canadian Journal of Neurological Sciences, 1992, 19, 34-39.	0.5	4
56	Radiotherapy for recurrent intracranial epidermoid cysts without malignant transformation: a single-institution case series. Journal of Neuro-Oncology, 2019, 144, 89-96.	2.9	4
57	Far Lateral Craniotomy Closure Technique for Preservation of Suboccipital Musculature. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, 562-566.	0.8	4
58	Comparative analysis of surgical exposure and freedom between the subtonsillar, endoscope-assisted subtonsillar, and far-lateral approaches to the lower clivus: A cadaveric study. Journal of Clinical Neuroscience, 2020, 72, 412-419.	1.5	4
59	Cerebrospinal Fluid Leaks and Pseudomeningocele after Posterior Fossa Surgery: Effect of an Autospray Dural Sealant. Cureus, 2020, 12, e8379.	0.5	4
60	Middle Meningeal Artery to Premeatal Anterior Inferior Cerebellar Artery Bypass via Anterior Petrosectomy: An Anatomic Feasibility Study. World Neurosurgery, 2019, 123, e536-e542.	1.3	3
61	Bilateral External Ventricular Drain Placement and Intraventricular Irrigation Combined with Concomitant Serial Prone Patient Positioning: A Novel Treatment for Gravity-Dependent Layering in Bacterial Ventriculitis. Cureus, 2017, 9, e1175.	0.5	3
62	Use of Subdural Evacuating Port System Following Open Craniotomy with Excision of Native Dura and Membranes for Management of Chronic Subdural Hematoma. Cureus, 2017, 9, e1197.	0.5	3
63	Stability of Programmable Shunt Valve Settings with Simultaneous Use of the Optune Transducer Array: A Case Report. Cureus, 2016, 8, e675.	0.5	3
64	Restrictive Strabismus Following Frontotemporal-orbitozygomatic Craniotomy. Cureus, 2017, 9, e1937.	0.5	3
65	A Method for Cranial Nerve XI Silencing During Surgery of the Foramen Magnum Region: Technical Case Report. Operative Neurosurgery, 2019, 16, E130-E133.	0.8	2
66	Meningioma surgical outcomes and complications in patients aged 75 years and older. Journal of Clinical Neuroscience, 2021, 88, 88-94.	1.5	2
67	Patient-Specific Fetal Dose Determination for Multi-Target Gamma Knife Radiosurgery: Computational Model and Case Report. Cureus, 2017, 9, e1527.	0.5	2
68	Immersive Surgical Anatomy of the Frontotemporal-Orbitozygomatic Approach. Cureus, 2019, 11, e6053.	0.5	2
69	Association of Morbidity with Extent of Resection and Cavernous Sinus Invasion in Sphenoid Wing Meningiomas. Skull Base, 2012, 21, e5-e5.	0.4	1
70	MNGI-09. FERTILITY TREATMENT AND MENINGIOMA INCIDENCE. Neuro-Oncology, 2018, 20, vi150-vi150.	1.2	1
71	MNGI-23. PREOPERATIVE QUANTITATIVE IMAGING FEATURES ARE PROGNOSTIC FOR MENINGIOMA OUTCOMES. Neuro-Oncology, 2018, 20, vi153-vi154.	1.2	1
72	Retrosigmoid Craniectomy with a Layered Soft Tissue Dissection and Hydroxyapatite Reconstruction: Technical Note, Surgical Video, Regional Anatomy, and Outcomes. Journal of Neurological Surgery, Part B: Skull Base, 2022, 83, 185-192.	0.8	1

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73	Oncology and Spinal Neurosurgeons Performing Resections of Intramedullary Ependymomas Compared with Single Neurosurgeons: A 13-Year Experience at a Single Institution. <i>World Neurosurgery</i> , 2021, 152, e212-e219.	1.3	1
74	A Superior Cerebellar Convexity Two-Part Craniotomy to Access the Paramedian Supra and Infratentorial Space: Technical Note. <i>Cureus</i> , 2016, 8, e664.	0.5	1
75	Introduction: special issue on operative neurosurgical oncology. <i>Journal of Neuro-Oncology</i> , 2016, 130, 241-241.	2.9	0
76	CMET-24. EFFICACY AND TOXICITY OF STEREOTACTIC RADIOSURGERY FOR TREATMENT OF PATIENTS WITH 10 OR MORE BRAIN METASTASES. <i>Neuro-Oncology</i> , 2017, 19, vi44-vi44.	1.2	0
77	SURG-02. A NOVEL RISK MODEL TO DEFINE THE RELATIVE BENEFIT OF MAXIMAL EXTENT OF RESECTION WITHIN PROGNOSTIC GROUPS IN NEWLY DIAGNOSED GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi250-vi250.	1.2	0
78	MNGI-06. MENINGIOMA METASTASES: INCIDENCE AND SCREENING IN 1203 PATIENTS. <i>Neuro-Oncology</i> , 2018, 20, vi149-vi149.	1.2	0
79	QOLP-07. QUALITY OF LIFE IN PATIENTS WITH MENINGIOMA. <i>Neuro-Oncology</i> , 2018, 20, vi215-vi215.	1.2	0
80	MNGI-04. A PROPOSED IMAGING-BASED NOMENCLATURE SYSTEM FOR MENINGIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi148-vi148.	1.2	0
81	GENE-31. MULTIPLATFORM MOLECULAR PROFILING AND QUANTITATIVE IMAGING OF AN ANAPLASTIC EPENDYMOMA REVEALS INTRATUMORAL HETEROGENEITY. <i>Neuro-Oncology</i> , 2018, 20, vi110-vi110.	1.2	0
82	MNGI-30. RADIOLOGIC FEATURES ARE PROGNOSTIC FOR CLINICAL OUTCOMES OF CHORDOID MENINGIOMA. <i>Neuro-Oncology</i> , 2018, 20, vi155-vi155.	1.2	0
83	PATH-29. CLINICAL SIGNIFICANCE OF TEMOZOLOMIDE-INDUCED SOMATIC HYPERMUTATION IN INITIALLY LOW-GRADE IDH-MUTANT DIFFUSE GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi164-vi165.	1.2	0
84	RADI-21. STEREOTACTIC RADIOSURGERY FOR 10 OR MORE BRAIN METASTASES PROVIDES EXCELLENT RATES OF INTRACRANIAL DISEASE CONTROL WITH SUPERIOR HIPPOCAMPAL SPARING. <i>Neuro-Oncology Advances</i> , 2019, 1, i25-i26.	0.7	0
85	MNGI-04. PATTERNS OF FAILURE AND FACTORS INFLUENCING LOCAL RECURRENCE OF MENINGIOMA TREATED WITH POSTOPERATIVE RADIATION THERAPY. <i>Neuro-Oncology</i> , 2019, 21, vi140-vi140.	1.2	0
86	GENE-47. A 3D ATLAS TO EVALUATE THE SPATIAL PATTERNING OF GENETIC ALTERATIONS AND TUMOR CELL STATES IN GLIOMA. <i>Neuro-Oncology</i> , 2019, 21, vi107-vi108.	1.2	0
87	Use of Intraoperative CO2 Laser for the Resection of a Ventral Intradural Extramedullary Cervical Spinal Tumor: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E161-E161.	0.8	0