

# Alfredo Quinones-Hinojosa

## List of Publications by Year in descending order

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Version: 2024-02-01

259  
papers

10,335  
citations

28274

55  
h-index

46799

89  
g-index

268  
all docs

268  
docs citations

268  
times ranked

12890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nervous system involvement in SARS-coronavirus infection: a review on lessons learned from the previous outbreaks, ongoing pandemic and what to expect in the future. <i>International Journal of Neuroscience</i> , 2022, 132, 930-938.	1.6	3
2	Prehospital Response Time of the Emergency Medical Service during Mass Casualty Incidents and the Effect of Triage: A Retrospective Study. <i>Disaster Medicine and Public Health Preparedness</i> , 2022, 16, 1091-1098.	1.3	4
3	Influence of supramarginal resection on survival outcomes after gross-total resection of IDH-wild-type glioblastoma. <i>Journal of Neurosurgery</i> , 2022, 136, 1-8.	1.6	29
4	IDH-wild-type glioblastoma cell density and infiltration distribution influence on supramarginal resection and its impact on overall survival: a mathematical model. <i>Journal of Neurosurgery</i> , 2022, 136, 1567-1575.	1.6	20
5	Minimally Invasive Transforaminal Lumbar Interbody Fusion: Cost of a Surgeon's Learning Curve. <i>World Neurosurgery</i> , 2022, 162, e1-e7.	1.3	6
6	Survival benefit of concomitant chemoradiation in adult supratentorial primary glioblastoma. A propensity score weighted population-based analysis. <i>Journal of Neurosurgical Sciences</i> , 2022, 66, .	0.6	2
7	Emergency Airway Management During Awake Craniotomy: Comparison of 5 Techniques in a Cadaveric Model. <i>Journal of Neurosurgical Anesthesiology</i> , 2022, 34, 74-78.	1.2	3
8	Robotic-Assisted vs Nonrobotic-Assisted Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Cost-Utility Analysis. <i>Neurosurgery</i> , 2022, 90, 192-198.	1.1	22
9	Preoperative Stereotactic Radiosurgery for Glioblastoma. <i>Biology</i> , 2022, 11, 194.	2.8	7
10	Medical Malpractice Litigation Involving Arteriovenous Malformations of the Central Nervous System. <i>World Neurosurgery</i> , 2022, 160, e601-e607.	1.3	0
11	The endosomal pH regulator NHE9 is a driver of stemness in glioblastoma. , 2022, 1, pgac013.		0
12	Anatomical Engineering and 3D Printing for Surgery and Medical Devices: International Review and Future Exponential Innovations. <i>BioMed Research International</i> , 2022, 2022, 1-28.	1.9	32
13	The impact of multiple lesions on progression-free survival of meningiomas: a 10-year multicenter experience. <i>Journal of Neurosurgery</i> , 2022, 137, 9-17.	1.6	4
14	Lumbar nerve root biopsy with fascicle dissection and functional mapping: how I do it. <i>Acta Neurochirurgica</i> , 2022, , 1.	1.7	0
15	Mesenchymal stem cell therapy for focal epilepsy: A systematic review of preclinical models and clinical studies. <i>Epilepsia</i> , 2022, 63, 1607-1618.	5.1	7
16	The Extent of Resection in Gliomas—Evidence-Based Recommendations on Methodological Aspects of Research Design. <i>World Neurosurgery</i> , 2022, 161, 382-395.e3.	1.3	2
17	Predicting access to postoperative treatment after glioblastoma resection: an analysis of neighborhood-level disadvantage using the Area Deprivation Index (ADI). <i>Journal of Neuro-Oncology</i> , 2022, 158, 349-357.	2.9	10
18	Treatment of recurrent and persistent Cushing's disease after first transsphenoidal surgery: lessons learned from an international meta-analysis. <i>Pituitary</i> , 2022, 25, 540-549.	2.9	5

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19	Identification of Synergistic Drug Combinations to Target KRAS-Driven Chemoradioresistant Cancers Utilizing Tumoroid Models of Colorectal Adenocarcinoma and Recurrent Glioblastoma. <i>Frontiers in Oncology</i> , 2022, 12, .	2.8	3
20	Creation of a Proof-of-Concept 3D-Printed Spinal Lateral Access Simulator. <i>Cureus</i> , 2022, , .	0.5	1
21	Molecularly cleavable bioinks facilitate high-performance digital light processing-based bioprinting of functional volumetric soft tissues. <i>Nature Communications</i> , 2022, 13, .	12.8	43
22	Intracranial Myxoid Mesenchymal Tumor/Myxoid Subtype Angiomatous Fibrous Histiocytoma: Diagnostic and Prognostic Challenges. <i>Neurosurgery</i> , 2021, 88, E114-E122.	1.1	9
23	Treatment of posterior circulation non-saccular aneurysms with flow diversion versus stent-assisted coiling: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 159-163.	3.3	27
24	Perioperative Management of Patients with Glioblastoma. <i>Neurosurgery Clinics of North America</i> , 2021, 32, 1-8.	1.7	10
25	Intraoperative Direct Stimulation Identification and Preservation of Critical White Matter Tracts During Brain Surgery. <i>World Neurosurgery</i> , 2021, 146, 64-74.	1.3	5
26	Label-free imaging of human brain tissue at subcellular resolution for potential rapid intra-operative assessment of glioma surgery. <i>Theranostics</i> , 2021, 11, 7222-7234.	10.0	15
27	Circulatory shear stress induces molecular changes and side population enrichment in primary tumor-derived lung cancer cells with higher metastatic potential. <i>Scientific Reports</i> , 2021, 11, 2800.	3.3	16
28	Photocrosslinked Bioreducible Polymeric Nanoparticles for Enhanced Systemic siRNA Delivery as Cancer Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2009768.	14.9	29
29	Reprogramming Transcription Factors Oct4 and Sox2 Induce a BRD-Dependent Immunosuppressive Transcriptome in GBM-Propagating Cells. <i>Cancer Research</i> , 2021, 81, 2457-2469.	0.9	31
30	The evolution of stereotactic radiosurgery in neurosurgical practice. <i>Journal of Neuro-Oncology</i> , 2021, 151, 451-459.	2.9	9
31	Human Cerebrospinal Fluid Modulates Pathways Promoting Glioblastoma Malignancy. <i>Frontiers in Oncology</i> , 2021, 11, 624145.	2.8	11
32	Melatonin Targets Metabolism in Head and Neck Cancer Cells by Regulating Mitochondrial Structure and Function. <i>Antioxidants</i> , 2021, 10, 603.	5.1	24
33	Cervical chordomas: multicenter case series and meta-analysis. <i>Journal of Neuro-Oncology</i> , 2021, 153, 65-77.	2.9	9
34	Awake Robotic Minimally Invasive L4-5 Transforaminal Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2021, 148, 93.	1.3	15
35	Targeted Therapy for Chordoma: Key Molecular Signaling Pathways and the Role of Multimodal Therapy. <i>Targeted Oncology</i> , 2021, 16, 325-337.	3.6	13
36	Intraoperative Seizure Detection During Active Resection of Glioblastoma Through a Novel Hollow Circular Electroocortigraphy Array. <i>Operative Neurosurgery</i> , 2021, 21, E147-E152.	0.8	7

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37	Initiation of a Robotic Program in Spinal Surgery. Mayo Clinic Proceedings, 2021, 96, 1193-1202.	3.0	5
38	Time Is Brain: Prehospital Emergency Medical Services Response Times for Suspected Stroke and Effects of Prehospital Interventions. Mayo Clinic Proceedings, 2021, 96, 1446-1457.	3.0	14
39	Minimizing OCT quantification error via a surface-tracking imaging probe. Biomedical Optics Express, 2021, 12, 3992.	2.9	1
40	Arachnoid Web Fenestration: Diagnostic and Surgical Nuances. World Neurosurgery, 2021, 150, 92.	1.3	0
41	Cancer Mortality Rates Increasing vs Cardiovascular Disease Mortality Decreasing in the World: Future Implications. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2021, 5, 645-653.	2.4	19
42	Reduced Pain and Opioid Use in the Early Postoperative Period in Patients Undergoing a Frontotemporal Craniotomy under Regional vs General Anesthesia. World Neurosurgery, 2021, 150, e31-e37.	1.3	7
43	Retrosigmoid Craniectomy and Suprameatal Drillingâ€™3-Dimensionally Printed Microneurosurgical Simulation: 2-Dimensional Operative Video. Operative Neurosurgery, 2021, 21, E355-E356.	0.8	3
44	Phosphorylated WNK kinase networks in recoded bacteria recapitulate physiological function. Cell Reports, 2021, 36, 109416.	6.4	5
45	Long-term clinical outcome of minimally invasive versus open single-level transforaminal lumbar interbody fusion for degenerative lumbar diseases: a meta-analysis. Spine Journal, 2021, 21, 2049-2065.	1.3	42
46	NIH funding trends for neurosurgeon-scientists from 1993â€™2017: Biomedical workforce implications for neurooncology. Journal of Neuro-Oncology, 2021, 154, 51-62.	2.9	6
47	Commentary: Evandro de Oliveira in the Historical Context of Brazilian Neurosurgery. Neurosurgery, 2021, 89, E264-E265.	1.1	1
48	Influence of glucose levels on clinical outcome after mechanical thrombectomy for large-vessel occlusion: a systematic review and meta-analysis. Journal of NeuroInterventional Surgery, 2021, , neurintsurg-2021-017771.	3.3	13
49	Impact of COVID-19 on Neurosurgery in Brazil's Health System: The Reality of a Developing Country Affected by the Pandemic. World Neurosurgery, 2021, 155, e142-e149.	1.3	10
50	Perioperative Glycemia Management in Patients Undergoing Craniotomy for Brain Tumor Resection: A Global Survey of Neuroanesthesiologistsâ€™ Perceptions and Practices. World Neurosurgery, 2021, 155, e548-e563.	1.3	3
51	Use of adipose-derived stem cells in lymphatic tissue engineering and regeneration. Archives of Plastic Surgery, 2021, 48, 559-567.	0.9	8
52	Commentary: Dr Dorothy Kenke Nash: The First Woman Neurosurgeon in the United States. Neurosurgery, 2021, 89, E318-E322.	1.1	0
53	Fluid Restriction After Transsphenoidal Surgery for the Prevention of Delayed Hyponatremia: A Systematic Review and Meta-Analysis. Endocrine Practice, 2021, 27, 966-972.	2.1	7
54	Three-Dimensionally Printed Surgical Simulation Tool for Brain Mapping Training and Preoperative Planning. Operative Neurosurgery, 2021, 21, 523-532.	0.8	5

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55	Outcomes and Surgical Considerations for Neurosurgical Patients Hospitalized with COVID-19—A Multicenter Case Series. <i>World Neurosurgery</i> , 2021, 154, e118-e129.	1.3	7
56	A microfluidic cell-migration assay for the prediction of progression-free survival and recurrence time of patients with glioblastoma. <i>Nature Biomedical Engineering</i> , 2021, 5, 26-40.	22.5	38
57	Mapping the Brain During Awake Surgery for Patients with Neurological Disorders Including Brain Tumors. , 2021, , 413-436.		0
58	Combined Presigmoid-Subtemporal Approach in a Semi-Sitting Position for Petroclival Meningiomas: A Technical Report. <i>Cureus</i> , 2021, 13, e19609.	0.5	0
59	Comparison of Outcomes between Cage Materials Used for Patients Undergoing Anterior Cervical Discectomy and Fusion with Stand-Alone Cages: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021, , .	1.3	1
60	The Effect of Plating on Adjacent Segments in Anterior Cervical Discectomy and Fusions in Patients with Degenerative Spine Disease: A Retrospective Cohort Study. <i>Spine Surgery and Related Research</i> , 2021, , .	0.7	0
61	Building and implementing an institutional registry for a data-driven national neurosurgical practice: experience from a multisite medical center. <i>Neurosurgical Focus</i> , 2021, 51, E9.	2.3	3
62	Perceptions of overlapping surgery in neurosurgery based on practice volume: A multi-institutional survey. <i>Clinical Neurology and Neurosurgery</i> , 2020, 188, 105585.	1.4	4
63	Ketamine in seizure management and future pharmacogenomic considerations. <i>Pharmacogenomics Journal</i> , 2020, 20, 351-354.	2.0	15
64	Self-assembling and self-formulating prodrug hydrogelator extends survival in a glioblastoma resection and recurrence model. <i>Journal of Controlled Release</i> , 2020, 319, 311-321.	9.9	53
65	Operative Adjuncts and Technique for En Bloc Removal of Lumbar Intradural-Extramedullary Tumor: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E235-E235.	0.8	0
66	Engineering Three-Dimensional Tumor Models to Study Glioma Cancer Stem Cells and Tumor Microenvironment. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 558381.	3.7	38
67	Joe L. Martinez Jr. (1944—2020). <i>Science</i> , 2020, 370, 297-297.	12.6	0
68	Multiple meningiomas: does quantity matter? a population-based survival analysis with underlined age and sex differences. <i>Journal of Neuro-Oncology</i> , 2020, 149, 413-420.	2.9	8
69	Ablation of neuropilin-1 improves the therapeutic response in conventional drug-resistant glioblastoma multiforme. <i>Oncogene</i> , 2020, 39, 7114-7126.	5.9	17
70	Path to Reopening Surgery in the COVID-19 Pandemic: Neurosurgery Experience. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , 2020, 4, 557-564.	2.4	14
71	Teaching NeuroImages: Diffuse intrinsic pontine glioma in white matter. <i>Neurology</i> , 2020, 95, e608-e609.	1.1	0
72	3D bioprinting of glioblastoma models. <i>Journal of 3D Printing in Medicine</i> , 2020, 4, 113-125.	2.0	17

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73	Neurosurgical Interactive Teaching Series: Multidisciplinary Educational Approach. World Neurosurgery, 2020, 144, e766-e773.	1.3	3
74	Nanomedicine Revisited: Next Generation Therapies for Brain Cancer. Advanced Therapeutics, 2020, 3, 2000118.	3.2	14
75	Minimally Invasive Surgical Outcomes for Deep-Seated Brain Lesions Treated with Different Tubular Retraction Systems: A Systematic Review and Meta-Analysis. World Neurosurgery, 2020, 143, 537-545.e3.	1.3	18
76	Adjuvant radiation for WHO grade II and III intracranial meningiomas: insights on survival and practice patterns from a National Cancer Registry. Journal of Neuro-Oncology, 2020, 149, 293-303.	2.9	7
77	Intraventricular choroid plexus tumors: clinical characteristics and impact of current management on survival. Journal of Neuro-Oncology, 2020, 149, 283-292.	2.9	2
78	Improved 3-year survival rates for glioblastoma multiforme are associated with trends in treatment: analysis of the national cancer database from 2004 to 2013. Journal of Neuro-Oncology, 2020, 148, 69-79.	2.9	14
79	Cost-Effective Method for 3-Dimensional Printing Dynamic Multiobject and Patient-Specific Brain Tumor Models: Technical Note. World Neurosurgery, 2020, 140, 173-179.	1.3	16
80	Awake vs. asleep motor mapping for glioma resection: a systematic review and meta-analysis. Acta Neurochirurgica, 2020, 162, 1709-1720.	1.7	41
81	Letter to the Editor: Survey of Academic U.S. Programs Regarding the Impact of the COVID-19 Pandemic on Clinical Practice, Education, and Research in Neurosurgery. World Neurosurgery, 2020, 140, 476-478.	1.3	5
82	Potential differences between monolingual and bilingual patients in approach and outcome after awake brain surgery. Journal of Neuro-Oncology, 2020, 148, 587-598.	2.9	13
83	Trends in glioblastoma: outcomes over time and type of intervention: a systematic evidence based analysis. Journal of Neuro-Oncology, 2020, 147, 297-307.	2.9	116
84	Mitotic Index and Progression-Free Survival in Atypical Meningiomas. World Neurosurgery, 2020, 142, 191-196.	1.3	8
85	Awake Craniotomy with Cortical and Subcortical Speech Mapping for Supramarginal Cavernoma Resection. World Neurosurgery, 2020, 141, 260.	1.3	8
86	A Sox2:miR-486-5p Axis Regulates Survival of GBM Cells by Inhibiting Tumor Suppressor Networks. Cancer Research, 2020, 80, 1644-1655.	0.9	34
87	The reliability of Deep Brain Stimulation YouTube videos. Journal of Clinical Neuroscience, 2020, 74, 202-204.	1.5	13
88	Detection of after-discharges during intraoperative functional brain mapping in awake brain tumor surgery using a novel high-density circular grid. Clinical Neurophysiology, 2020, 131, 828-835.	1.5	12
89	T10-L3 Cystic Lesion of the Ventriculus Terminalis Presenting as Conus Medullaris Syndrome. World Neurosurgery, 2020, 136, 146-149.	1.3	4
90	Emerging links between endosomal pH and cancer. Cancer and Metastasis Reviews, 2020, 39, 519-534.	5.9	49

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91	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
92	Telemedicine Utilization in Neurosurgery During the COVID-19 Pandemic: A Glimpse Into the Future?. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , 2020, 4, 736-744.	2.4	23
93	A 360° electronic device for recording high-resolution intraoperative electrocorticography of the brain during awake craniotomy. <i>Journal of Neurosurgery</i> , 2020, 133, 443-450.	1.6	11
94	Nanoparticles for Stem Cell Therapy Bioengineering in Glioma. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 558375.	4.1	13
95	Following the light in glioma surgery: a comparison of sodium fluorescein and 5-aminolevulinic acid as surgical adjuncts in glioma resection. <i>Journal of Neurosurgical Sciences</i> , 2020, 63, 633-647.	0.6	5
96	AI-Assisted <i>in Situ</i> Detection of Human Glioma Infiltration Using a Novel Computational Method for Optical Coherence Tomography. <i>Clinical Cancer Research</i> , 2019, 25, 6329-6338.	7.0	31
97	Progress Toward Long-Term Survivors of Glioblastoma. <i>Mayo Clinic Proceedings</i> , 2019, 94, 1278-1286.	3.0	72
98	BSCI-16. HEMODYNAMIC SHEAR STRESS SELECTS A SUBPOPULATION OF LUNG ADENOCARCINOMA CELLS WITH HIGHER METASTATIC CAPACITY. <i>Neuro-Oncology Advances</i> , 2019, 1, i4-i4.	0.7	0
99	Deferred Radiotherapy After Debulking of Non-functioning Pituitary Macroadenomas: Clinical Outcomes. <i>Frontiers in Oncology</i> , 2019, 8, 660.	2.8	4
100	Switch-like enhancement of epithelial-mesenchymal transition by YAP through feedback regulation of WT1 and Rho-family GTPases. <i>Nature Communications</i> , 2019, 10, 2797.	12.8	105
101	Survival trends in glioblastoma and association with treating facility volume. <i>Journal of Clinical Neuroscience</i> , 2019, 68, 271-274.	1.5	11
102	Potential influence of IDH1 mutation and MGMT gene promoter methylation on glioma-related preoperative seizures and postoperative seizure control. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019, 69, 283-289.	2.0	37
103	Periodic focal epileptiform discharges. <i>Clinical Neurophysiology</i> , 2019, 130, 1320-1328.	1.5	10
104	Finding the "Sweet Spot" for C2 Root Transection in C1 Lateral Mass Exposure. <i>World Neurosurgery</i> , 2019, 127, e738-e744.	1.3	0
105	Impact of 1p/19q codeletion status on extent of resection in WHO grade II glioma: Insights from a national cancer registry. <i>Clinical Neurology and Neurosurgery</i> , 2019, 182, 32-36.	1.4	8
106	Overlapping migratory mechanisms between neural progenitor cells and brain tumor stem cells. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3553-3570.	5.4	35
107	Submandibular Approach for Single-Stage Craniovertebral Junction Ventral Decompression and Stabilization: A Preliminary Cadaveric Study of Technical Feasibility. <i>World Neurosurgery</i> , 2019, 127, 206-212.	1.3	10
108	Survival Benefit of Maximal Resection for Glioblastoma Reoperation in the Temozolomide Era: A Meta-Analysis. <i>World Neurosurgery</i> , 2019, 127, 31-37.	1.3	47



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109	Outcomes of large vestibular schwannomas following subtotal resection: early post-operative volume regression and facial nerve function. <i>Journal of Neuro-Oncology</i> , 2019, 143, 281-288.	2.9	19
110	Awake Versus Non-awake Surgery for Brain Surgery. , 2019, , 277-290.		0
111	Hypofractionated versus standard radiation therapy in combination with temozolomide for glioblastoma in the elderly: a meta-analysis. <i>Journal of Neuro-Oncology</i> , 2019, 143, 177-185.	2.9	23
112	A microphysiological model of the bronchial airways reveals the interplay of mechanical and biochemical signals in bronchospasm. <i>Nature Biomedical Engineering</i> , 2019, 3, 532-544.	22.5	25
113	Melatonin Enhances Cisplatin and Radiation Cytotoxicity in Head and Neck Squamous Cell Carcinoma by Stimulating Mitochondrial ROS Generation, Apoptosis, and Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	65
114	Cancer-selective nanoparticles for combinatorial siRNA delivery to primary human GBM in vitro and in vivo. <i>Biomaterials</i> , 2019, 209, 79-87.	11.4	69
115	A Human iPSC-derived 3D platform using primary brain cancer cells to study drug development and personalized medicine. <i>Scientific Reports</i> , 2019, 9, 1407.	3.3	61
116	The Reliability of YouTube Videos Describing Stereotactic Radiosurgery: A Call for Action. <i>World Neurosurgery</i> , 2019, 125, e398-e402.	1.3	15
117	Engineered nanoparticles for systemic siRNA delivery to malignant brain tumours. <i>Nanoscale</i> , 2019, 11, 20045-20057.	5.6	44
118	Treatment of brain metastases with stereotactic radiosurgery and immune checkpoint inhibitors: An international meta-analysis of individual patient data. <i>Radiotherapy and Oncology</i> , 2019, 130, 104-112.	0.6	189
119	Prognostic factors and survival in low grade gliomas of the spinal cord: A population-based analysis from 2006 to 2012. <i>Journal of Clinical Neuroscience</i> , 2019, 61, 14-21.	1.5	22
120	Effect of high flow transnasal dry air on core body temperature in intubated human subjects. <i>Resuscitation</i> , 2019, 134, 49-54.	3.0	6
121	Identifying Recurrent Malignant Glioma after Treatment Using Amide Proton Transfer-Weighted MR Imaging: A Validation Study with Image-Guided Stereotactic Biopsy. <i>Clinical Cancer Research</i> , 2019, 25, 552-561.	7.0	104
122	Advances in Brain Cancer: Creating Monoallelic Single Point Mutation in IDH1 by Single Base Editing. <i>Journal of Oncology Research and Therapy</i> , 2019, 5, .	0.0	2
123	High-frequency oscillations in awake patients undergoing brain tumor-related epilepsy surgery. <i>Neurology</i> , 2018, 90, e1119-e1125.	1.1	28
124	Central neurocytoma: Clinical characteristics, patterns of care, and survival. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 106-111.	1.5	19
125	Management and Survival of Adult Patients with Pilocytic Astrocytoma in the National Cancer Database. <i>World Neurosurgery</i> , 2018, 112, e881-e887.	1.3	26
126	Augmented reality for the surgeon: Systematic review. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2018, 14, e1914.	2.3	124



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127	Results of Percutaneous Balloon Compression in Trigeminal Pain Syndromes. <i>World Neurosurgery</i> , 2018, 114, e892-e899.	1.3	19
128	The Radiographic Effects of Surgical Approach and Use of Retractors on the Brain After Anterior Cranial Fossa Meningioma Resection. <i>World Neurosurgery</i> , 2018, 112, e505-e513.	1.3	12
129	Three-Hand Endoscopic Endonasal Transsphenoidal Surgery: Experience With an Anatomy-Preserving Mononostrial Approach Technique. <i>Operative Neurosurgery</i> , 2018, 14, 158-165.	0.8	10
130	Comparative analysis of monotherapy versus duotherapy antiseizure drug management for postoperative seizure control in patients undergoing an awake craniotomy. <i>Journal of Neurosurgery</i> , 2018, 128, 1661-1667.	1.6	15
131	Microsphere Embolization of Hypervascular Posterior Fossa Tumors. <i>World Neurosurgery</i> , 2018, 109, 182-187.	1.3	5
132	Intracranial melanotic schwannomas: a rare variant with unusual adherent features. <i>Journal of Neuro-Oncology</i> , 2018, 136, 299-306.	2.9	8
133	Awake-craniotomy for cavernoma resection. <i>Neurosurgical Focus</i> , 2018, 45, V3.	2.3	8
134	Impact of facility type and volume on post-surgical outcomes following diagnosis of WHO grade II glioma. <i>Journal of Clinical Neuroscience</i> , 2018, 58, 34-41.	1.5	11
135	HIV-1 Envelope Protein gp120 Promotes Proliferation and the Activation of Glycolysis in Glioma Cell. <i>Cancers</i> , 2018, 10, 301.	3.7	22
136	Heterozygous IDH1R132H/WT created by single base editing inhibits human astroglial cell growth by downregulating YAP. <i>Oncogene</i> , 2018, 37, 5160-5174.	5.9	27
137	Evidences in Neurological Surgery and a Cutting Edge Classification of the Trigemino-cardiac Reflex: A Systematic Review. <i>World Neurosurgery</i> , 2018, 117, 4-10.	1.3	19
138	Intraoperative Seizures in Awake Craniotomy for Periolandic Glioma Resections That Undergo Cortical Mapping. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2018, 79, 239-246.	0.8	41
139	The reliability of YouTube videos in patients education for Glioblastoma Treatment. <i>Journal of Clinical Neuroscience</i> , 2018, 55, 1-4.	1.5	67
140	Extending the resection beyond the contrast-enhancement for glioblastoma: feasibility, efficacy, and outcomes. <i>British Journal of Neurosurgery</i> , 2018, 32, 528-535.	0.8	44
141	National care among patients with WHO grade I intracranial meningioma. <i>Journal of Clinical Neuroscience</i> , 2018, 55, 17-24.	1.5	5
142	Olfactory Groove Meningiomas: Acute Presentation and Potential. <i>Acta Neurochirurgica Supplementum</i> , 2017, 124, 155-158.	1.0	0
143	Middle Temporal Gyrus Versus Inferior Temporal Gyrus Transcortical Approaches to High-Grade Astrocytomas in the Mediobasal Temporal Lobe: A Comparison of Outcomes, Functional Restoration, and Surgical Considerations. <i>Acta Neurochirurgica Supplementum</i> , 2017, 124, 159-164.	1.0	11
144	Continuous microfluidic assembly of biodegradable poly(beta-amino ester)/DNA nanoparticles for enhanced gene delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 1813-1825.	4.0	44

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145	Metastatic human breast cancer to the spine produces mechanical hyperalgesia and gait deficits in rodents. <i>Spine Journal</i> , 2017, 17, 1325-1334.	1.3	9
146	Volumetric Analysis of Extent of Resection, Survival, and Surgical Outcomes for Insular Gliomas. <i>World Neurosurgery</i> , 2017, 103, 265-274.	1.3	46
147	Comparative volumetric analysis of the extent of resection of molecularly and histologically distinct low grade gliomas and its role on survival. <i>Journal of Neuro-Oncology</i> , 2017, 134, 65-74.	2.9	46
148	Awake Craniotomy Anesthesia: A Comparison of the Monitored Anesthesia Care and Asleep-Awake-Asleep Techniques. <i>World Neurosurgery</i> , 2017, 104, 679-686.	1.3	64
149	Technical feasibility and safety of image-guided parieto-occipital ventricular catheter placement with the assistance of a wearable head-up display. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2017, 13, e1836.	2.3	19
150	Effects of primary and recurrent sacral chordoma on the motor and nociceptive function of hindlimbs in rats: an orthotopic spine model. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 215-226.	1.7	5
151	Electrophoresis of cell membrane heparan sulfate regulates galvanotaxis in glial cells. <i>Journal of Cell Science</i> , 2017, 130, 2459-2467.	2.0	16
152	The Cost of Brain Surgery: Awake vs Asleep Craniotomy for Periolandic Region Tumors. <i>Neurosurgery</i> , 2017, 81, 307-314.	1.1	59
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