

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	Correlation Between the Spinal Instability Neoplastic Score (SINS) and Patient Reported Outcomes. <i>Global Spine Journal</i> , 2023, 13, 1358-1364.	1.2	9
2	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
3	Internal neurolysis versus intraoperative glycerin rhizotomy for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2023, 138, 270-275.	0.9	1
4	Sacrifice or preserve the superior petrosal vein in microvascular decompression surgery: a systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2023, 138, 390-398.	0.9	6
5	Emerging Technologies for Non-invasive Monitoring of Treatment Response to Immunotherapy for Brain Tumors. <i>NeuroMolecular Medicine</i> , 2022, 24, 74-87.	1.8	3
6	The safety and efficacy of dexamethasone in the perioperative management of glioma patients. <i>Journal of Neurosurgery</i> , 2022, 136, 1062-1069.	0.9	7
7	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
8	The role of anticoagulation for superior sagittal sinus thrombosis following craniotomy for resection of parasagittal/parafalcine meningiomas. <i>Journal of Neuro-Oncology</i> , 2022, 156, 341-352.	1.4	4
9	The Suprasellar Meningioma Patient-Reported Outcome Survey: a disease-specific patient-reported outcome measure for resection of suprasellar meningioma. <i>Journal of Neurosurgery</i> , 2022, 136, 1551-1559.	0.9	5
10	Liquid biopsy in gliomas: A RANO review and proposals for clinical applications. <i>Neuro-Oncology</i> , 2022, 24, 855-871.	0.6	38
11	Clinical features and surgical outcomes of intracranial and spinal cord subependymomas. <i>Journal of Neurosurgery</i> , 2022, 137, 931-942.	0.9	3
12	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
13	Inpatient Administration of Alpha-1-Adrenergic Receptor Blocking Agents Reduces Mortality in Male COVID-19 Patients. <i>Frontiers in Medicine</i> , 2022, 9, 849222.	1.2	2
14	Novel Predictive Models for High-Value Care Outcomes Following Glioblastoma Resection. <i>World Neurosurgery</i> , 2022, 161, e572-e579.	0.7	4
15	Case Series in the Utility of Invasive Blood Pressure Monitoring in Microvascular Decompression. <i>Operative Neurosurgery</i> , 2022, 22, 262-268.	0.4	1
16	Predicting High-Value Care Outcomes After Surgery for Non-Skull Base Meningiomas. <i>World Neurosurgery</i> , 2022, 159, e130-e138.	0.7	3
17	Detection of malignant peripheral nerve sheath tumors in patients with neurofibromatosis using aneuploidy and mutation identification in plasma. <i>ELife</i> , 2022, 11, .	2.8	4
18	Social determinants of health and the prediction of 90-day mortality among brain tumor patients. <i>Journal of Neurosurgery</i> , 2022, 137, 1338-1346.	0.9	6

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19	MEDB-03. Medulloblastoma cerebrospinal fluid reveals hypoxic indicators (metabolites and lipids) and cancer-specific RNAs. <i>Neuro-Oncology</i> , 2022, 24, i103-i104.	0.6	0
20	Single-Cell RNA Sequencing of Cerebrospinal Fluid as an Advanced Form of Liquid Biopsy for Neurological Disorders. <i>Brain Sciences</i> , 2022, 12, 812.	1.1	6
21	H3K27M-Altered Diffuse Midline Gliomas Among Adult Patients: A Systematic Review of Clinical Features and Survival Analysis. <i>World Neurosurgery</i> , 2022, 165, e251-e264.	0.7	6
22	Safety and cost savings associated with reduced inpatient hospitalization for microvascular decompression. <i>World Neurosurgery</i> , 2022, , .	0.7	0
23	<i>TERT</i> Promoter Mutation Analysis for Blood-Based Diagnosis and Monitoring of Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 169-178.	3.2	50
24	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
25	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
26	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
27	Beyond guidelines: analysis of current practice patterns of AANS/CNS tumor neurosurgeons. <i>Journal of Neuro-Oncology</i> , 2021, 151, 361-366.	1.4	2
28	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. <i>JAMA Network Open</i> , 2021, 4, e2037053.	2.8	12
29	Bispecific antibodies targeting mutant <i>RAS</i> neoantigens. <i>Science Immunology</i> , 2021, 6, .	5.6	106
30	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
31	TCR β chain-directed bispecific antibodies for the treatment of T cell cancers. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	30
32	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
33	Targeting a neoantigen derived from a common <i>TP53</i> mutation. <i>Science</i> , 2021, 371, .	6.0	194
34	Methylated markers accurately distinguish primary central nervous system lymphomas (PCNSL) from other CNS tumors. <i>Clinical Epigenetics</i> , 2021, 13, 104.	1.8	10
35	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
36	Targeting public neoantigens for cancer immunotherapy. <i>Nature Cancer</i> , 2021, 2, 487-497.	5.7	79

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37	Alpha-1 adrenergic receptor antagonists to prevent hyperinflammation and death from lower respiratory tract infection. <i>ELife</i> , 2021, 10, .	2.8	21
38	Minimizing OCT quantification error via a surface-tracking imaging probe. <i>Biomedical Optics Express</i> , 2021, 12, 3992.	1.5	1
39	OMIC-04. IDENTIFICATION AND CHARACTERIZATION OF CIRCULATING RNAs (CODING AND NONCODING) AND METABOLITES IN CEREBROSPINAL FLUID IN MEDULLOBLASTOMA PATIENTS. <i>Neuro-Oncology</i> , 2021, 23, i37-i37.	0.6	0
40	Ten Rules for Conducting Retrospective Pharmacoepidemiological Analyses: Example COVID-19 Study. <i>Frontiers in Pharmacology</i> , 2021, 12, 700776.	1.6	4
41	Calculating Utilities From the Spine Oncology Study Group Outcomes Questionnaire. <i>Spine</i> , 2021, 46, 1165-1171.	1.0	7
42	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
43	RADI-23. Exploring the optimal timing of routine initial surveillance MRI following treatment of brain metastases with stereotactic radiosurgery: a comparison of two approaches. <i>Neuro-Oncology Advances</i> , 2021, 3, iii23-iii23.	0.4	0
44	Pembrolizumab for patients with leptomeningeal metastasis from solid tumors: efficacy, safety, and cerebrospinal fluid biomarkers. , 2021, 9, e002473.		33
45	RADI-22. Toxicity and local control outcomes for brain metastases managed with resection and aggressive reirradiation after initial radiosurgery failure. <i>Neuro-Oncology Advances</i> , 2021, 3, iii22-iii23.	0.4	0
46	Structural engineering of chimeric antigen receptors targeting HLA-restricted neoantigens. <i>Nature Communications</i> , 2021, 12, 5271.	5.8	17
47	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
48	CloneRetriever: An Automated Algorithm to Identify Clonal B and T Cell Gene Rearrangements by Next-Generation Sequencing for the Diagnosis of Lymphoid Malignancies. <i>Clinical Chemistry</i> , 2021, 67, 1524-1533.	1.5	1
49	Development of new brain metastases in triple negative breast cancer. <i>Journal of Neuro-Oncology</i> , 2021, 152, 333-338.	1.4	8
50	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
51	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
52	The mutational landscape of spinal chordomas and their sensitive detection using circulating tumor DNA. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa173.	0.4	6
53	Traumatic sacral dermoid cyst rupture with intracranial subarachnoid seeding of lipid particles: illustrative case. <i>Journal of Neurosurgery Case Lessons</i> , 2021, 2, .	0.1	1
54	Absence of Ischemic Injury after Sacrificing the Superior Petrosal Vein during Microvascular Decompression. <i>Operative Neurosurgery</i> , 2020, 18, 316-320.	0.4	12

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55	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.	1.2	7
56	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
57	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
58	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
59	Whole-Brain Functional and Diffusion Tensor MRI in Human Participants with Metallic Orthodontic Braces. <i>Radiology</i> , 2020, 294, 149-157.	3.6	12
60	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
61	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
62	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
63	A Dose-Response Model of Local Tumor Control Probability After Stereotactic Radiosurgery for Brain Metastases Resection Cavities. <i>Advances in Radiation Oncology</i> , 2020, 5, 840-849.	0.6	4
64	Feasibility of blood testing combined with PET-CT to screen for cancer and guide intervention. <i>Science</i> , 2020, 369, .	6.0	351
65	Preventing cytokine storm syndrome in COVID-19 using β -1 adrenergic receptor antagonists. <i>Journal of Clinical Investigation</i> , 2020, 130, 3345-3347.	3.9	107
66	Anticoagulation for Cerebral Venous Sinus Thrombosis after Posterior Fossa Schwannoma Surgery: Worth the Risk?. , 2020, 81, .		0
67	Retrosigmoid approach for glycerin rhizotomy in the treatment of trigeminal neuralgia without overt arterial compression: updated case series. <i>Journal of Neurosurgery</i> , 2020, 132, 1227-1233.	0.9	4
68	NCOG-32. THE SAFETY AND EFFICACY OF DEXAMETHASONE IN THE MANAGEMENT OF GLIOMA PATIENTS. <i>Neuro-Oncology</i> , 2020, 22, ii136-ii136.	0.6	1
69	SURG-21. A CROWDSOURCED CONSENSUS ON SUPRATOTAL RESECTION VERSUS GROSS TOTAL RESECTION FOR ANATOMICALLY DISTINCT PRIMARY GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii207-ii208.	0.6	0
70	NCOG-25. EFFICACY OF ANTICONVULSANT THERAPY IN GLIOMA PATIENTS. <i>Neuro-Oncology</i> , 2020, 22, ii134-ii134.	0.6	0
71	BIOM-58. ASSESSMENT OF ANEUPLOIDY BY REPETITIVE ELEMENT SEQUENCING TO DETECT PEDIATRIC AND ADULT BRAIN CANCERS IN PLASMA. <i>Neuro-Oncology</i> , 2020, 22, ii14-ii14.	0.6	0
72	NCOG-05. MANAGEMENT OF BRAIN METASTASIS IN TRIPLE NEGATIVE BREAST CANCER. <i>Neuro-Oncology</i> , 2020, 22, ii130-ii130.	0.6	0

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73	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
74	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
75	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
76	Molecular foundations of primary spinal tumors—implications for surgical management. <i>Annals of Translational Medicine</i> , 2019, 7, 222-222.	0.7	10
77	Patient satisfaction with treatment outcomes after surgery and/or radiotherapy for spinal metastases. <i>Cancer</i> , 2019, 125, 4269-4277.	2.0	9
78	Applications of liquid biopsies for cancer. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	151
79	The potential of cerebrospinal fluid-based liquid biopsy approaches in CNS tumors. <i>Neuro-Oncology</i> , 2019, 21, 1509-1518.	0.6	46
80	Assessing the Effectiveness of Systemic Therapy after Stereotactic Radiosurgery on Cancer Recurrence and All-Cause Mortality. <i>World Neurosurgery</i> , 2019, 129, e572-e581.	0.7	0
81	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.	0.7	7
82	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
83	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
84	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
85	Surgical Resection for Primary Central Nervous System Lymphoma: A Systematic Review. <i>World Neurosurgery</i> , 2019, 126, e1436-e1448.	0.7	23
86	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
87	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
88	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
89	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
90	GENE-01. THE MUTATIONAL LANDSCAPE OF PRIMARY CHORDOMAS AND THEIR SENSITIVE DETECTION IN PLASMA ctDNA BY MULTIPLE NEXT GENERATION SEQUENCING TECHNOLOGIES. <i>Neuro-Oncology</i> , 2019, 21, vi97-vi97.	0.6	0

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91	SURG-16. SUPRATOTAL VERSUS GROSS TOTAL RESECTION OF GLIOBLASTOMA: A SYSTEMATIC REVIEW. <i>Neuro-Oncology</i> , 2019, 21, vi243-vi243.	0.6	0
92	LTKB-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
93	Genomic Landscape of Intramedullary Spinal Cord Gliomas. <i>Scientific Reports</i> , 2019, 9, 18722.	1.6	28
94	Survival, local control, and health-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
95	Clinical presentation, management and outcomes of sacral metastases: a multicenter, retrospective cohort study. <i>Annals of Translational Medicine</i> , 2019, 7, 214-214.	0.7	3
96	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
97	Updated risk models demonstrate low risk of symptomatic radionecrosis following stereotactic radiosurgery for brain metastases. , 2019, 10, 32.		15
98	Current state of immunotherapy for glioblastoma. <i>Nature Reviews Clinical Oncology</i> , 2018, 15, 422-442.	12.5	873
99	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
100	Detection and localization of surgically resectable cancers with a multi-analyte blood test. <i>Science</i> , 2018, 359, 926-930.	6.0	1,872
101	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
102	Ewing Sarcoma of the Spine. <i>Spine</i> , 2018, 43, 622-629.	1.0	27
103	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
104	QOLP-30. SURVIVAL, LOCAL CONTROL, AND HEALTH RELATED QUALITY OF LIFE IN OLIGOMETASTATIC AND POLYMETASTATIC SPINAL TUMORS: A MULTICENTER, INTERNATIONAL STUDY. <i>Neuro-Oncology</i> , 2018, 20, vi221-vi221.	0.6	0
105	RTHP-13. TUMOR-TREATING FIELDS THERAPY IS COMPATIBLE WITH STANDARD CHEMORADIOTHERAPY FOR GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, vi228-vi228.	0.6	0
106	Genomic analysis identifies frequent deletions of Dystrophin in olfactory neuroblastoma. <i>Nature Communications</i> , 2018, 9, 5410.	5.8	30
107	Wednesday, September 26, 2018 2:00 PM – 3:00 PM Improving Quality of Life for Patients with Tumors. <i>Spine Journal</i> , 2018, 18, S37.	0.6	0
108	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

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109	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
110	Repeatability of language fMRI lateralization and localization metrics in brain tumor patients. <i>Human Brain Mapping</i> , 2018, 39, 4733-4742.	1.9	14
111	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
112	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> , 2018, 79, S1-S188.	0.4	1
113	The Relevance of Simpson Grade Resections in the Modern Neurosurgical Treatment of World Health Organization Grades 1, 2, and 3 Meningiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S1-S188.	0.4	0
114	<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
115	Preresidency Publication Number Does Not Predict Academic Career Placement in Neurosurgery. <i>World Neurosurgery</i> , 2017, 101, 350-356.	0.7	27
116	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
117	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
118	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
119	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
120	Applications of DNA-Based Liquid Biopsy for Central Nervous System Neoplasms. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 24-34.	1.2	65
121	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
122	Efficacy of primary microvascular decompression versus subsequent microvascular decompression for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2017, 126, 1691-1697.	0.9	24
123	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
124	Genetic landscape of extreme responders with anaplastic oligodendroglioma. <i>Oncotarget</i> , 2017, 8, 35523-35531.	0.8	8
125	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
126	Surgical Management of Spinal Chondrosarcomas. <i>Spine</i> , 2016, 41, 678-685.	1.0	43

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127	Anti- ¹²⁵ I 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
128	Clinical Decision Making. <i>Spine</i> , 2016, 41, S171-S177.	1.0	7
129	Introduction to Focus Issue II in Spine Oncology. <i>Spine</i> , 2016, 41, S159-S162.	1.0	4
130	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
131	High-Resolution MRI Findings following Trigeminal Rhizotomy. <i>American Journal of Neuroradiology</i> , 2016, 37, 1920-1924.	1.2	6
132	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
133	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
134	Sporadic intramedullary hemangioblastoma of the spine: a single institutional review of 21 cases. <i>Neurological Research</i> , 2016, 38, 205-209.	0.6	21
135	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
136	Clinical, surgical, and molecular prognostic factors for survival after spinal sarcoma resection. <i>Neurosurgical Focus</i> , 2016, 41, E9.	1.0	14
137	Molecular Markers and Targeted Therapeutics in Metastatic Tumors of the Spine. <i>Spine</i> , 2016, 41, S218-S223.	1.0	33
138	Percutaneous Procedures for the Treatment of Trigeminal Neuralgia. <i>Neurosurgery Clinics of North America</i> , 2016, 27, 277-295.	0.8	53
139	Microarray-Based Phospho-Proteomic Profiling of Complex Biological Systems. <i>Translational Oncology</i> , 2016, 9, 124-129.	1.7	6
140	Risk Factors for Recurrence of Surgically Treated Conventional Spinal Schwannomas. <i>Spine</i> , 2016, 41, 390-398.	1.0	71
141	[¹²⁴ I]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
142	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
143	Extraneural Glioblastoma Multiforme Vertebral Metastasis. <i>World Neurosurgery</i> , 2016, 89, 578-582.e3.	0.7	41
144	Pituitary adenomas: historical perspective, surgical management and future directions. <i>CNS Oncology</i> , 2015, 4, 411-429.	1.2	73

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145	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
146	Genomic discoveries in adult astrocytoma. <i>Current Opinion in Genetics and Development</i> , 2015, 30, 17-24.	1.5	17
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