

Chetan Bettegowda

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

198
papers

15,011
citations

46
h-index

121
g-index

231
ext. papers

18,333
ext. citations

6.9
avg, IF

6.2
L-index

#	Paper	IF	Citations
198	Clinical features and surgical outcomes of intracranial and spinal cord subependymomas.. <i>Journal of Neurosurgery</i> , 2022 , 1-12	3.2	1
197	Medulloblastoma cerebrospinal fluid reveals metabolites and lipids indicative of hypoxia and cancer-specific RNAs.. <i>Acta Neuropathologica Communications</i> , 2022 , 10, 25	7.3	2
196	Inpatient Administration of Alpha-1-Adrenergic Receptor Blocking Agents Reduces Mortality in Male COVID-19 Patients.. <i>Frontiers in Medicine</i> , 2022 , 9, 849222	4.9	
195	Social determinants of health and the prediction of 90-day mortality among brain tumor patients.. <i>Journal of Neurosurgery</i> , 2022 , 1-9	3.2	1
194	Internal neurolysis versus intraoperative glycerin rhizotomy for trigeminal neuralgia.. <i>Journal of Neurosurgery</i> , 2022 , 1-6	3.2	
193	MEDB-03. Medulloblastoma cerebrospinal fluid reveals hypoxic indicators (metabolites and lipids) and cancer-specific RNAs. <i>Neuro-Oncology</i> , 2022 , 24, i103-i104	1	
192	The Suprasellar Meningioma Patient-Reported Outcome Survey: a disease-specific patient-reported outcome measure for resection of suprasellar meningioma. <i>Journal of Neurosurgery</i> , 2021 , 9	3.2	2
191	The role of anticoagulation for superior sagittal sinus thrombosis following craniotomy for resection of parasagittal/parafalcine meningiomas. <i>Journal of Neuro-Oncology</i> , 2021 , 156, 341	4.8	0
190	Biomarkers and focused ultrasound: the future of liquid biopsy for brain tumor patients. <i>Journal of Neuro-Oncology</i> , 2021 , 1	4.8	2
189	The mutational landscape of spinal chordomas and their sensitive detection using circulating tumor DNA. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdaa173	0.9	0
188	The long noncoding RNA Inc-HLX-2-7 is oncogenic in Group 3 medulloblastomas. <i>Neuro-Oncology</i> , 2021 , 23, 572-585	1	5
187	"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	3.2	6
186	The Association Between Alpha-1 Adrenergic Receptor Antagonists and In-Hospital Mortality from COVID-19 2021 ,		3
185	Bispecific antibodies targeting mutant neoantigens. <i>Science Immunology</i> , 2021 , 6,	28	42
184	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,	11.5	14
183	TCR ζ chain-directed bispecific antibodies for the treatment of T cell cancers. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	10
182	The Association Between Alpha-1 Adrenergic Receptor Antagonists and In-Hospital Mortality From COVID-19. <i>Frontiers in Medicine</i> , 2021 , 8, 637647	4.9	12

181	Targeting a neoantigen derived from a common mutation. <i>Science</i> , 2021 , 371,	33.3	68
180	Methylated markers accurately distinguish primary central nervous system lymphomas (PCNSL) from other CNS tumors. <i>Clinical Epigenetics</i> , 2021 , 13, 104	7.7	2
179	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	13.3	8
178	Targeting public neoantigens for cancer immunotherapy. <i>Nature Cancer</i> , 2021 , 2, 487-497	15.4	10
177	Alpha-1 adrenergic receptor antagonists to prevent hyperinflammation and death from lower respiratory tract infection. <i>ELife</i> , 2021 , 10,	8.9	7
176	Minimizing OCT quantification error via a surface-tracking imaging probe. <i>Biomedical Optics Express</i> , 2021 , 12, 3992-4002	3.5	
175	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	1	78
174	Ten Rules for Conducting Retrospective Pharmacoepidemiological Analyses: Example COVID-19 Study. <i>Frontiers in Pharmacology</i> , 2021 , 12, 700776	5.6	0
173	Calculating Utilities From the Spine Oncology Study Group Outcomes Questionnaire: A Necessity for Economic and Decision Analysis. <i>Spine</i> , 2021 , 46, 1165-1171	3.3	0
172	Promoter Mutation Analysis for Blood-Based Diagnosis and Monitoring of Gliomas. <i>Clinical Cancer Research</i> , 2021 , 27, 169-178	12.9	19
171	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	4	5
170	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	12.1	3
169	Ultrasensitive detection of tumor-specific mutations in saliva of patients with oral cavity squamous cell carcinoma. <i>Cancer</i> , 2021 , 127, 1576-1589	6.4	10
168	Beyond guidelines: analysis of current practice patterns of AANS/CNS tumor neurosurgeons. <i>Journal of Neuro-Oncology</i> , 2021 , 151, 361-366	4.8	0
167	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	19.4	4
166	A Crowdsourced Consensus on Supratotal Resection Versus Gross Total Resection for Anatomically Distinct Primary Glioblastoma. <i>Neurosurgery</i> , 2021 , 89, 712-719	3.2	4
165	Emerging Technologies for Non-invasive Monitoring of Treatment Response to Immunotherapy for Brain Tumors. <i>NeuroMolecular Medicine</i> , 2021 , 1	4.6	2
164	Correlation Between the Spinal Instability Neoplastic Score (SINS) and Patient Reported Outcomes. <i>Global Spine Journal</i> , 2021 , 21925682211033591	2.7	1

163	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	0.9	78
162	Pembrolizumab for patients with leptomeningeal metastasis from solid tumors: efficacy, safety, and cerebrospinal fluid biomarkers 2021 , 9,		6
161	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	0.9	78
160	Structural engineering of chimeric antigen receptors targeting HLA-restricted neoantigens. <i>Nature Communications</i> , 2021 , 12, 5271	17.4	5
159	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	2.1	2
158	The safety and efficacy of dexamethasone in the perioperative management of glioma patients. <i>Journal of Neurosurgery</i> , 2021 , 1-8	3.2	1
157	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	5.5	0
156	Development of new brain metastases in triple negative breast cancer. <i>Journal of Neuro-Oncology</i> , 2021 , 152, 333-338	4.8	1
155	Absence of Ischemic Injury after Sacrificing the Superior Petrosal Vein during Microvascular Decompression. <i>Operative Neurosurgery</i> , 2020 , 18, 316-320	1.6	6
154	A systematic review and meta-analysis of supratotal versus gross total resection for glioblastoma. <i>Journal of Neuro-Oncology</i> , 2020 , 148, 419-431	4.8	30
153	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	11.5	26
152	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	3.3	3
151	Feasibility of blood testing combined with PET-CT to screen for cancer and guide intervention. <i>Science</i> , 2020 , 369,	33.3	149
150	NCOG-32. THE SAFETY AND EFFICACY OF DEXAMETHASONE IN THE MANAGEMENT OF GLIOMA PATIENTS. <i>Neuro-Oncology</i> , 2020 , 22, ii136-ii136	1	1
149	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		1
148	NCOG-25. EFFICACY OF ANTICONVULSANT THERAPY IN GLIOMA PATIENTS. <i>Neuro-Oncology</i> , 2020 , 22, ii134-ii134	1	
147	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	1	
146	NCOG-05. MANAGEMENT OF BRAIN METASTASIS IN TRIPLE NEGATIVE BREAST CANCER. <i>Neuro-Oncology</i> , 2020 , 22, ii130-ii130	1	

145	Preventing cytokine storm syndrome in COVID-19 using β_1 adrenergic receptor antagonists. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3345-3347	15.9	69
144	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	3.2	18
143	Whole-Brain Functional and Diffusion Tensor MRI in Human Participants with Metallic Orthodontic Braces. <i>Radiology</i> , 2020 , 294, 149-157	20.5	7
142	Effect of Vocimagene Amiretrorepvec in Combination With Flucytosine vs Standard of Care on Survival Following Tumor Resection in Patients With Recurrent High-Grade Glioma: A Randomized Clinical Trial. <i>JAMA Oncology</i> , 2020 , 6, 1939-1946	13.4	40
141	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	2.7	2
140	Tumor-Treating Field Arrays Do Not Reduce Target Volume Coverage for Glioblastoma Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2020 , 5, 62-69	3.3	5
139	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	7.8	80
138	Applications of liquid biopsies for cancer. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	97
137	The potential of cerebrospinal fluid-based liquid biopsy approaches in CNS tumors. <i>Neuro-Oncology</i> , 2019 , 21, 1509-1518	1	25
136	Assessing the Effectiveness of Systemic Therapy after Stereotactic Radiosurgery on Cancer Recurrence and All-Cause Mortality. <i>World Neurosurgery</i> , 2019 , 129, e572-e581	2.1	
135	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	2.1	4
134	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	7.3	6
133	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	2.7	14
132	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	2.7	33
131	Surgical Resection for Primary Central Nervous System Lymphoma: A Systematic Review. <i>World Neurosurgery</i> , 2019 , 126, e1436-e1448	2.1	8
130	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	4.8	45
129	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	1	11
128	Local and Distant Recurrence in Resected Sacral Chordomas: A Systematic Review and Pooled Cohort Analysis. <i>Global Spine Journal</i> , 2019 , 9, 191-201	2.7	17

127	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	6.4	12
126	Genome-wide investigation of intragenic DNA methylation identifies ZMIZ1 gene as a prognostic marker in glioblastoma and multiple cancer types. <i>International Journal of Cancer</i> , 2019 , 145, 3425-3435	7.5	9
125	Association between extent of resection on survival in adult brainstem high-grade glioma patients. <i>Journal of Neuro-Oncology</i> , 2019 , 145, 479-486	4.8	6
124	Molecular foundations of primary spinal tumors-implications for surgical management. <i>Annals of Translational Medicine</i> , 2019 , 7, 222	3.2	4
123	Patient satisfaction with treatment outcomes after surgery and/or radiotherapy for spinal metastases. <i>Cancer</i> , 2019 , 125, 4269-4277	6.4	2
122	Retrosigmoid approach for glycerin rhizotomy in the treatment of trigeminal neuralgia without overt arterial compression: updated case series. <i>Journal of Neurosurgery</i> , 2019 , 132, 1227-1233	3.2	3
121	Clinical presentation, management and outcomes of sacral metastases: a multicenter, retrospective cohort study. <i>Annals of Translational Medicine</i> , 2019 , 7, 214	3.2	1
120	Updated risk models demonstrate low risk of symptomatic radionecrosis following stereotactic radiosurgery for brain metastases. <i>Surgical Neurology International</i> , 2019 , 10, 32	1	10
119	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, 59-66	1.5	7
118	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	1	78
117	SURG-16. SUPRATOTAL VERSUS GROSS TOTAL RESECTION OF GLIOBLASTOMA: A SYSTEMATIC REVIEW. <i>Neuro-Oncology</i> , 2019 , 21, vi243-vi243	1	78
116	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	1	13
115	Genomic Landscape of Intramedullary Spinal Cord Gliomas. <i>Scientific Reports</i> , 2019 , 9, 18722	4.9	15
114	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	6.4	19
113	Current state of immunotherapy for glioblastoma. <i>Nature Reviews Clinical Oncology</i> , 2018 , 15, 422-442	19.4	466
112	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	6.4	17
111	Detection and localization of surgically resectable cancers with a multi-analyte blood test. <i>Science</i> , 2018 , 359, 926-930	33.3	1204
110	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	2.1	8

109	Ewing Sarcoma of the Spine: Prognostic Variables for Survival and Local Control in Surgically Treated Patients. <i>Spine</i> , 2018 , 43, 622-629	3.3	24
108	Repeatability of language fMRI lateralization and localization metrics in brain tumor patients. <i>Human Brain Mapping</i> , 2018 , 39, 4733-4742	5.9	11
107	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	2.8	6
106	Current treatment strategy for newly diagnosed chordoma of the mobile spine and sacrum: results of an international survey. <i>Journal of Neurosurgery: Spine</i> , 2018 , 30, 119-125	2.8	22
105	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	1.5	
104	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	1.5	1
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	2.1	27
102	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	1	78
101	RTHP-13. TUMOR-TREATING FIELDS THERAPY IS COMPATIBLE WITH STANDARD CHEMORADIOTHERAPY FOR GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi228-vi228	1	78
100	Genomic analysis identifies frequent deletions of Dystrophin in olfactory neuroblastoma. <i>Nature Communications</i> , 2018 , 9, 5410	17.4	14
99	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	2.7	10
98	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	9.8	16
97	BRAF-V600 mutational status affects recurrence patterns of melanoma brain metastasis. <i>International Journal of Cancer</i> , 2017 , 140, 2716-2727	7.5	14
96	Preresidency Publication Number Does Not Predict Academic Career Placement in Neurosurgery. <i>World Neurosurgery</i> , 2017 , 101, 350-356	2.1	20
95	Readmissions After Surgical Resection of Metastatic Tumors of the Spine at a Single Institution. <i>World Neurosurgery</i> , 2017 , 101, 695-701.e1	2.1	15
94	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	115
93	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	2.1	27
92	Systematic Review of the Outcomes of Surgical Treatment of Prostate Metastases to the Spine. <i>Global Spine Journal</i> , 2017 , 7, 460-468	2.7	9

91	Applications of DNA-Based Liquid Biopsy for Central Nervous System Neoplasms. <i>Journal of Molecular Diagnostics</i> , 2017 , 19, 24-34	5.1	43
90	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	4	14
89	Efficacy of primary microvascular decompression versus subsequent microvascular decompression for trigeminal neuralgia. <i>Journal of Neurosurgery</i> , 2017 , 126, 1691-1697	3.2	12
88	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	3.1	7
87	Genetic landscape of extreme responders with anaplastic oligodendroglioma. <i>Oncotarget</i> , 2017 , 8, 35523-35536	3.3	36
86	Spinal column chordoma: prognostic significance of clinical variables and T (brachyury) gene SNP rs2305089 for local recurrence and overall survival. <i>Neuro-Oncology</i> , 2017 , 19, 405-413	1	21
85	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	2.1	46
84	Clinical, surgical, and molecular prognostic factors for survival after spinal sarcoma resection. <i>Neurosurgical Focus</i> , 2016 , 41, E9	4.2	14
83	Molecular Markers and Targeted Therapeutics in Metastatic Tumors of the Spine: Changing the Treatment Paradigms. <i>Spine</i> , 2016 , 41 Suppl 20, S218-S223	3.3	24
82	Percutaneous Procedures for the Treatment of Trigeminal Neuralgia. <i>Neurosurgery Clinics of North America</i> , 2016 , 27, 277-95	4	29
81	Microarray-Based Phospho-Proteomic Profiling of Complex Biological Systems. <i>Translational Oncology</i> , 2016 , 9, 124-129	4.9	6
80	Risk Factors for Recurrence of Surgically Treated Conventional Spinal Schwannomas: Analysis of 169 Patients From a Multicenter International Database. <i>Spine</i> , 2016 , 41, 390-8	3.3	49
79	[(124)I]FIAU: Human dosimetry and infection imaging in patients with suspected prosthetic joint infection. <i>Nuclear Medicine and Biology</i> , 2016 , 43, 273-9	2.1	35
78	Mobile spine chordoma: results of 166 patients from the AOSpine Knowledge Forum Tumor database. <i>Journal of Neurosurgery: Spine</i> , 2016 , 24, 644-51	2.8	63
77	Extraneural Glioblastoma Multiforme Vertebral Metastasis. <i>World Neurosurgery</i> , 2016 , 89, 578-582.e3	2.1	31
76	Establishment and Biological Characterization of a Panel of Glioblastoma Multiforme (GBM) and GBM Variant Oncosphere Cell Lines. <i>PLoS ONE</i> , 2016 , 11, e0150271	3.7	17
75	Surgical Management of Spinal Chondrosarcomas. <i>Spine</i> , 2016 , 41, 678-85	3.3	39
74	Anti-PD-1 antitumor immunity is enhanced by local and abrogated by systemic chemotherapy in GBM. <i>Science Translational Medicine</i> , 2016 , 8, 370ra180	17.5	178

73	Clinical Decision Making: Integrating Advances in the Molecular Understanding of Spine Tumors. <i>Spine</i> , 2016 , 41 Suppl 20, S171-S177	3.3	3
72	Introduction to Focus Issue II in Spine Oncology: Evidence-based Medicine Recommendations for Spine Oncology. <i>Spine</i> , 2016 , 41 Suppl 20, S159-S162	3.3	4
71	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, 482-96	2.7	25
70	High-Resolution MRI Findings following Trigeminal Rhizotomy. <i>American Journal of Neuroradiology</i> , 2016 , 37, 1920-1924	4.4	3
69	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	2.2	18
68	Sporadic intramedullary hemangioblastoma of the spine: a single institutional review of 21 cases. <i>Neurological Research</i> , 2016 , 38, 205-9	2.7	20
67	Poor prognosis despite aggressive treatment in adults with intramedullary spinal cord glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 1628-31	2.2	18
66	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	17.5	265
65	Long-term outcomes in primary spinal osteochondroma: a multicenter study of 27 patients. <i>Journal of Neurosurgery: Spine</i> , 2015 , 22, 582-8	2.8	28
64	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, 9704-9	11.5	229
63	Spinal hemangiomas: results of surgical management for local recurrence and mortality in a multicenter study. <i>Spine</i> , 2015 , 40, 656-64	3.3	40
62	Genetics and immunotherapy: using the genetic landscape of gliomas to inform management strategies. <i>Journal of Neuro-Oncology</i> , 2015 , 123, 373-83	4.8	11
61	Neurology--the next 10 years. <i>Nature Reviews Neurology</i> , 2015 , 11, 658-64	15	6
60	Prognostic factors associated with pain palliation after spine stereotactic body radiation therapy. <i>Journal of Neurosurgery: Spine</i> , 2015 , 23, 620-629	2.8	22
59	Reduced CSF leak in complete calvarial reconstructions of microvascular decompression craniectomies using calcium phosphate cement. <i>Journal of Neurosurgery</i> , 2015 , 123, 1476-9	3.2	23
58	Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke. <i>Head and Neck</i> , 2015 , 37, 1642-9	4.2	55
57	Pituitary adenomas: historical perspective, surgical management and future directions. <i>CNS Oncology</i> , 2015 , 4, 411-29	4	54
56	Risk of surgical site infection in 401 consecutive patients with glioblastoma with and without carmustine wafer implantation. <i>Neurological Research</i> , 2015 , 37, 717-26	2.7	26

55	Genomic discoveries in adult astrocytoma. <i>Current Opinion in Genetics and Development</i> , 2015 , 30, 17-24	4.9	8
54	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, 173-8	1	22
53	Somatic mutations of SUZ12 in malignant peripheral nerve sheath tumors. <i>Nature Genetics</i> , 2014 , 46, 1170-2	36.3	186
52	Identifying better surgical candidates among recursive partitioning analysis class 2 patients who underwent surgery for intracranial metastases. <i>World Neurosurgery</i> , 2014 , 82, e267-75	2.1	6
51	Aneurysmal bone cysts of the spine: treatment options and considerations. <i>Journal of Neuro-Oncology</i> , 2014 , 120, 171-8	4.8	46
50	Detection of circulating tumor DNA in early- and late-stage human malignancies. <i>Science Translational Medicine</i> , 2014 , 6, 224ra24	17.5	2741
49	Factors associated with survival and recurrence for patients undergoing surgery of cerebellar metastases. <i>Neurological Research</i> , 2014 , 36, 13-25	2.7	19
48	Evaluation of eight plasma proteins as candidate blood-based biomarkers for malignant gliomas. <i>Cancer Investigation</i> , 2014 , 32, 423-9	2.1	15
47	An evidence-based medicine model for rare and often neglected neoplastic conditions. <i>Journal of Neurosurgery: Spine</i> , 2014 , 21, 704-10	2.8	18
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- 1 COVID-19 outcomes among hospitalized men with or without exposure to alpha-1-adrenergic receptor blocking agents