

Chetan Bettegowda

List of Publications by Year in descending order

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Version: 2024-02-01

225
papers

20,188
citations

38742
50
h-index

11308
136
g-index

231
all docs

231
docs citations

231
times ranked

29245
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Circulating Tumor DNA in Early- and Late-Stage Human Malignancies. Science Translational Medicine, 2014, 6, 224ra24.	12.4	3,665
2	Detection and localization of surgically resectable cancers with a multi-analyte blood test. Science, 2018, 359, 926-930.	12.6	1,872
3	Exome Sequencing of Head and Neck Squamous Cell Carcinoma Reveals Inactivating Mutations in <i>NOTCH1</i> . Science, 2011, 333, 1154-1157.	12.6	1,568
4	<i>TERT</i> promoter mutations occur frequently in gliomas and a subset of tumors derived from cells with low rates of self-renewal. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6021-6026.	7.1	1,202
5	Altered Telomeres in Tumors with <i>ATRX</i> and <i>DAXX</i> Mutations. Science, 2011, 333, 425-425.	12.6	891
6	Current state of immunotherapy for glioblastoma. Nature Reviews Clinical Oncology, 2018, 15, 422-442.	27.6	873
7	The Genetic Landscape of the Childhood Cancer Medulloblastoma. Science, 2011, 331, 435-439.	12.6	652
8	Frequent <i>ATRX</i> , <i>CIC</i> , <i>FUBP1</i> and <i>IDH1</i> mutations refine the classification of malignant gliomas. Oncotarget, 2012, 3, 709-722.	1.8	532
9	Mutations in <i>CIC</i> and <i>FUBP1</i> Contribute to Human Oligodendroglioma. Science, 2011, 333, 1453-1455.	12.6	485
10	Detection of somatic mutations and HPV in the saliva and plasma of patients with head and neck squamous cell carcinomas. Science Translational Medicine, 2015, 7, 293ra104.	12.4	372
11	Feasibility of blood testing combined with PET-CT to screen for cancer and guide intervention. Science, 2020, 369, .	12.6	351
12	Comparative Genomic Analysis of Esophageal Adenocarcinoma and Squamous Cell Carcinoma. Cancer Discovery, 2012, 2, 899-905.	9.4	342
13	Detection of tumor-derived DNA in cerebrospinal fluid of patients with primary tumors of the brain and spinal cord. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 9704-9709.	7.1	317
14	Intratumoral injection of <i>Clostridium novyi</i> -NT spores induces antitumor responses. Science Translational Medicine, 2014, 6, 249ra111.	12.4	285
15	Evaluation of DNA from the Papanicolaou Test to Detect Ovarian and Endometrial Cancers. Science Translational Medicine, 2013, 5, 167ra4.	12.4	264
16	Somatic mutations of SUZ12 in malignant peripheral nerve sheath tumors. Nature Genetics, 2014, 46, 1170-1172.	21.4	247
17	Bacteriolytic therapy can generate a potent immune response against experimental tumors. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15172-15177.	7.1	244
18	Anti-“PD-1 antitumor immunity is enhanced by local and abrogated by systemic chemotherapy in GBM. Science Translational Medicine, 2016, 8, 370ra180.	12.4	243

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19	Exomic Sequencing of Medullary Thyroid Cancer Reveals Dominant and Mutually Exclusive Oncogenic Mutations in RET and RAS. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E364-E369.	3.6	213
20	Targeting a neoantigen derived from a common TP53 mutation. <i>Science</i> , 2021, 371, .	12.6	194
21	Prospective study on embolization of intracranial aneurysms with the pipeline device: the PREMIER study 1 year results. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 62-66.	3.3	178
22	Detection of wild-type EGFR amplification and EGFRvIII mutation in CSF-derived extracellular vesicles of glioblastoma patients. <i>Neuro-Oncology</i> , 2017, 19, 1494-1502.	1.2	168
23	A Bacterial Protein Enhances the Release and Efficacy of Liposomal Cancer Drugs. <i>Science</i> , 2006, 314, 1308-1311.	12.6	159
24	Applications of liquid biopsies for cancer. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	151
25	Overcoming the hypoxic barrier to radiation therapy with anaerobic bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15083-15088.	7.1	145
26	The genome and transcriptomes of the anti-tumor agent <i>Clostridium novyi</i> -NT. <i>Nature Biotechnology</i> , 2006, 24, 1573-1580.	17.5	128
27	Imaging bacterial infections with radiolabeled 1-(2'-deoxy-2'-fluoro- β -D-arabinofuranosyl)-5-iodouracil. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1145-1150.	7.1	125
28	Preventing cytokine storm syndrome in COVID-19 using β -1 adrenergic receptor antagonists. <i>Journal of Clinical Investigation</i> , 2020, 130, 3345-3347.	8.2	107
29	Bispecific antibodies targeting mutant RAS neoantigens. <i>Science Immunology</i> , 2021, 6, .	11.9	106
30	Targeting Vascular and Avascular Compartments of Tumors with <i>C. novyi</i> -NT and Anti-microtubule Agents. <i>Cancer Biology and Therapy</i> , 2004, 3, 326-337.	3.4	92
31	Pharmacologic and Toxicologic Evaluation of <i>C. novyi</i> -NT Spores. <i>Toxicological Sciences</i> , 2005, 88, 562-575.	3.1	90
32	Mobile spine chordoma: results of 166 patients from the AOSpine Knowledge Forum Tumor database. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 644-651.	1.7	87
33	Imaging of Musculoskeletal Bacterial Infections by [124 I]FIAU-PET/CT. <i>PLoS ONE</i> , 2007, 2, e1007.	2.5	86
34	Nicotine-Dizocilpine Interactions and Working and Reference Memory Performance of Rats in the Radial-Arm Maze. <i>Pharmacology Biochemistry and Behavior</i> , 1998, 61, 335-340.	2.9	84
35	Effect of Vocimagene Amiretrorepvec in Combination With Flucytosine vs Standard of Care on Survival Following Tumor Resection in Patients With Recurrent High-Grade Glioma. <i>JAMA Oncology</i> , 2020, 6, 1939.	7.1	84
36	The evolution of surgical management for craniosynostosis. <i>Neurosurgical Focus</i> , 2010, 29, E5.	2.3	82

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37	Targeting public neoantigens for cancer immunotherapy. <i>Nature Cancer</i> , 2021, 2, 487-497.	13.2	79
38	Treatment of choroid plexus tumors: a 20-year single institutional experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 10, 398-405.	1.3	76
39	Development of a Metastatic Spinal Tumor Frailty Index (MSTFI) Using a Nationwide Database and Its Association with Inpatient Morbidity, Mortality, and Length of Stay After Spine Surgery. <i>World Neurosurgery</i> , 2016, 95, 548-555.e4.	1.3	75
40	Pituitary adenomas: historical perspective, surgical management and future directions. <i>CNS Oncology</i> , 2015, 4, 411-429.	3.0	73
41	Risk Factors for Recurrence of Surgically Treated Conventional Spinal Schwannomas. <i>Spine</i> , 2016, 41, 390-398.	2.0	71
42	Exomic Sequencing of Four Rare Central Nervous System Tumor Types. <i>Oncotarget</i> , 2013, 4, 572-583.	1.8	69
43	Incidence and clinicopathologic features of H3 K27M mutations in adults with radiographically-determined midline gliomas. <i>Journal of Neuro-Oncology</i> , 2019, 143, 87-93.	2.9	68
44	Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke. <i>Head and Neck</i> , 2015, 37, 1642-1649.	2.0	66
45	Applications of DNA-Based Liquid Biopsy for Central Nervous System Neoplasms. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 24-34.	2.8	65
46	Subependymoma: clinical features and surgical outcomes. <i>Neurological Research</i> , 2012, 34, 677-684.	1.3	64
47	Essential Concepts for the Management of Metastatic Spine Disease: What the Surgeon Should Know and Practice. <i>Global Spine Journal</i> , 2019, 9, 98S-107S.	2.3	59
48	Aneurysmal bone cysts of the spine: treatment options and considerations. <i>Journal of Neuro-Oncology</i> , 2014, 120, 171-178.	2.9	58
49	Spinal Hemangiomas. <i>Spine</i> , 2015, 40, 656-664.	2.0	54
50	Spinal cord tumours: advances in genetics and their implications for treatment. <i>Nature Reviews Neurology</i> , 2013, 9, 257-266.	10.1	53
51	Percutaneous Procedures for the Treatment of Trigeminal Neuralgia. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 277-295.	1.7	53
52	Assessing aneuploidy with repetitive element sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4858-4863.	7.1	50
53	<i>TERT</i> Promoter Mutation Analysis for Blood-Based Diagnosis and Monitoring of Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 169-178.	7.0	50
54	A systematic review and meta-analysis of supratotal versus gross total resection for glioblastoma. <i>Journal of Neuro-Oncology</i> , 2020, 148, 419-431.	2.9	48

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55	[124I]FIAU: Human dosimetry and infection imaging in patients with suspected prosthetic joint infection. Nuclear Medicine and Biology, 2016, 43, 273-279.	0.6	47
56	Metastatic Spine Disease: Should Patients With Short Life Expectancy Be Denied Surgical Care? An International Retrospective Cohort Study. Neurosurgery, 2020, 87, 303-311.	1.1	47
57	The potential of cerebrospinal fluidâ€‘based liquid biopsy approaches in CNS tumors. Neuro-Oncology, 2019, 21, 1509-1518.	1.2	46
58	Spore Coat Architecture of Clostridium novyi NT Spores. Journal of Bacteriology, 2007, 189, 6457-6468.	2.2	45
59	Surgical Management of Spinal Chondrosarcomas. Spine, 2016, 41, 678-685.	2.0	43
60	Spinal cord tethering following myelomeningocele repair. Journal of Neurosurgery: Pediatrics, 2010, 6, 498-505.	1.3	42
61	Long-term outcomes in primary spinal osteochondroma: a multicenter study of 27 patients. Journal of Neurosurgery: Spine, 2015, 22, 582-588.	1.7	41
62	Extraneural Glioblastoma Multiforme Vertebral Metastasis. World Neurosurgery, 2016, 89, 578-582.e3.	1.3	41
63	Noninvasive imaging of infection after treatment with tumorâ€‘homing bacteria using Chemical Exchange Saturation Transfer (CEST) MRI. Magnetic Resonance in Medicine, 2013, 70, 1690-1698.	3.0	39
64	A Systematic Review of Clinical Outcomes and Prognostic Factors for Patients Undergoing Surgery for Spinal Metastases Secondary to Breast Cancer. Global Spine Journal, 2016, 6, 482-496.	2.3	39
65	Targeting loss of heterozygosity for cancer-specific immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	39
66	Pre- and post-operative plasma glial fibrillary acidic protein levels in patients with newly diagnosed gliomas. Journal of Neuro-Oncology, 2012, 109, 123-127.	2.9	38
67	Liquid biopsy in gliomas: A RANO review and proposals for clinical applications. Neuro-Oncology, 2022, 24, 855-871.	1.2	38
68	Hyper-recombination and genetic instability in BLM-deficient epithelial cells. Cancer Research, 2003, 63, 8578-81.	0.9	38
69	Risk Factors for Preoperative Seizures and Loss of Seizure Control in Patients Undergoing Surgery for Metastatic Brain Tumors. World Neurosurgery, 2017, 104, 120-128.	1.3	37
70	The Relevance of Simpson Grade Resections in Modern Neurosurgical Treatment of World Health Organization Grade I, II, and III Meningiomas. World Neurosurgery, 2018, 109, e588-e593.	1.3	37
71	Survival, local control, and healthâ€‘related quality of life in patients with oligometastatic and polymetastatic spinal tumors: A multicenter, international study. Cancer, 2019, 125, 770-778.	4.1	37
72	Erlotinib Inhibits Growth of a Patient-Derived Chordoma Xenograft. PLoS ONE, 2013, 8, e78895.	2.5	37

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73	Current treatment strategy for newly diagnosed chordoma of the mobile spine and sacrum: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 119-125.	1.7	35
74	Reduced CSF leak in complete calvarial reconstructions of microvascular decompression craniectomies using calcium phosphate cement. <i>Journal of Neurosurgery</i> , 2015, 123, 1476-1479.	1.6	34
75	Molecular Markers and Targeted Therapeutics in Metastatic Tumors of the Spine. <i>Spine</i> , 2016, 41, S218-S223.	2.0	33
76	Pembrolizumab for patients with leptomeningeal metastasis from solid tumors: efficacy, safety, and cerebrospinal fluid biomarkers. , 2021, 9, e002473.		33
77	Psychometric evaluation and adaptation of the Spine Oncology Study Group Outcomes Questionnaire to evaluate health-related quality of life in patients with spinal metastases. <i>Cancer</i> , 2018, 124, 1828-1838.	4.1	31
78	Genomic analysis identifies frequent deletions of Dystrophin in olfactory neuroblastoma. <i>Nature Communications</i> , 2018, 9, 5410.	12.8	30
79	TCR Î² chain-directed bispecific antibodies for the treatment of T cell cancers. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	30
80	Pediatric spinal glioblastoma multiforme: current treatment strategies and possible predictors of survival. <i>Child's Nervous System</i> , 2012, 28, 715-720.	1.1	29
81	Association of neurologic deficits with surgical outcomes and health-related quality of life after treatment for metastatic epidural spinal cord compression. <i>Cancer</i> , 2019, 125, 4224-4231.	4.1	29
82	Risk of surgical site infection in 401 consecutive patients with glioblastoma with and without carmustine wafer implantation. <i>Neurological Research</i> , 2015, 37, 717-726.	1.3	28
83	Genomic Landscape of Intramedullary Spinal Cord Gliomas. <i>Scientific Reports</i> , 2019, 9, 18722.	3.3	28
84	Spinal column chordoma: prognostic significance of clinical variables and T (brachyury) gene SNP rs2305089 for local recurrence and overall survival. <i>Neuro-Oncology</i> , 2016, 19, now156.	1.2	27
85	Preresidency Publication Number Does Not Predict Academic Career Placement in Neurosurgery. <i>World Neurosurgery</i> , 2017, 101, 350-356.	1.3	27
86	Ewing Sarcoma of the Spine. <i>Spine</i> , 2018, 43, 622-629.	2.0	27
87	Local and Distant Recurrence in Resected Sacral Chordomas: A Systematic Review and Pooled Cohort Analysis. <i>Global Spine Journal</i> , 2019, 9, 191-201.	2.3	27
88	Ultrasensitive detection of tumor-specific mutations in saliva of patients with oral cavity squamous cell carcinoma. <i>Cancer</i> , 2021, 127, 1576-1589.	4.1	27
89	Prognostic factors associated with pain palliation after spine stereotactic body radiation therapy. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 620-629.	1.7	26
90	Factors associated with survival and recurrence for patients undergoing surgery of cerebellar metastases. <i>Neurological Research</i> , 2014, 36, 13-25.	1.3	25

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91	The Association Between Alpha-1 Adrenergic Receptor Antagonists and In-Hospital Mortality From COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, 637647.	2.6	25
92	Emerging and established clinical, histopathological and molecular parametric prognostic factors for metastatic spine disease secondary to lung cancer: Helping surgeons make decisions. <i>Journal of Clinical Neuroscience</i> , 2016, 34, 15-22.	1.5	24
93	<i>BRAF</i> V600 mutational status affects recurrence patterns of melanoma brain metastasis. <i>International Journal of Cancer</i> , 2017, 140, 2716-2727.	5.1	24
94	Efficacy of primary microvascular decompression versus subsequent microvascular decompression for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2017, 126, 1691-1697.	1.6	24
95	Subependymal giant cell astrocytoma-like astrocytoma: a neoplasm with a distinct phenotype and frequent neurofibromatosis type-1-association. <i>Modern Pathology</i> , 2018, 31, 1787-1800.	5.5	24
96	Prospective study on embolization of intracranial aneurysms with the pipeline device (PREMIER study): 3-year results with the application of a flow diverter specific occlusion classification. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 248-254.	3.3	24
97	Where are we now? And where are we going? A report from the Accelerate Brain Cancer Cure (ABC2) Low-grade Glioma Research Workshop. <i>Neuro-Oncology</i> , 2014, 16, 173-178.	1.2	23
98	Surgical Resection for Primary Central Nervous System Lymphoma: A Systematic Review. <i>World Neurosurgery</i> , 2019, 126, e1436-e1448.	1.3	23
99	The long noncoding RNA <i>lnc-HLX-2-7</i> is oncogenic in Group 3 medulloblastomas. <i>Neuro-Oncology</i> , 2021, 23, 572-585.	1.2	23
100	Readmissions After Surgical Resection of Metastatic Tumors of the Spine at a Single Institution. <i>World Neurosurgery</i> , 2017, 101, 695-701.e1.	1.3	22
101	Primary Bone Tumor of the Spine—An Evolving Field: What a General Spine Surgeon Should Know. <i>Global Spine Journal</i> , 2019, 9, 108S-116S.	2.3	22
102	An evidence-based medicine model for rare and often neglected neoplastic conditions. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 704-710.	1.7	21
103	Poor prognosis despite aggressive treatment in adults with intramedullary spinal cord glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1628-1631.	1.5	21
104	Establishment and Biological Characterization of a Panel of Glioblastoma Multiforme (GBM) and GBM Variant Oncosphere Cell Lines. <i>PLoS ONE</i> , 2016, 11, e0150271.	2.5	21
105	Sporadic intramedullary hemangioblastoma of the spine: a single institutional review of 21 cases. <i>Neurological Research</i> , 2016, 38, 205-209.	1.3	21
106	A multicenter cohort study of spinal osteoid osteomas: results of surgical treatment and analysis of local recurrence. <i>Spine Journal</i> , 2017, 17, 401-408.	1.3	21
107	Alpha-1 adrenergic receptor antagonists to prevent hyperinflammation and death from lower respiratory tract infection. <i>ELife</i> , 2021, 10, .	6.0	21
108	Medulloblastoma cerebrospinal fluid reveals metabolites and lipids indicative of hypoxia and cancer-specific RNAs. <i>Acta Neuropathologica Communications</i> , 2022, 10, 25.	5.2	21

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109	Intramedullary spinal cord tumor surgery: can we do it without intraoperative neurophysiological monitoring?. Child's Nervous System, 2010, 26, 241-245.	1.1	20
110	Evaluation of Eight Plasma Proteins as Candidate Blood-Based Biomarkers for Malignant Gliomas. Cancer Investigation, 2014, 32, 423-429.	1.3	19
111	A Crowdsourced Consensus on Supratotal Resection Versus Gross Total Resection for Anatomically Distinct Primary Glioblastoma. Neurosurgery, 2021, 89, 712-719.	1.1	19
112	Genomic discoveries in adult astrocytoma. Current Opinion in Genetics and Development, 2015, 30, 17-24.	3.3	17
113	Massively Parallel Sequencing of Esophageal Brushings Enables an Aneuploidy-Based Classification of Patients With Barrett's Esophagus. Gastroenterology, 2021, 160, 2043-2054.e2.	1.3	17
114	Structural engineering of chimeric antigen receptors targeting HLA-restricted neoantigens. Nature Communications, 2021, 12, 5271.	12.8	17
115	Systematic Review of the Outcomes of Surgical Treatment of Prostate Metastases to the Spine. Global Spine Journal, 2017, 7, 460-468.	2.3	16
116	Genome-wide investigation of intragenic DNA methylation identifies <i>ZMIZ1</i> gene as a prognostic marker in glioblastoma and multiple cancer types. International Journal of Cancer, 2019, 145, 3425-3435.	5.1	16
117	Health related quality of life outcomes following surgery and/or radiation for patients with potentially unstable spinal metastases. Spine Journal, 2021, 21, 492-499.	1.3	16
118	Association between extent of resection on survival in adult brainstem high-grade glioma patients. Journal of Neuro-Oncology, 2019, 145, 479-486.	2.9	15
119	Prognostic significance of human telomerase reverse transcriptase promoter region mutations C228T and C250T for overall survival in spinal chordomas. Neuro-Oncology, 2019, 21, 1005-1015.	1.2	15
120	LTBK-08. TOCA 511 & TOCA FC VERSUS STANDARD OF CARE IN PATIENTS WITH RECURRENT HIGH GRADE GLIOMA. Neuro-Oncology, 2019, 21, vi284-vi284.	1.2	15
121	Label-free imaging of human brain tissue at subcellular resolution for potential rapid intra-operative assessment of glioma surgery. Theranostics, 2021, 11, 7222-7234.	10.0	15
122	“Zooming in” on Glioblastoma: Understanding Tumor Heterogeneity and its Clinical Implications in the Era of Single-Cell Ribonucleic Acid Sequencing. Neurosurgery, 2021, 88, 477-486.	1.1	15
123	Updated risk models demonstrate low risk of symptomatic radionecrosis following stereotactic radiosurgery for brain metastases. , 2019, 10, 32.		15
124	Genetics and immunotherapy: using the genetic landscape of gliomas to inform management strategies. Journal of Neuro-Oncology, 2015, 123, 373-383.	2.9	14
125	Clinical, surgical, and molecular prognostic factors for survival after spinal sarcoma resection. Neurosurgical Focus, 2016, 41, E9.	2.3	14
126	Repeatability of language fMRI lateralization and localization metrics in brain tumor patients. Human Brain Mapping, 2018, 39, 4733-4742.	3.6	14

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127	Local recurrence patterns after postoperative stereotactic radiation surgery to resected brain metastases: A quantitative analysis to guide target delineation. Practical Radiation Oncology, 2018, 8, 388-396.	2.1	14
128	Biomarkers and focused ultrasound: the future of liquid biopsy for brain tumor patients. Journal of Neuro-Oncology, 2022, 156, 33-48.	2.9	14
129	The Challenges of Renal Cell Carcinoma Metastatic to the Spine: A Systematic Review of Survival and Treatment. Global Spine Journal, 2018, 8, 517-526.	2.3	13
130	Risk of Developing Postoperative Deficits Based on Tumor Location after Surgical Resection of an Intracranial Meningioma. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, 059-066.	0.8	13
131	Impact of tethered cord release on symptoms of Chiari II malformation in children born with a myelomeningocele. Child's Nervous System, 2011, 27, 975-978.	1.1	12
132	Patients undergoing surgery of intracranial metastases have different outcomes based on their primary pathology. Neurological Research, 2013, 35, 1059-1069.	1.3	12
133	The Radiographic Effects of Surgical Approach and Use of Retractors on the Brain After Anterior Cranial Fossa Meningioma Resection. World Neurosurgery, 2018, 112, e505-e513.	1.3	12
134	Absence of Ischemic Injury after Sacrificing the Superior Petrosal Vein during Microvascular Decompression. Operative Neurosurgery, 2020, 18, 316-320.	0.8	12
135	Whole-Brain Functional and Diffusion Tensor MRI in Human Participants with Metallic Orthodontic Braces. Radiology, 2020, 294, 149-157.	7.3	12
136	Association of β -Blocker Receipt With 30-Day Mortality and Risk of Intensive Care Unit Admission Among Adults Hospitalized With Influenza or Pneumonia in Denmark. JAMA Network Open, 2021, 4, e2037053.	5.9	12
137	Patient-Specific Factors Drive Intensive Care Unit and Total Hospital Length of Stay in Operative Patients with Brain Tumor. World Neurosurgery, 2021, 153, e338-e348.	1.3	12
138	Glycerol rhizotomy via a retrosigmoid approach as an alternative treatment for trigeminal neuralgia. Clinical Neurology and Neurosurgery, 2013, 115, 2454-2456.	1.4	10
139	Emerging methods for disease monitoring in malignant gliomas. CNS Oncology, 2013, 2, 511-522.	3.0	10
140	Molecular foundations of primary spinal tumors—implications for surgical management. Annals of Translational Medicine, 2019, 7, 222-222.	1.7	10
141	Methylated markers accurately distinguish primary central nervous system lymphomas (PCNSL) from other CNS tumors. Clinical Epigenetics, 2021, 13, 104.	4.1	10
142	Patient satisfaction with treatment outcomes after surgery and/or radiotherapy for spinal metastases. Cancer, 2019, 125, 4269-4277.	4.1	9
143	Tumor-Treating Field Arrays Do Not Reduce Target Volume Coverage for Glioblastoma Radiation Therapy. Advances in Radiation Oncology, 2020, 5, 62-69.	1.2	9
144	Correlation Between the Spinal Instability Neoplastic Score (SINS) and Patient Reported Outcomes. Global Spine Journal, 2023, 13, 1358-1364.	2.3	9

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145	Language Mapping Using T2-Prepared BOLD Functional MRI in the Presence of Large Susceptibility Artifacts—Initial Results in Patients With Brain Tumor and Epilepsy. <i>Tomography</i> , 2017, 3, 105-113.	1.8	9
146	Integrative analysis of DNA methylation suggests down-regulation of oncogenic pathways and reduced somatic mutation rates in survival outliers of glioblastoma. <i>Acta Neuropathologica Communications</i> , 2019, 7, 88.	5.2	8
147	Development of new brain metastases in triple negative breast cancer. <i>Journal of Neuro-Oncology</i> , 2021, 152, 333-338.	2.9	8
148	Genetic landscape of extreme responders with anaplastic oligodendroglioma. <i>Oncotarget</i> , 2017, 8, 35523-35531.	1.8	8
149	Survival and Recurrence for Patients Undergoing Surgery of Skull Base Intracranial Metastases. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2013, 74, 228-235.	0.8	7
150	Identifying Better Surgical Candidates Among Recursive Partitioning Analysis Class 2 Patients who Underwent Surgery for Intracranial Metastases. <i>World Neurosurgery</i> , 2014, 82, e267-e275.	1.3	7
151	Neurology—the next 10 years. <i>Nature Reviews Neurology</i> , 2015, 11, 658-664.	10.1	7
152	Clinical Decision Making. <i>Spine</i> , 2016, 41, S171-S177.	2.0	7
153	Association Between Radiofrequency Rhizotomy Parameters and Duration of Pain Relief in Trigeminal Neuralgia Patients with Recurrent Pain. <i>World Neurosurgery</i> , 2019, 129, e128-e133.	1.3	7
154	Surgical or Radiation Therapy for the Treatment of Cervical Spine Metastases: Results From the Epidemiology, Process, and Outcomes of Spine Oncology (EPOSO) Cohort. <i>Global Spine Journal</i> , 2020, 10, 21-29.	2.3	7
155	Calculating Utilities From the Spine Oncology Study Group Outcomes Questionnaire. <i>Spine</i> , 2021, 46, 1165-1171.	2.0	7
156	The safety and efficacy of dexamethasone in the perioperative management of glioma patients. <i>Journal of Neurosurgery</i> , 2022, 136, 1062-1069.	1.6	7
157	Medullary cistern choroid plexus papilloma. <i>Child's Nervous System</i> , 2010, 26, 1825-1829.	1.1	6
158	A Novel Scientific Model for Rare and Often Neglected Neoplastic Conditions. <i>Evidence-based Spine-care Journal</i> , 2013, 04, 160-162.	0.9	6
159	High-Resolution MRI Findings following Trigeminal Rhizotomy. <i>American Journal of Neuroradiology</i> , 2016, 37, 1920-1924.	2.4	6
160	Microarray-Based Phospho-Proteomic Profiling of Complex Biological Systems. <i>Translational Oncology</i> , 2016, 9, 124-129.	3.7	6
161	The mutational landscape of spinal chordomas and their sensitive detection using circulating tumor DNA. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa173.	0.7	6
162	Social determinants of health and the prediction of 90-day mortality among brain tumor patients. <i>Journal of Neurosurgery</i> , 2022, 137, 1338-1346.	1.6	6

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