Ian F Dunn

List of Publications by Year
in descending order

213 papers	16,297 citations	31976 53 h-index	17592 121 g-index
217 all docs	217 docs citations	217 times ranked	23237 citing authors

#	Article	IF	Citations
1	Activity of PD-1 blockade with nivolumab among patients with recurrent atypical/anaplastic meningioma: phase II trial results. Neuro-Oncology, 2022, 24, 101-113.	1.2	38
2	A molecularly integrated grade for meningioma. Neuro-Oncology, 2022, 24, 796-808.	1.2	83
3	Absence of Survival Improvement for Patients with Esthesioneuroblastoma Over the Past 2 Decades: A Population-Based Study. World Neurosurgery, 2022, 157, e245-e253.	1.3	1
4	Biology and Treatment of Meningiomas. Hematology/Oncology Clinics of North America, 2022, 36, 133-146.	2.2	3
5	Boomer Sooner: neurosurgery at the University of Oklahoma. Journal of Neurosurgery, 2022, 136, 575-583.	1.6	0
6	Treatment for Brain Metastases: ASCO-SNO-ASTRO Guideline. Journal of Clinical Oncology, 2022, 40, 492-516.	1.6	261
7	Polymorphous low-grade neuroepithelial tumor of the young: Rare tumor and review of the literature. Rare Tumors, 2022, 14, 203636132210833.	0.6	8
8	Chondrosarcoma and Chordoma of the Skull Base and Spine: Implication of Tumor Location on Patient Survival. World Neurosurgery, 2022, 162, e635-e639.	1.3	5
9	The Discrepancy Between Standard Histologic WHO Grading of Meningioma and Molecular Profile: A Single Institution Series. Frontiers in Oncology, 2022, 12, 846232.	2.8	3
10	Prognostic Implication of Patient Age in H3K27M-Mutant Midline Gliomas. Frontiers in Oncology, 2022, 12, 858148.	2.8	9
11	Early Detection and Management of Venous Thrombosis in Skull Base Surgery: Role of Routine Doppler Ultrasound Monitoring. Neurosurgery, 2022, 91, 115-122.	1.1	1
12	Posterior Clinoid Meningiomaâ€"A Formidable Entity: 2-Dimensional Operative Video. Operative Neurosurgery, 2022, 22, e216-e216.	0.8	0
13	Salvage brachytherapy for multiply recurrent metastatic brain tumors: A matched case analysis. Neuro-Oncology Advances, 2022, 4, vdac039.	0.7	0
14	Risk stratification of H3 K27Mâ€"mutant diffuse midline gliomas based on anatomical locations: an integrated systematic review of individual participant data. Journal of Neurosurgery: Pediatrics, 2022, 30, 99-106.	1.3	5
15	Dramatic response to targeted therapy in an aggressive olfactory neuroblastoma: illustrative case. Journal of Neurosurgery Case Lessons, 2022, 3, .	0.3	2
16	Risk factors for tumor recurrence and progression of spindle cell oncocytoma of the pituitary gland: a systematic review and pooled analysis. Pituitary, 2021, 24, 429-437.	2.9	5
17	An Evaluation of Neurosurgical Practices During the Coronavirus Disease 2019 Pandemic. World Neurosurgery, 2021, 146, e91-e99.	1.3	5
18	Postoperative Day 1 Morning Cortisol Value as a Biomarker to Predict Long-term Remission of Cushing Disease. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e94-e102.	3.6	9

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19	A rare giant mixed germ cell tumor of the pineal region with immature elements: Case report and review of the literature. Rare Tumors, 2021, 13, 20363613211026 5.	0.6	2
20	Clinical significance of checkpoint regulator â€œProgrammed death ligand-1 (PD-L1)â€•expression in meningioma: review of the current status. Journal of Neuro-Oncology, 2021, 151, 443-449.	2.9	13
21	Cavernous Sinus invasion by Growth-Hormone Secreting Pituitary Adenomas. Journal of Neurological Surgery, Part B: Skull Base, 2021, 82, .	0.8	0
22	Consolidating the Hyams grading system in esthesioneuroblastoma â€“ an individual participant data meta-analysis. Journal of Neuro-Oncology, 2021, 153, 15-22.	2.9	6
23	Surgical and Peri-Operative Considerations for Brain Metastases. Frontiers in Oncology, 2021, 11, 662943.	2.8	15
24	Prognostic importance of IDH mutations in chondrosarcoma: An individual patient data metaâ€•analysis. Cancer Medicine, 2021, 10, 4415-4423.	2.8	27
25	Robotics in spine surgery: A systematic review. Journal of Clinical Neuroscience, 2021, 89, 1-7.	1.5	20
26	Genomic landscape of gliosarcoma: distinguishing features and targetable alterations. Scientific Reports, 2021, 11, 18009.	3.3	11
27	Women in Neurosurgery Around the World: A Systematic Review and Discussion of Barriers, Training, Professional Development, and Solutions. World Neurosurgery, 2021, 154, 206-213.e18.	1.3	11
28	Immune profiling of pituitary tumors reveals variations in immune infiltration and checkpoint molecule expression. Pituitary, 2021, 24, 359-373.	2.9	12
29	Occipital condyle screw fixation after posterior decompression for Chiari malformation: Technical report and application. , 2021, 12, 543.		0
30	Pre- and Postoperative Neratinib for HER2-Positive Breast Cancer Brain Metastases: Translational Breast Cancer Research Consortium 022. Clinical Breast Cancer, 2020, 20, 145-151.e2.	2.4	21
31	Atypical Histopathological Features and the Risk of Treatment Failure in Nonmalignant Meningiomas: A Multi-Institutional Analysis. World Neurosurgery, 2020, 133, e804-e812.	1.3	4
32	Brachytherapy with surgical resection as salvage treatment for recurrent high-grade meningiomas: a matched cohort study. Journal of Neuro-Oncology, 2020, 146, 111-120.	2.9	6
33	Microscopic and Endoscopic Skull Base Approaches Hands-On Cadaver Course at 30: Historical Vignette. World Neurosurgery, 2020, 142, 434-440.	1.3	6
34	Impact of insurance on hospital course and readmission after resection of benign meningioma. Journal of Neuro-Oncology, 2020, 149, 131-140.	2.9	6
35	The interaction between TERT promoter mutation and MGMT promoter methylation on overall survival of glioma patients: a meta-analysis. BMC Cancer, 2020, 20, 897.	2.6	26
36	Targeting PD-L1 Initiates Effective Antitumor Immunity in a Murine Model of Cushing Disease. Clinical Cancer Research, 2020, 26, 1141-1151.	7.0	43

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37	GATA2 Regulates Constitutive PD-L1 and PD-L2 Expression in Brain Tumors. Scientific Reports, 2020, 10, 9027.	3.3	20
38	An Evaluation of Neurosurgical Resident Education and Sentiment During the Coronavirus Disease 2019 Pandemic: A North American Survey. World Neurosurgery, 2020, 140, e381-e386.	1.3	50
39	Translational Windows in Chordoma: A Target Appraisal. Frontiers in Neurology, 2020, 11, 657.	2.4	6
40	Perioperative nasal and paranasal sinus considerations in transsphenoidal surgery for pituitary disease. British Journal of Neurosurgery, 2020, 34, 246-252.	0.8	5
41	Is Falcine Meningioma a Diffuse Disease of the Falx? Case Series and Analysis of a â€œGrade Zeroâ€• Resection. Neurosurgery, 2020, 87, 900-909.	1.1	16
42	Immunophenotype of Vestibular Schwannomas. Otology and Neurotology, 2020, 41, e1290-e1296.	1.3	9
43	Bilateral occipital metastases: Visual deficits and management considerations. , 2020, 11, 428.		1
44	Headache outcomes after surgery for pineal cyst without hydrocephalus: A systematic review. , 2020, 11, 384.		8
45	Brachytherapy with Surgical Resection as Salvage Treatment for Recurrent High-Grade Meningiomas: A Matched Cohort Study. Journal of Neurological Surgery, Part B: Skull Base, 2020, 81, .	0.8	0
46	Variation in Coding Practices for Vestibular Schwannoma Surgery. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 096-102.	0.8	3
47	Venous Thromboembolism Prophylaxis: Safe, but Still Provocative?. Thrombosis and Haemostasis, 2019, 119, 1716-1718.	3.4	0
48	Advances in multidisciplinary therapy for meningiomas. Neuro-Oncology, 2019, 21, i18-i31.	1.2	102
49	Adverse Events After Microvascular Decompression: A National Surgical Quality Improvement Program Analysis. World Neurosurgery, 2019, 128, e884-e894.	1.3	16
50	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. Neuro-Oncology, 2019, 21, 901-910.	1.2	184
51	The Epigenomics of Pituitary Adenoma. Frontiers in Endocrinology, 2019, 10, 290.	3.5	33
52	Buparlisib in Patients With Recurrent Glioblastoma Harboring Phosphatidylinositol 3-Kinase Pathway Activation: An Open-Label, Multicenter, Multi-Arm, Phase II Trial. Journal of Clinical Oncology, 2019, 37, 741-750.	1.6	103
53	Artificial intelligence in cancer imaging: Clinical challenges and applications. Ca-A Cancer Journal for Clinicians, 2019, 69, 127-157.	329.8	965
54	Efficacy of adjuvant radiotherapy for atypical and anaplastic meningioma. Cancer Medicine, 2019, 8, 13-20.	2.8	55

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55	Iatrogenic Inner Ear Dehiscence After Lateral Skull Base Surgery: Therapeutic Dilemma and Treatment Options. Otology and Neurotology, 2019, 40, e399-e404.	1.3	5
56	Predicting Readmission and Reoperation for Benign Cranial Nerve Neoplasms: A Nationwide Analysis. World Neurosurgery, 2019, 121, e223-e229.	1.3	4
57	Neurosurgical Resection and Stereotactic Radiation Versus Stereotactic Radiation Alone in Patients with a Single or Solitary Brain Metastasis. World Neurosurgery, 2019, 122, e1557-e1561.	1.3	17
58	Imaging and diagnostic advances for intracranial meningiomas. Neuro-Oncology, 2019, 21, i44-i61.	1.2	100
59	Molecular and translational advances in meningiomas. Neuro-Oncology, 2019, 21, i4-i17.	1.2	92
60	21 Clival Chordomas. , 2019, , 313-339.		0
61	Predicting Readmission and Reoperation for Vestibular Schwannoma: A Nationwide Analysis. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, .	0.8	0
62	Does Patient Insurance Affect Readmission for Skull Base Tumors after Craniotomy?. , 2019, 80, .		0
63	Anatomy of a Comprehensive Skull Base Program: 2008â€"2018. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, .	0.8	0
64	Do Medically Uncomplicated Patients Benefit from Early Discharge after Resection of Meningioma?. , 2019, 80, .		0
65	The Emerging Epigenetic Landscape of Pituitary Tumors: Implications for Current Classification Schema. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, .	0.8	0
66	Medical management of meningioma in the era of precision medicine. Neurosurgical Focus, 2018, 44, E3.	2.3	45
67	High-grade meningiomas: biology and implications. Neurosurgical Focus, 2018, 44, E2.	2.3	31
68	Genomic Alterations in Sporadic Pituitary Tumors. Current Neurology and Neuroscience Reports, 2018, 18, 4.	4.2	12
69	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on Surgical Resection for the Treatment of Patients With Vestibular Schwannomas. Neurosurgery, 2018, 82, E40-E43.	1.1	56
70	Clinical applications of dynamic CT angiography for intracranial lesions. Acta Neurochirurgica, 2018, 160, 675-680.	1.7	28
71	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Role of Imaging in the Diagnosis and Management of Patients With Vestibular Schwannomas. Neurosurgery, 2018, 82, E32-E34.	1.1	45
72	Pediatric Clival Chordoma: A Curable Disease that Conforms to Collins' Law. Neurosurgery, 2018, 82, 652-660.	1.1	18

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73	Prosthetic Replacement of the Ocular Surface Ecosystem Treatment of Ocular Surface Disease After Skull Base Tumor Resection. World Neurosurgery, 2018, 110, e124-e128.	1.3	5
74	Mismatch Repair Deficiency in High-Grade Meningioma: A Rare but Recurrent Event Associated With Dramatic Immune Activation and Clinical Response to PD-1 Blockade. JCO Precision Oncology, 2018, 2018, 1-12.	3.0	35
75	CMET-07. FRAILTY PREDICTS MORTALITY AFTER RESECTION OF BRAIN METASTASES. Neuro-Oncology, 2018, 20, vi55-vi55.	1.2	0
76	Demonstration of Infectious Transgression Through the Skull Base Occurring 9 Years After Pituitary Adenoma Resection. World Neurosurgery, 2018, 119, 215-219.	1.3	6
77	Craniopharyngioma: a roadmap for scientific translation. Neurosurgical Focus, 2018, 44, E12.	2.3	26
78	An updated assessment of morbidity and mortality following skull base surgical approaches. Clinical Neurology and Neurosurgery, 2018, 171, 109-115.	1.4	6
79	Immune Microenvironment of Vestibular Schwannomas. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.8	1
80	Immune Microenvironment of Pituitary Adenomas. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.8	0
81	3D Printing and Intraoperative Neuronavigation Tailoring for Skull Base Reconstruction after Extended Endoscopic Endonasal Surgery. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.8	0
82	Surgical Resection of Pineal Cyst for Intractable Headache: An Evolving Concept?. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.8	0
83	Variation in Coding Practices for Vestibular Schwannoma Surgery. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.8	0
84	Germline and somatic BAP1 mutations in high-grade rhabdoid meningiomas. Neuro-Oncology, 2017, 19, now235.	1.2	99
85	Body habitus, serum albumin, and the outcomes after craniotomy for tumor: a National Surgical Quality Improvement Program analysis. Journal of Neurosurgery, 2017, 126, 677-689.	1.6	23
86	Timing of Decompressive Hemicraniectomy for Stroke. Stroke, 2017, 48, 704-711.	2.0	78
87	Superior semicircular canal dehiscence syndrome. Journal of Neurosurgery, 2017, 127, 1268-1276.	1.6	39
88	Readmission and Other Adverse Events after Transsphenoidal Surgery: Prevalence, Timing, and Predictive Factors. Journal of the American College of Surgeons, 2017, 224, 971-979.	0.5	51
89	Hybrid Surgery Management of Giant Hypervascular Tumors: Intraoperative Endovascular Embolization with Microsurgical Resection. World Neurosurgery, 2017, 102, 157-166.	1.3	7
90	Clinical Identification of Oncogenic Drivers and Copy-Number Alterations in Pituitary Tumors. Endocrinology, 2017, 158, 2284-2291.	2.8	53

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91	Incidence and prognosis of patients with brain metastases at diagnosis of systemic malignancy: a population-based study. Neuro-Oncology, 2017, 19, 1511-1521.	1.2	483
92	Genomic landscape of high-grade meningiomas. Npj Genomic Medicine, 2017, 2, .	3.8	130
93	Delayed Carotid Pseudoaneurysms from Iatrogenic Clival Meningeal Branches Avulsion: Recognition and Proposed Management. World Neurosurgery, 2017, 104, 736-744.	1.3	3
94	Salvage re-irradiation for recurrent high-grade glioma and comparison to bevacizumab alone. Journal of Neuro-Oncology, 2017, 135, 581-591.	2.9	15
95	Readmission After Craniotomy for Tumor: A National Surgical Quality Improvement Program Analysis. Neurosurgery, 2017, 80, 551-562.	1.1	49
96	Unplanned Reoperation After Craniotomy for Tumor: A National Surgical Quality Improvement Program Analysis. Neurosurgery, 2017, 81, 761-771.	1.1	36
97	Impact of operative length on post-operative complications in meningioma surgery: a NSQIP analysis. Journal of Neuro-Oncology, 2017, 131, 59-67.	2.9	36
98	Landscape of Genomic Alterations in Pituitary Adenomas. Clinical Cancer Research, 2017, 23, 1841-1851.	7.0	94
99	Osteoglycin promotes meningioma development through downregulation of NF2 and activation of mTOR signaling. Cell Communication and Signaling, 2017, 15, 34.	6.5	21
100	Genomic profile of human meningioma cell lines. PLoS ONE, 2017, 12, e0178322.	2.5	44
101	Management of intracranial melanomas in the era of precision medicine. Oncotarget, 2017, 8, 89326-89347.	1.8	16
102	Radiographic Prediction of Meningioma Grade and Genomic Profile. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.8	1
103	Radiographic prediction of meningioma grade by semantic and radiomic features. PLoS ONE, 2017, 12, e0187908.	2.5	109
104	Current and emerging principles in surgery for meningioma. Chinese Clinical Oncology, 2017, 6, S7-S7.	1.2	17
105	Natural history of cranial fibrous dysplasia revealed during long-term follow-up: Case report and literature review. , 2017, 8, 209.		10
106	Orbital leiomyosarcoma metastasis presenting prior to diagnosis of the primary tumor. Digital Journal of Ophthalmology: DJO, 2017, 23, 113-117.	0.6	2
107	Craniopharyngioma Pathogenesis and Implications for Medical Management. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.8	0
108	Genomic Landscape of High-grade Meningiomas. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.8	0

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109	Applications of Dynamic CT Angiography. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.8	0
110	Increased expression of programmed death ligand 1 (PD-L1) in human pituitary tumors. Oncotarget, 2016, 7, 76565-76576.	1.8	100
111	Meningioma Genomics: Diagnostic, Prognostic, and Therapeutic Applications. Frontiers in Surgery, 2016, 3, 40.	1.4	70
112	Commentary on. Journal of Craniofacial Surgery, 2016, 27, 1031.	0.7	0
113	Updates in the management of brain metastases. Neuro-Oncology, 2016, 18, 1043-1065.	1.2	209
114	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guidelines on the Management of Patients With Nonfunctioning Pituitary Adenomas. Neurosurgery, 2016, 79, 521-523.	1.1	38
115	Congress of Neurological Surgeons Systematic Review and Evidence-Based Guideline on Posttreatment Follow-up Evaluation of Patients With Nonfunctioning Pituitary Adenomas. Neurosurgery, 2016, 79, E541-E543.	1.1	34
116	Predictors of aggressive clinical phenotype among immunohistochemically confirmed atypical adenomas. Journal of Clinical Neuroscience, 2016, 34, 246-251.	1.5	34
117	How a Lumbar Diskectomy Influenced Medical Malpractice and the Landscape of Health Care. World Neurosurgery, 2016, 86, 88-92.	1.3	3
118	Time Course of Symptomatic Recovery After Endoscopic Transsphenoidal Surgery for Pituitary Adenoma Apoplexy in the Modern Era. World Neurosurgery, 2016, 96, 434-439.	1.3	31
119	The genomic landscape of schwannoma. Nature Genetics, 2016, 48, 1339-1348.	21.4	124
120	Genomic characterization of recurrent high-grade astroblastoma. Cancer Genetics, 2016, 209, 321-330.	0.4	17
121	Checkpoint inhibition in meningiomas. Immunotherapy, 2016, 8, 721-731.	2.0	22
122	Adult Atypical Teratoid/Rhabdoid Tumors. World Neurosurgery, 2016, 85, 197-204.	1.3	27
123	Thrombocytopenia and craniotomy for tumor: A National Surgical Quality Improvement Program analysis. Cancer, 2016, 122, 1708-1717.	4.1	28
124	Genomic landscape of intracranial meningiomas. Journal of Neurosurgery, 2016, 125, 525-535.	1.6	104
125	The Efficacy of Antibacterial Prophylaxis Against the Development of Meningitis After Craniotomy: A Meta-Analysis. World Neurosurgery, 2016, 90, 597-603.e1.	1.3	24
126	Genomic and Epigenomic Landscape in Meningioma. Neurosurgery Clinics of North America, 2016, 27, 167-179.	1.7	31

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127	The frequency and severity of intracranial hypotension post-intraoperative lumbar drainage using a Tuohy needle and the traditional needle. British Journal of Neurosurgery, 2016, 30, 438-443.	0.8	8
128	Metastatic Gastrointestinal Stromal Tumor to the Skull. World Neurosurgery, 2016, 89, 725.e11-725.e16.	1.3	6
129	Integrated Genomic Characterization of a Pineal Parenchymal Tumor of Intermediate Differentiation. World Neurosurgery, 2016, 85, 96-105.	1.3	14
130	Oncogenic PI3K mutations are as common asAKT1andSMOmutations in meningioma. Neuro-Oncology, 2016, 18, 649-655.	1.2	221
131	High incidence of TERT mutation in brain tumor cell lines. Brain Tumor Pathology, 2016, 33, 222-227.	1.7	26
132	The Neurocritical and Neurosurgical Care of Subdural Hematomas. Neurocritical Care, 2016, 24, 294-307.	2.4	30
133	A prognostic cytogenetic scoring system to guide the adjuvant management of patients with atypical meningioma. Neuro-Oncology, 2016, 18, 269-274.	1.2	64
134	Dramatic Response of BRAF V600E Mutant Papillary Craniopharyngioma to Targeted Therapy. Journal of the National Cancer Institute, 2016, 108, djv310.	6.3	182
135	MAPK activation andHRASmutation identified in pituitary spindle cell oncocytoma. Oncotarget, 2016, 7, 37054-37063.	1.8	27
136	Extent of resection and overall survival for patients with atypical and malignant meningioma. Cancer, 2015, 121, 4376-4381.	4.1	144
137	Length of hospital stay after craniotomy for tumor: a National Surgical Quality Improvement Program analysis. Neurosurgical Focus, 2015, 39, E12.	2.3	118
138	Increased expression of the immune modulatory molecule PD-L1 (CD274) in anaplastic meningioma. Oncotarget, 2015, 6, 4704-4716.	1.8	127
139	Extracranial growth of glioblastoma multiforme. Journal of Clinical Neuroscience, 2015, 22, 1521-1523.	1.5	25
140	Pre-operative image-based segmentation of the cranial nerves and blood vessels in microvascular decompression: Can we prevent unnecessary explorations?. Clinical Neurology and Neurosurgery, 2015, 139, 159-165.	1.4	25
141	The Expanding Spectrum of Disease Treated by the Transnasal, Transsphenoidal Microscopic and Endoscopic Anterior Skull Base Approach: A Single-Center Experience 2008â€“2015. World Neurosurgery, 2015, 84, 899-905.	1.3	24
142	MALDI mass spectrometry imaging analysis of pituitary adenomas for near-real-time tumor delineation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9978-9983.	7.1	73
143	Recurrent radiation necrosis in the brain following stereotactic radiosurgery. Practical Radiation Oncology, 2015, 5, e151-e154.	2.1	4
144	Molecular typing of meningiomas by desorption electrospray ionization mass spectrometry imaging for surgical decision-making. International Journal of Mass Spectrometry, 2015, 377, 690-698.	1.5	46

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145	Above and Below: Anterior Fossa Meningioma Resection. World Neurosurgery, 2015, 83, 771-772.	1.3	1
146	Hypofractionated Versus Standard Radiation Therapy With or Without Temozolomide for Older Glioblastoma Patients. International Journal of Radiation Oncology Biology Physics, 2015, 92, 384-389.	0.8	46
147	Basilar Invagination: Case Report and Literature Review. World Neurosurgery, 2015, 83, 1180.e7-1180.e11.	1.3	23
148	Multicentric Low-Grade Gliomas. World Neurosurgery, 2015, 84, 1045-1050.	1.3	5
149	Incidence, risk factors, and reasons for hospitalization among glioblastoma patients receiving chemoradiation. Journal of Neuro-Oncology, 2015, 124, 137-146.	2.9	12
150	The combined microscopic-endoscopic technique for radical resection of cerebellopontine angle tumors. Journal of Neurosurgery, 2015, 123, 1301-1311.	1.6	49
151	ARID1A and TERT promoter mutations in dedifferentiated meningioma. Cancer Genetics, 2015, 208, 345-350.	0.4	73
152	Intrasellar abscess following pituitary surgery. Pituitary, 2015, 18, 731-737.	2.9	15
153	Utility of dynamic computed tomography angiography in the preoperative evaluation of skull base tumors. Journal of Neurosurgery, 2015, 123, 1-8.	1.6	82
154	Clinical implementation of integrated whole-genome copy number and mutation profiling for glioblastoma. Neuro-Oncology, 2015, 17, 1344-1355.	1.2	40
155	â€œExtraoperativeâ€•MRI (eoMRI) for Brain Tumor Surgery: Initial Results at a Single Institution. World Neurosurgery, 2015, 83, 921-928.	1.3	1
156	Genomic Characterization of Brain Metastases Reveals Branched Evolution and Potential Therapeutic Targets. Cancer Discovery, 2015, 5, 1164-1177.	9.4	821
157	Evitaâ€™s lobotomy. Journal of Clinical Neuroscience, 2015, 22, 1883-1888.	1.5	4
158	Pseudo-Cerebrospinal Fluid Rhinorrhea Resulting from Aberrant Cross-Innervation of Trigeminal and Facial Nerves following Skull Base Surgery. Journal of Neurological Surgery Reports, 2015, 76, e62-e64.	0.6	1
159	Letter to the Editor: Save the nerve. Journal of Neurosurgery, 2015, 123, 821-823.	1.6	10
160	The neurosurgeon as baseball fan and inventor: Walter Dandy and the batterâ€™s helmet. Neurosurgical Focus, 2015, 39, E9.	2.3	2
161	Salvage whole brain radiotherapy or stereotactic radiosurgery after initial stereotactic radiosurgery for 1â€“4 brain metastases. Journal of Neuro-Oncology, 2015, 124, 429-437.	2.9	13
162	The Assassination of Abraham Lincoln and the Evolution of Neuro-Trauma Care: Would the 16th President Have Survived in the Modern Era?. World Neurosurgery, 2015, 84, 1453-1457.	1.3	3

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163	Academic Productivity in Today's Training Climate: A Fellowship's Impact. World Neurosurgery, 2015, 83, 328-329.	1.3	1
164	Intraoperative development of tension pneumocephalus in a patient undergoing repair of a cranial-dural defect under nitrous oxide anesthesia. Journal of Surgical Technique and Case Report, 2015, 7, 20.	0.2	12
165	Angiomatous meningiomas have a distinct genetic profile with multiple chromosomal polysomies including polysomy of chromosome 5. Oncotarget, 2014, 5, 10596-10606.	1.8	65
166	Medial acoustic neuromas: clinical and surgical implications. Journal of Neurosurgery, 2014, 120, 1095-1104.	1.6	20
167	Local control after fractionated stereotactic radiation therapy for brain metastases. Journal of Neuro-Oncology, 2014, 120, 339-346.	2.9	37
168	Fusiform aneurysms of the lenticulostriate artery. Journal of Clinical Neuroscience, 2014, 21, 373-377.	1.5	8
169	Exome sequencing identifies BRAF mutations in papillary craniopharyngiomas. Nature Genetics, 2014, 46, 161-165.	21.4	408
170	Isolated cerebral mucormycosis of the basal ganglia. Clinical Neurology and Neurosurgery, 2014, 124, 102-105.	1.4	24
171	Intraoperative mass spectrometry mapping of an onco-metabolite to guide brain tumor surgery. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11121-11126.	7.1	230
172	Adjuvant radiation therapy, local recurrence, and the need for salvage therapy in atypical meningioma. Neuro-Oncology, 2014, 16, 1547-1553.	1.2	80
173	Hypofractionated (HRT) versus standard (SRT) radiotherapy with or without temozolomide (T) for elderly patients with glioblastoma (GBM).. Journal of Clinical Oncology, 2014, 32, 2065-2065.	1.6	1
174	Clinical multiplexed exome sequencing distinguishes adult oligodendroglial neoplasms from astrocytic and mixed lineage gliomas. Oncotarget, 2014, 5, 8083-8092.	1.8	55
175	Integrative whole-genome copy number analysis and mutation profiling of FFPE brain tumor specimens and potential in designing multi-arm clinical trials.. Journal of Clinical Oncology, 2014, 32, 11098-11098.	1.6	0
176	Ambient mass spectrometry for the intraoperative molecular diagnosis of human brain tumors. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1611-1616.	7.1	251
177	Genomic sequencing of meningiomas identifies oncogenic SMO and AKT1 mutations. Nature Genetics, 2013, 45, 285-289.	21.4	532
178	Mass spectrometry imaging as a tool for surgical decisionâ€making. Journal of Mass Spectrometry, 2013, 48, 1178-1187.	1.6	85
179	Genomic analysis of diffuse pediatric low-grade gliomas identifies recurrent oncogenic truncating rearrangements in the transcription factor MYBL1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8188-8193.	7.1	188
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