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List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

2,485
citations

201385

27
h-index

223531

46
g-index

90
all docs

90
docs citations

90
times ranked

4127
citing authors

#	ARTICLE	IF	CITATIONS
1	MGMT promoter methylation status testing to guide therapy for glioblastoma: refining the approach based on emerging evidence and current challenges. <i>Neuro-Oncology</i> , 2019, 21, 167-178.	0.6	173
2	The genomic landscape of schwannoma. <i>Nature Genetics</i> , 2016, 48, 1339-1348.	9.4	124
3	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i18-i31.	0.6	102
4	Imaging and diagnostic advances for intracranial meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i44-i61.	0.6	100
5	Mitotic Index is an Independent Predictor of Recurrence-Free Survival in Meningioma. <i>Brain Pathology</i> , 2015, 25, 266-275.	2.1	97
6	Molecular and translational advances in meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i4-i17.	0.6	92
7	Predictors of Seizure Outcomes in Children with Tuberous Sclerosis Complex and Intractable Epilepsy Undergoing Resective Epilepsy Surgery: An Individual Participant Data Meta-Analysis. <i>PLoS ONE</i> , 2013, 8, e53565.	1.1	85
8	The Role of ATRX in Glioma Biology. <i>Frontiers in Oncology</i> , 2017, 7, 236.	1.3	81
9	Deep brain stimulation for Parkinson's disease: meta-analysis of results of randomized trials at varying lengths of follow-up. <i>Journal of Neurosurgery</i> , 2018, 128, 1199-1213.	0.9	81
10	Resective Epilepsy Surgery for Tuberous Sclerosis in Children. <i>Neurosurgery</i> , 2015, 77, 517-524.	0.6	78
11	Anterior Cervical Discectomy with Arthroplasty versus Arthrodesis for Single-Level Cervical Spondylosis: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2012, 7, e43407.	1.1	69
12	Method of invasive monitoring in epilepsy surgery and seizure freedom and morbidity: A systematic review. <i>Epilepsia</i> , 2019, 60, 1960-1972.	2.6	64
13	Stereotactic Ablative Radiotherapy for the Management of Spinal Metastases. <i>JAMA Oncology</i> , 2020, 6, 567.	3.4	64
14	Spontaneous Intracranial Hypotension: A Review and Introduction of an Algorithm For Management. <i>World Neurosurgery</i> , 2017, 101, 343-349.	0.7	63
15	A matched cohort comparison of clinical outcomes following microsurgical resection or stereotactic radiosurgery for patients with small- and medium-sized vestibular schwannomas. <i>Journal of Neurosurgery</i> , 2016, 125, 1472-1482.	0.9	61
16	Randomized controlled trials and neurosurgery: the ideal fit or should alternative methodologies be considered?. <i>Journal of Neurosurgery</i> , 2016, 124, 558-568.	0.9	60
17	Life after surgical resection of a meningioma: a prospective cross-sectional study evaluating health-related quality of life. <i>Neuro-Oncology</i> , 2019, 21, i32-i43.	0.6	56
18	Efficacy and Safety of Surgery for Mild Degenerative Cervical Myelopathy: Results of the AOSpine North America and International Prospective Multicenter Studies. <i>Neurosurgery</i> , 2019, 84, 890-897.	0.6	54

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19	High-definition fiber tractography for the evaluation of perilesional white matter tracts in high-grade glioma surgery. <i>Neuro-Oncology</i> , 2015, 17, nov113.	0.6	51
20	Ketoconazole and Posaconazole Selectively Target HK2-expressing Glioblastoma Cells. <i>Clinical Cancer Research</i> , 2019, 25, 844-855.	3.2	51
21	The role of 5-aminolevulinic acid in enhancing surgery for high-grade glioma, its current boundaries, and future perspectives: A systematic review. <i>Cancer</i> , 2016, 122, 2469-2478.	2.0	49
22	Surgically resected skull base meningiomas demonstrate a divergent postoperative recurrence pattern compared with non-skull base meningiomas. <i>Journal of Neurosurgery</i> , 2016, 125, 431-440.	0.9	49
23	Exploring the expectation-actuality discrepancy: a systematic review of the impact of preoperative expectations on satisfaction and patient reported outcomes in spinal surgery. <i>Neurosurgical Review</i> , 2018, 41, 19-30.	1.2	46
24	Pituitary Apoplexy: Results of Surgical and Conservative Management Clinical Series and Review of the Literature. <i>World Neurosurgery</i> , 2019, 130, e988-e999.	0.7	46
25	Neurocognitive and Seizure Outcomes of Selective Amygdalohippocampectomy versus Anterior Temporal Lobectomy for Mesial Temporal Lobe Epilepsy. <i>Epilepsy Research & Treatment</i> , 2014, 2014, 1-8.	1.4	37
26	Cervical Spine Clearance in Obtunded Patients After Blunt Traumatic Injury. <i>Annals of Internal Medicine</i> , 2015, 162, 429-437.	2.0	34
27	Highly Cited Works in Spinal Disorders. <i>Spine</i> , 2018, 43, 1746-1755.	1.0	32
28	Patient phenotypes associated with outcome following surgery for mild degenerative cervical myelopathy: a principal component regression analysis. <i>Spine Journal</i> , 2018, 18, 2220-2231.	0.6	28
29	The clinical significance of isolated traumatic subarachnoid hemorrhage in mild traumatic brain injury. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 725-731.	1.1	26
30	Determining Surgical Candidacy in Temporal Lobe Epilepsy. <i>Epilepsy Research & Treatment</i> , 2012, 2012, 1-16.	1.4	25
31	Cerebellar abnormalities in purine nucleoside phosphorylase deficient mice. <i>Neurobiology of Disease</i> , 2012, 47, 201-209.	2.1	25
32	Citation classics in neuro-oncology: assessment of historical trends and scientific progress. <i>Neuro-Oncology</i> , 2017, 19, 1158-1172.	0.6	24
33	Stereotactic Radiosurgery for Intracranial Meningiomas. <i>Neurosurgery</i> , 2015, 76, 362-371.	0.6	22
34	Biopsy Versus Subtotal Versus Gross Total Resection in Patients with Low-Grade Glioma: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2018, 120, e762-e775.	0.7	22
35	Investigating the utility of intraoperative neurophysiological monitoring for anterior cervical discectomy and fusion: analysis of over 140,000 cases from the National (Nationwide) Inpatient Sample data set. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 76-86.	0.9	22
36	Predictors of response to Gamma Knife radiosurgery for intracranial meningiomas. <i>Journal of Neurosurgery</i> , 2015, 123, 1294-1300.	0.9	20

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37	Letter: Surgical Management of Brain Tumor Patients in the COVID-19 Era. <i>Neurosurgery</i> , 2020, 87, E197-E200.	0.6	20
38	Predictors of Outcome Following Cerebral Aqueductoplasty. <i>Neurosurgery</i> , 2016, 78, 285-296.	0.6	19
39	Predictors of Delayed Cerebral Ischemia in Patients with Aneurysmal Subarachnoid Hemorrhage with Asymptomatic Angiographic Vasospasm on Admission. <i>World Neurosurgery</i> , 2017, 97, 199-204.	0.7	19
40	A Propensity Score-Matched Study of the Use of Non-steroidal Anti-inflammatory Agents Following Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2016, 25, 351-358.	1.2	18
41	Quantification of Working Volumes, Exposure, and Target-Specific Maneuverability of the Pterional Craniotomy and Its Minimally Invasive Variants. <i>World Neurosurgery</i> , 2017, 101, 710-717.e2.	0.7	18
42	MGMT Testing in Glioblastomas. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019, 42, 117-122.	0.6	17
43	Vasospasm Post Pituitary Surgery: Systematic Review and 3 Case Presentations. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 767-773.	0.3	16
44	Anticoagulant prophylaxis against venous thromboembolism following severe traumatic brain injury: A prospective observational study and systematic review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2018, 175, 68-73.	0.6	16
45	Does Transection of the C2 Nerve Roots During C1 Lateral Mass Screw Placement for Atlantoaxial Fixation Result in a Superior Outcome?. <i>Spine</i> , 2017, 42, E1067-E1076.	1.0	12
46	Sources of delayed provision of neurosurgical care in a rural kenyan setting. , 2015, 6, 32.		11
47	Canadian Neurosurgery Educators' Views on Stereotactic Radiosurgery in Residency Training. <i>World Neurosurgery</i> , 2018, 112, e208-e215.	0.7	10
48	Endoscopic management of Esthesioneuroblastoma: Our experience and review of the literature. <i>Journal of Clinical Neuroscience</i> , 2018, 58, 117-123.	0.8	10
49	Predictors of Surgical Candidacy in 414 Epilepsy Patients Admitted to the EMU. <i>Canadian Journal of Neurological Sciences</i> , 2013, 40, 372-377.	0.3	9
50	Randomized controlled trials and neuro-oncology: should alternative designs be considered?. <i>Journal of Neuro-Oncology</i> , 2015, 124, 345-356.	1.4	9
51	The Role of Stereotactic Radiosurgery in the Management of Brain Metastases From a Health-Economic Perspective: A Systematic Review. <i>Neurosurgery</i> , 2020, 87, 484-497.	0.6	9
52	A Systematic Review of Minimally Invasive Procedures for Mesial Temporal Lobe Epilepsy: Too Minimal, Too Fast?. <i>Neurosurgery</i> , 2021, 89, 164-176.	0.6	9
53	Untapped Neuroimaging Tools for Neuro-Oncology: Connectomics and Spatial Transcriptomics. <i>Cancers</i> , 2022, 14, 464.	1.7	9
54	National Perspectives on the Training of Neurosurgery Residents in Stereotactic Radiosurgery. <i>Canadian Journal of Neurological Sciences</i> , 2017, 44, 51-58.	0.3	8

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55	Alpha Thalassemia/Mental Retardation Syndrome X-Linked, the Alternative Lengthening of Telomere Phenotype, and Gliomagenesis: Current Understandings and Future Potential. <i>Frontiers in Oncology</i> , 2017, 7, 322.	1.3	8
56	Exploratory Analysis into Reasonable Timeframes for the Provision of Neurosurgical Care in Low- and Middle-Income Countries. <i>World Neurosurgery</i> , 2018, 117, e679-e691.	0.7	8
57	Incidence and prevalence of primary malignant brain tumours in Canada from 1992 to 2017: an epidemiologic study. <i>CMAJ Open</i> , 2021, 9, E973-E979.	1.1	8
58	Reconnaissance Mission to the Neurosurgical Department in Kijabe Hospital, Kenya: A Call for the Submission of Ideas and Strategies. <i>World Neurosurgery</i> , 2014, 81, e14-e16.	0.7	7
59	Moving forward together: The Lancet Commission on Global Surgery report and its implications for neurosurgical procedures. <i>British Journal of Neurosurgery</i> , 2015, 29, 751-752.	0.4	7
60	Vascular Eagle's Syndrome: Two Cases Illustrating Distinct Mechanisms of Cerebral Ischemia. <i>Journal of Radiology Case Reports</i> , 2017, 11, 1-7.	0.2	7
61	The Evolving Role of Radiosurgery in the Management of Radiation-Induced Meningiomas: A Review of Current Advances and Future Directions. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	6
62	Bridging the Gap between Evidence and Practice for Adults with Medically Refractory Temporal Lobe Epilepsy: Is a Change in Funding Policy Needed to Stimulate a Shift in Practice?. <i>Epilepsy Research & Treatment</i> , 2015, 2015, 1-10.	1.4	6
63	Lesion Network Mapping Analysis Identifies Potential Cause of Postoperative Depression in a Case of Cingulate Low-Grade Glioma. <i>World Neurosurgery</i> , 2020, 133, 278-282.	0.7	6
64	Impact of EGFR mutation on outcomes following SRS for brain metastases in non-small cell lung cancer. <i>Lung Cancer</i> , 2021, 155, 34-39.	0.9	6
65	Neurofibromatosis Clinic: A Report on Patient Demographics and Evaluation of the Clinic. <i>Canadian Journal of Neurological Sciences</i> , 2017, 44, 577-588.	0.3	5
66	Quantitative Volumetric Analysis Post Transsphenoidal Pituitary Adenoma Surgery. <i>Canadian Journal of Neurological Sciences</i> , 2012, 39, 600-604.	0.3	4
67	Journal Club. <i>Neurosurgery</i> , 2015, 76, 638-640.	0.6	4
68	Sudden unexpected death in epilepsy following resective epilepsy surgery in two patients withdrawn from anticonvulsants. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1505-1506.	0.8	4
69	Providing Surgery for Medically Intractable Epilepsy in Low- and Middle-Income Countries. <i>JAMA Neurology</i> , 2018, 75, 1041.	4.5	4
70	Surgical outcomes for medically intractable epilepsy in low- and middle-income countries: a systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2019, 131, 1068-1078.	0.9	4
71	Equivalent Efficacy and Safety of Radiosurgery for Cystic and Solid Vestibular Schwannomas: A Systematic Review. <i>World Neurosurgery</i> , 2021, 146, 322-331.e1.	0.7	4
72	VEGF and Immune Checkpoint Inhibition for Prevention of Brain Metastases. <i>Neurology</i> , 2021, 97, e1484-e1492.	1.5	4

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73	Journal Club. Neurosurgery, 2015, 77, 307-309.	0.6	3
74	Journal Club. Neurosurgery, 2015, 76, 227-229.	0.6	3
75	Metastatic sacrococcygeal chordoma. Journal of Clinical Neuroscience, 2016, 23, 149-152.	0.8	3
76	The state of neuro-oncology during the COVID-19 pandemic: a worldwide assessment. Neuro-Oncology Advances, 2021, 3, vdab035.	0.4	3
77	Current Landscape and Future Prospects of Radiation Sensitizers for Malignant Brain Tumors: A Systematic Review. World Neurosurgery, 2021, 151, e839-e856.	0.7	3
78	A Practical Methodological Approach Towards Identifying Core Competencies in Medical Education Based on Literature Trends. Neurosurgery, 2015, 77, 594-603.	0.6	2
79	Novel Statistical Analyses to Assess Hearing Outcomes After ABI Implantation in NF2 Patients: Systematic Review and Individualized Patient Data Analysis. World Neurosurgery, 2019, 128, e669-e682.	0.7	2
80	Considerations for a surgical RCT for diffuse low-grade glioma: a survey. Neuro-Oncology Practice, 2020, 7, 338-343.	1.0	2
81	NCI-CONNECT rare CNS tumor initiative: current progress and anticipated future impact. Neuro-Oncology Advances, 2020, 2, vdaa022.	0.4	2
82	An exploratory study into the influence of laterality and location of hippocampal sclerosis on seizure prognosis and global cortical thinning. Scientific Reports, 2021, 11, 4686.	1.6	2
83	Evolution of the Neurosurgeon's Role in Clinical Trials for Glioblastoma: A Systematic Overview of the Clinicaltrials.Gov Database. Neurosurgery, 2021, 89, 196-203.	0.6	2
84	Comparative efficacy of treatments for brain metastases from non-small-cell lung cancer without an EGFR-mutation/ALK-rearrangement: a systematic review and network meta-analysis. World Neurosurgery, 2021, 158, e87-e87.	0.7	2
85	Feasibility of real-time intraoperative fluorescence imaging of dural sinus thrombosis. Journal of Clinical Neuroscience, 2018, 52, 153-155.	0.8	1
86	Lateralizing magnetic resonance imaging findings in mesial temporal sclerosis and correlation with seizure and neurocognitive outcome after temporal lobectomy. Epilepsy Research, 2021, 171, 106562.	0.8	1
87	Painless skull mass in a 70-year-old man. Journal of Clinical Neuroscience, 2014, 21, 708.	0.8	0
88	Painless skull mass in a 70-year-old man. Journal of Clinical Neuroscience, 2014, 21, 656.	0.8	0
89	Glioblastoma Following Ischemic Stroke. Canadian Journal of Neurological Sciences, 2017, 44, 732-733.	0.3	0
90	CSF proteomics for differentiation of brain malignancies.. Journal of Clinical Oncology, 2022, 40, 2021-2021.	0.8	0