

# Chetan Bettegowda

## List of Publications by Year in descending order

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Version: 2024-02-01

225  
papers

20,188  
citations

38660

50  
h-index

11288

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. <i>Science Translational Medicine</i> , 2014, 6, 224ra24.	5.8	3,665
2	Detection and localization of surgically resectable cancers with a multi-analyte blood test. <i>Science</i> , 2018, 359, 926-930.	6.0	1,872
3	Exome Sequencing of Head and Neck Squamous Cell Carcinoma Reveals Inactivating Mutations in <i>NOTCH1</i> . <i>Science</i> , 2011, 333, 1154-1157.	6.0	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6021-6026.	3.3	1,202
5	Altered Telomeres in Tumors with <i>ATRX</i> and <i>DAXX</i> Mutations. <i>Science</i> , 2011, 333, 425-425.	6.0	891
6	Current state of immunotherapy for glioblastoma. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 422-442.	12.5	873
7	The Genetic Landscape of the Childhood Cancer Medulloblastoma. <i>Science</i> , 2011, 331, 435-439.	6.0	652
8	Frequent <i>ATRX</i> , <i>CIC</i> , <i>FUBP1</i> and <i>IDH1</i> mutations refine the classification of malignant gliomas. <i>Oncotarget</i> , 2012, 3, 709-722.	0.8	532
9	Mutations in <i>CIC</i> and <i>FUBP1</i> Contribute to Human Oligodendroglioma. <i>Science</i> , 2011, 333, 1453-1455.	6.0	485
10	Detection of somatic mutations and HPV in the saliva and plasma of patients with head and neck squamous cell carcinomas. <i>Science Translational Medicine</i> , 2015, 7, 293ra104.	5.8	372
11	Feasibility of blood testing combined with PET-CT to screen for cancer and guide intervention. <i>Science</i> , 2020, 369, .	6.0	351
12	Comparative Genomic Analysis of Esophageal Adenocarcinoma and Squamous Cell Carcinoma. <i>Cancer Discovery</i> , 2012, 2, 899-905.	7.7	342
13	Detection of tumor-derived DNA in cerebrospinal fluid of patients with primary tumors of the brain and spinal cord. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9704-9709.	3.3	317
14	Intratumoral injection of <i>Clostridium novyi</i> -NT spores induces antitumor responses. <i>Science Translational Medicine</i> , 2014, 6, 249ra111.	5.8	285
15	Evaluation of DNA from the Papanicolaou Test to Detect Ovarian and Endometrial Cancers. <i>Science Translational Medicine</i> , 2013, 5, 167ra4.	5.8	264
16	Somatic mutations of <i>SUZ12</i> in malignant peripheral nerve sheath tumors. <i>Nature Genetics</i> , 2014, 46, 1170-1172.	9.4	247
17	Bacteriolytic therapy can generate a potent immune response against experimental tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 15172-15177.	3.3	244
18	Anti-“PD-1 antitumor immunity is enhanced by local and abrogated by systemic chemotherapy in GBM. <i>Science Translational Medicine</i> , 2016, 8, 370ra180.	5.8	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.	1.8	213
20	Targeting a neoantigen derived from a common TP53 mutation. <i>Science</i> , 2021, 371, .	6.0	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.	2.0	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.	0.6	168
23	A Bacterial Protein Enhances the Release and Efficacy of Liposomal Cancer Drugs. <i>Science</i> , 2006, 314, 1308-1311.	6.0	159
24	Applications of liquid biopsies for cancer. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	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.	3.3	145
26	The genome and transcriptomes of the anti-tumor agent <i>Clostridium novyi-NT</i> . <i>Nature Biotechnology</i> , 2006, 24, 1573-1580.	9.4	128
27	Imaging bacterial infections with radiolabeled 1-(2'-deoxy-2'-fluoro- $\beta$ -D-arabinofuranosyl)-5-iodouracil. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1145-1150.	3.3	125
28	Preventing cytokine storm syndrome in COVID-19 using $\beta$ -1 adrenergic receptor antagonists. <i>Journal of Clinical Investigation</i> , 2020, 130, 3345-3347.	3.9	107
29	Bispecific antibodies targeting mutant RAS neoantigens. <i>Science Immunology</i> , 2021, 6, .	5.6	106
30	Targeting Vascular and Avascular Compartments of Tumors with <i>C. novyi-NT</i> and Anti-microtubule Agents. <i>Cancer Biology and Therapy</i> , 2004, 3, 326-337.	1.5	92
31	Pharmacologic and Toxicologic Evaluation of <i>C. novyi-NT</i> Spores. <i>Toxicological Sciences</i> , 2005, 88, 562-575.	1.4	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.	0.9	87
33	Imaging of Musculoskeletal Bacterial Infections by [ $^{124}$ I]FIAU-PET/CT. <i>PLoS ONE</i> , 2007, 2, e1007.	1.1	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.	1.3	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.	3.4	84
36	The evolution of surgical management for craniosynostosis. <i>Neurosurgical Focus</i> , 2010, 29, E5.	1.0	82

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37	Targeting public neoantigens for cancer immunotherapy. <i>Nature Cancer</i> , 2021, 2, 487-497.	5.7	79
38	Treatment of choroid plexus tumors: a 20-year single institutional experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 10, 398-405.	0.8	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.	0.7	75
40	Pituitary adenomas: historical perspective, surgical management and future directions. <i>CNS Oncology</i> , 2015, 4, 411-429.	1.2	73
41	Risk Factors for Recurrence of Surgically Treated Conventional Spinal Schwannomas. <i>Spine</i> , 2016, 41, 390-398.	1.0	71
42	Exomic Sequencing of Four Rare Central Nervous System Tumor Types. <i>Oncotarget</i> , 2013, 4, 572-583.	0.8	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.	1.4	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.	0.9	66
45	Applications of DNA-Based Liquid Biopsy for Central Nervous System Neoplasms. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 24-34.	1.2	65
46	Subependymoma: clinical features and surgical outcomes. <i>Neurological Research</i> , 2012, 34, 677-684.	0.6	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.	1.2	59
48	Aneurysmal bone cysts of the spine: treatment options and considerations. <i>Journal of Neuro-Oncology</i> , 2014, 120, 171-178.	1.4	58
49	Spinal Hemangiomas. <i>Spine</i> , 2015, 40, 656-664.	1.0	54
50	Spinal cord tumours: advances in genetics and their implications for treatment. <i>Nature Reviews Neurology</i> , 2013, 9, 257-266.	4.9	53
51	Percutaneous Procedures for the Treatment of Trigeminal Neuralgia. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 277-295.	0.8	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.	3.3	50
53	<i>&lt;i&gt;TERT&lt;/i&gt;</i> Promoter Mutation Analysis for Blood-Based Diagnosis and Monitoring of Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 169-178.	3.2	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.	1.4	48

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55	[124I]FIAU: Human dosimetry and infection imaging in patients with suspected prosthetic joint infection. <i>Nuclear Medicine and Biology</i> , 2016, 43, 273-279.	0.3	47
56	Metastatic Spine Disease: Should Patients With Short Life Expectancy Be Denied Surgical Care? An International Retrospective Cohort Study. <i>Neurosurgery</i> , 2020, 87, 303-311.	0.6	47
57	The potential of cerebrospinal fluidâ€‘based liquid biopsy approaches in CNS tumors. <i>Neuro-Oncology</i> , 2019, 21, 1509-1518.	0.6	46
58	Spore Coat Architecture of Clostridium novyi NT Spores. <i>Journal of Bacteriology</i> , 2007, 189, 6457-6468.	1.0	45
59	Surgical Management of Spinal Chondrosarcomas. <i>Spine</i> , 2016, 41, 678-685.	1.0	43
60	Spinal cord tethering following myelomeningocele repair. <i>Journal of Neurosurgery: Pediatrics</i> , 2010, 6, 498-505.	0.8	42
61	Long-term outcomes in primary spinal osteochondroma: a multicenter study of 27 patients. <i>Journal of Neurosurgery: Spine</i> , 2015, 22, 582-588.	0.9	41
62	Extraneural Glioblastoma Multiforme Vertebral Metastasis. <i>World Neurosurgery</i> , 2016, 89, 578-582.e3.	0.7	41
63	Noninvasive imaging of infection after treatment with tumorâ€‘homing bacteria using Chemical Exchange Saturation Transfer (CEST) MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1690-1698.	1.9	39
64	A Systematic Review of Clinical Outcomes and Prognostic Factors for Patients Undergoing Surgery for Spinal Metastases Secondary to Breast Cancer. <i>Global Spine Journal</i> , 2016, 6, 482-496.	1.2	39
65	Targeting loss of heterozygosity for cancer-specific immunotherapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	39
66	Pre- and post-operative plasma glial fibrillary acidic protein levels in patients with newly diagnosed gliomas. <i>Journal of Neuro-Oncology</i> , 2012, 109, 123-127.	1.4	38
67	Liquid biopsy in gliomas: A RANO review and proposals for clinical applications. <i>Neuro-Oncology</i> , 2022, 24, 855-871.	0.6	38
68	Hyper-recombination and genetic instability in BLM-deficient epithelial cells. <i>Cancer Research</i> , 2003, 63, 8578-81.	0.4	38
69	Risk Factors for Preoperative Seizures and Loss of Seizure Control in Patients Undergoing Surgery for Metastatic Brain Tumors. <i>World Neurosurgery</i> , 2017, 104, 120-128.	0.7	37
70	The Relevance of Simpson Grade Resections in Modern Neurosurgical Treatment of World Health Organization Grade I, II, and III Meningiomas. <i>World Neurosurgery</i> , 2018, 109, e588-e593.	0.7	37
71	Survival, local control, and healthâ€‘related quality of life in patients with oligometastatic and polymetastatic spinal tumors: A multicenter, international study. <i>Cancer</i> , 2019, 125, 770-778.	2.0	37
72	Erlotinib Inhibits Growth of a Patient-Derived Chordoma Xenograft. <i>PLoS ONE</i> , 2013, 8, e78895.	1.1	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.	0.9	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.	0.9	34
75	Molecular Markers and Targeted Therapeutics in Metastatic Tumors of the Spine. <i>Spine</i> , 2016, 41, S218-S223.	1.0	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.	2.0	31
78	Genomic analysis identifies frequent deletions of Dystrophin in olfactory neuroblastoma. <i>Nature Communications</i> , 2018, 9, 5410.	5.8	30
79	TCR $\beta^2$ chain-directed bispecific antibodies for the treatment of T cell cancers. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	30
80	Pediatric spinal glioblastoma multiforme: current treatment strategies and possible predictors of survival. <i>Child's Nervous System</i> , 2012, 28, 715-720.	0.6	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.	2.0	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.	0.6	28
83	Genomic Landscape of Intramedullary Spinal Cord Gliomas. <i>Scientific Reports</i> , 2019, 9, 18722.	1.6	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.	0.6	27
85	Preresidency Publication Number Does Not Predict Academic Career Placement in Neurosurgery. <i>World Neurosurgery</i> , 2017, 101, 350-356.	0.7	27
86	Ewing Sarcoma of the Spine. <i>Spine</i> , 2018, 43, 622-629.	1.0	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.	1.2	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.	2.0	27
89	Prognostic factors associated with pain palliation after spine stereotactic body radiation therapy. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 620-629.	0.9	26
90	Factors associated with survival and recurrence for patients undergoing surgery of cerebellar metastases. <i>Neurological Research</i> , 2014, 36, 13-25.	0.6	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.	1.2	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.	0.8	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.	2.3	24
94	Efficacy of primary microvascular decompression versus subsequent microvascular decompression for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2017, 126, 1691-1697.	0.9	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.	2.9	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.	2.0	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.	0.6	23
98	Surgical Resection for Primary Central Nervous System Lymphoma: A Systematic Review. <i>World Neurosurgery</i> , 2019, 126, e1436-e1448.	0.7	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.	0.6	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.	0.7	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.	1.2	22
102	An evidence-based medicine model for rare and often neglected neoplastic conditions. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 704-710.	0.9	21
103	Poor prognosis despite aggressive treatment in adults with intramedullary spinal cord glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1628-1631.	0.8	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.	1.1	21
105	Sporadic intramedullary hemangioblastoma of the spine: a single institutional review of 21 cases. <i>Neurological Research</i> , 2016, 38, 205-209.	0.6	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.	0.6	21
107	Alpha-1 adrenergic receptor antagonists to prevent hyperinflammation and death from lower respiratory tract infection. <i>ELife</i> , 2021, 10, .	2.8	21
108	Medulloblastoma cerebrospinal fluid reveals metabolites and lipids indicative of hypoxia and cancer-specific RNAs. <i>Acta Neuropathologica Communications</i> , 2022, 10, 25.	2.4	21

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109	Intramedullary spinal cord tumor surgery: can we do it without intraoperative neurophysiological monitoring?. <i>Child's Nervous System</i> , 2010, 26, 241-245.	0.6	20
110	Evaluation of Eight Plasma Proteins as Candidate Blood-Based Biomarkers for Malignant Gliomas. <i>Cancer Investigation</i> , 2014, 32, 423-429.	0.6	19
111	A Crowdsourced Consensus on Supratotal Resection Versus Gross Total Resection for Anatomically Distinct Primary Glioblastoma. <i>Neurosurgery</i> , 2021, 89, 712-719.	0.6	19
112	Genomic discoveries in adult astrocytoma. <i>Current Opinion in Genetics and Development</i> , 2015, 30, 17-24.	1.5	17
113	Massively Parallel Sequencing of Esophageal Brushings Enables an Aneuploidy-Based Classification of Patients With Barrett's Esophagus. <i>Gastroenterology</i> , 2021, 160, 2043-2054.e2.	0.6	17
114	Structural engineering of chimeric antigen receptors targeting HLA-restricted neoantigens. <i>Nature Communications</i> , 2021, 12, 5271.	5.8	17
115	Systematic Review of the Outcomes of Surgical Treatment of Prostate Metastases to the Spine. <i>Global Spine Journal</i> , 2017, 7, 460-468.	1.2	16
116	Genome-wide investigation of intragenic DNA methylation identifies <i>ZMIZ1</i> gene as a prognostic marker in glioblastoma and multiple cancer types. <i>International Journal of Cancer</i> , 2019, 145, 3425-3435.	2.3	16
117	Health related quality of life outcomes following surgery and/or radiation for patients with potentially unstable spinal metastases. <i>Spine Journal</i> , 2021, 21, 492-499.	0.6	16
118	Association between extent of resection on survival in adult brainstem high-grade glioma patients. <i>Journal of Neuro-Oncology</i> , 2019, 145, 479-486.	1.4	15
119	Prognostic significance of human telomerase reverse transcriptase promoter region mutations C228T and C250T for overall survival in spinal chordomas. <i>Neuro-Oncology</i> , 2019, 21, 1005-1015.	0.6	15
120	LTBK-08. TOCA 511 & TOCA FC VERSUS STANDARD OF CARE IN PATIENTS WITH RECURRENT HIGH GRADE GLIOMA. <i>Neuro-Oncology</i> , 2019, 21, vi284-vi284.	0.6	15
121	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.	4.6	15
122	Zooming in on Glioblastoma: Understanding Tumor Heterogeneity and its Clinical Implications in the Era of Single-Cell Ribonucleic Acid Sequencing. <i>Neurosurgery</i> , 2021, 88, 477-486.	0.6	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. <i>Journal of Neuro-Oncology</i> , 2015, 123, 373-383.	1.4	14
125	Clinical, surgical, and molecular prognostic factors for survival after spinal sarcoma resection. <i>Neurosurgical Focus</i> , 2016, 41, E9.	1.0	14
126	Repeatability of language fMRI lateralization and localization metrics in brain tumor patients. <i>Human Brain Mapping</i> , 2018, 39, 4733-4742.	1.9	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. <i>Practical Radiation Oncology</i> , 2018, 8, 388-396.	1.1	14
128	Biomarkers and focused ultrasound: the future of liquid biopsy for brain tumor patients. <i>Journal of Neuro-Oncology</i> , 2022, 156, 33-48.	1.4	14
129	The Challenges of Renal Cell Carcinoma Metastatic to the Spine: A Systematic Review of Survival and Treatment. <i>Global Spine Journal</i> , 2018, 8, 517-526.	1.2	13
130	Risk of Developing Postoperative Deficits Based on Tumor Location after Surgical Resection of an Intracranial Meningioma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, 059-066.	0.4	13
131	Impact of tethered cord release on symptoms of Chiari II malformation in children born with a myelomeningocele. <i>Child's Nervous System</i> , 2011, 27, 975-978.	0.6	12
132	Patients undergoing surgery of intracranial metastases have different outcomes based on their primary pathology. <i>Neurological Research</i> , 2013, 35, 1059-1069.	0.6	12
133	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.	0.7	12
134	Absence of Ischemic Injury after Sacrificing the Superior Petrosal Vein during Microvascular Decompression. <i>Operative Neurosurgery</i> , 2020, 18, 316-320.	0.4	12
135	Whole-Brain Functional and Diffusion Tensor MRI in Human Participants with Metallic Orthodontic Braces. <i>Radiology</i> , 2020, 294, 149-157.	3.6	12
136	Association of $\beta$ -Blocker Receipt With 30-Day Mortality and Risk of Intensive Care Unit Admission Among Adults Hospitalized With Influenza or Pneumonia in Denmark. <i>JAMA Network Open</i> , 2021, 4, e2037053.	2.8	12
137	Patient-Specific Factors Drive Intensive Care Unit and Total Hospital Length of Stay in Operative Patients with Brain Tumor. <i>World Neurosurgery</i> , 2021, 153, e338-e348.	0.7	12
138	Glycerol rhizotomy via a retrosigmoid approach as an alternative treatment for trigeminal neuralgia. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 2454-2456.	0.6	10
139	Emerging methods for disease monitoring in malignant gliomas. <i>CNS Oncology</i> , 2013, 2, 511-522.	1.2	10
140	Molecular foundations of primary spinal tumors—implications for surgical management. <i>Annals of Translational Medicine</i> , 2019, 7, 222-222.	0.7	10
141	Methylated markers accurately distinguish primary central nervous system lymphomas (PCNSL) from other CNS tumors. <i>Clinical Epigenetics</i> , 2021, 13, 104.	1.8	10
142	Patient satisfaction with treatment outcomes after surgery and/or radiotherapy for spinal metastases. <i>Cancer</i> , 2019, 125, 4269-4277.	2.0	9
143	Tumor-Treating Field Arrays Do Not Reduce Target Volume Coverage for Glioblastoma Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2020, 5, 62-69.	0.6	9
144	Correlation Between the Spinal Instability Neoplastic Score (SINS) and Patient Reported Outcomes. <i>Global Spine Journal</i> , 2023, 13, 1358-1364.	1.2	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.	0.8	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.	2.4	8
147	Development of new brain metastases in triple negative breast cancer. <i>Journal of Neuro-Oncology</i> , 2021, 152, 333-338.	1.4	8
148	Genetic landscape of extreme responders with anaplastic oligodendroglioma. <i>Oncotarget</i> , 2017, 8, 35523-35531.	0.8	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.	0.4	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.	0.7	7
151	Neurology—the next 10 years. <i>Nature Reviews Neurology</i> , 2015, 11, 658-664.	4.9	7
152	Clinical Decision Making. <i>Spine</i> , 2016, 41, S171-S177.	1.0	7
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