

Raymond Sawaya

List of Publications by Year in descending order

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218
papers

24,035
citations

11651

70
h-index

7745

150
g-index

226
all docs

226
docs citations

226
times ranked

23152
citing authors

#	ARTICLE	IF	CITATIONS
1	A multivariate analysis of 416 patients with glioblastoma multiforme: prognosis, extent of resection, and survival. <i>Journal of Neurosurgery</i> , 2001, 95, 190-198.	1.6	2,484
2	The role of autophagy in cancer development and response to therapy. <i>Nature Reviews Cancer</i> , 2005, 5, 726-734.	28.4	1,581
3	Association of the Extent of Resection With Survival in Glioblastoma. <i>JAMA Oncology</i> , 2016, 2, 1460.	7.1	710
4	Immunologic Escape After Prolonged Progression-Free Survival With Epidermal Growth Factor Receptor Variant III Peptide Vaccination in Patients With Newly Diagnosed Glioblastoma. <i>Journal of Clinical Oncology</i> , 2010, 28, 4722-4729.	1.6	702
5	Neurosurgical Outcomes in a Modern Series of 400 Craniotomies for Treatment of Parenchymal Tumors. <i>Neurosurgery</i> , 1998, 42, 1044-1055.	1.1	603
6	Post-operative stereotactic radiosurgery versus observation for completely resected brain metastases: a single-centre, randomised, controlled, phase 3 trial. <i>Lancet Oncology</i> , The, 2017, 18, 1040-1048.	10.7	537
7	Glioma cancer stem cells induce immunosuppressive macrophages/microglia. <i>Neuro-Oncology</i> , 2010, 12, 1113-1125.	1.2	530
8	FoxM1 Promotes β -Catenin Nuclear Localization and Controls Wnt Target-Gene Expression and Glioma Tumorigenesis. <i>Cancer Cell</i> , 2011, 20, 427-442.	16.8	505
9	Surgical treatment of multiple brain metastases. <i>Journal of Neurosurgery</i> , 1993, 79, 210-216.	1.6	487
10	Stat3 activation regulates the expression of matrix metalloproteinase-2 and tumor invasion and metastasis. <i>Oncogene</i> , 2004, 23, 3550-3560.	5.9	487
11	Evidence That Curcumin Suppresses the Growth of Malignant Gliomas in Vitro and in Vivo through Induction of Autophagy: Role of Akt and Extracellular Signal-Regulated Kinase Signaling Pathways. <i>Molecular Pharmacology</i> , 2007, 72, 29-39.	2.3	480
12	The influence of maximum safe resection of glioblastoma on survival in 1229 patients: Can we do better than gross-total resection?. <i>Journal of Neurosurgery</i> , 2016, 124, 977-988.	1.6	480
13	Phase I Study of DNX-2401 (Delta-24-RGD) Oncolytic Adenovirus: Replication and Immunotherapeutic Effects in Recurrent Malignant Glioma. <i>Journal of Clinical Oncology</i> , 2018, 36, 1419-1427.	1.6	477
14	Prognostic Effect of Epidermal Growth Factor Receptor and EGFRvIII in Glioblastoma Multiforme Patients. <i>Clinical Cancer Research</i> , 2005, 11, 1462-1466.	7.0	446
15	IDH1 mutant malignant astrocytomas are more amenable to surgical resection and have a survival benefit associated with maximal surgical resection. <i>Neuro-Oncology</i> , 2014, 16, 81-91.	1.2	370
16	Activation of Stat3 in Human Melanoma Promotes Brain Metastasis. <i>Cancer Research</i> , 2006, 66, 3188-3196.	0.9	366
17	Glioblastoma-infiltrated innate immune cells resemble M0 macrophage phenotype. <i>JCI Insight</i> , 2016, 1, .	5.0	356
18	Limitations of stereotactic biopsy in the initial management of gliomas. <i>Neuro-Oncology</i> , 2001, 3, 193-200.	1.2	329

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19	Preclinical Characterization of the Antiglioma Activity of a Tropism-Enhanced Adenovirus Targeted to the Retinoblastoma Pathway. <i>Journal of the National Cancer Institute</i> , 2003, 95, 652-660.	6.3	314
20	Greater chemotherapy-induced lymphopenia enhances tumor-specific immune responses that eliminate EGFRVIII-expressing tumor cells in patients with glioblastoma. <i>Neuro-Oncology</i> , 2011, 13, 324-333.	1.2	306
21	FoxM1B Is Overexpressed in Human Glioblastomas and Critically Regulates the Tumorigenicity of Glioma Cells. <i>Cancer Research</i> , 2006, 66, 3593-3602.	0.9	292
22	Surgery versus radiosurgery in the treatment of brain metastasis. <i>Journal of Neurosurgery</i> , 1996, 84, 748-754.	1.6	287
23	Glioblastoma Cancer-Initiating Cells Inhibit T-Cell Proliferation and Effector Responses by the Signal Transducers and Activators of Transcription 3 Pathway. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 67-78.	4.1	253
24	Glioblastoma stem cell-derived exosomes induce M2 macrophages and PD-L1 expression on human monocytes. <i>Oncolmmunology</i> , 2018, 7, e1412909.	4.6	247
25	Prognostic significance of preoperative MRI scans in glioblastoma multiforme. <i>Journal of Neuro-Oncology</i> , 1996, 27, 65-73.	2.9	227
26	Glioma-Associated Cancer-Initiating Cells Induce Immunosuppression. <i>Clinical Cancer Research</i> , 2010, 16, 461-473.	7.0	212
27	AWAKE CRANIOTOMY FOR BRAIN TUMORS NEAR ELOQUENT CORTEX. <i>Neurosurgery</i> , 2009, 64, 836-846.	1.1	210
28	Use of intraoperative ultrasound for localizing tumors and determining the extent of resection: a comparative study with magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 1996, 84, 737-741.	1.6	208
29	An implantable guide-screw system for brain tumor studies in small animals. <i>Journal of Neurosurgery</i> , 2000, 92, 326-333.	1.6	208
30	Necrosis and Glioblastoma: A Friend or a Foe? A Review and a Hypothesis. <i>Neurosurgery</i> , 2002, 51, 2-13.	1.1	195
31	Surgical resection of intrinsic insular tumors: complication avoidance. <i>Journal of Neurosurgery</i> , 2001, 95, 638-650.	1.6	193
32	FoxM1B Transcriptionally Regulates Vascular Endothelial Growth Factor Expression and Promotes the Angiogenesis and Growth of Glioma Cells. <i>Cancer Research</i> , 2008, 68, 8733-8742.	0.9	184
33	External radiation of brain metastases from renal carcinoma: A retrospective study of 119 patients from the M. D. Anderson Cancer Center. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 37, 753-759.	0.8	183
34	IMPACT OF INTRAOPERATIVE HIGH-FIELD MAGNETIC RESONANCE IMAGING GUIDANCE ON GLIOMA SURGERY. <i>Neurosurgery</i> , 2009, 64, 1073-1081.	1.1	178
35	The Incidence, Correlation with Tumor-Infiltrating Inflammation, and Prognosis of Phosphorylated STAT3 Expression in Human Gliomas. <i>Clinical Cancer Research</i> , 2008, 14, 8228-8235.	7.0	174
36	Mesenchymal stem cells as natural biofactories for exosomes carrying miR-124a in the treatment of gliomas. <i>Neuro-Oncology</i> , 2018, 20, 380-390.	1.2	173

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37	Stereotactic radiosurgical treatment in 103 patients for 153 cerebral melanoma metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 1097-1106.	0.8	168
38	Inhibition of the DNA-Dependent Protein Kinase Catalytic Subunit Radiosensitizes Malignant Glioma Cells by Inducing Autophagy. <i>Cancer Research</i> , 2005, 65, 4368-4375.	0.9	162
39	The tumorigenic FGFR3-TACC3 gene fusion escapes miR-99a regulation in glioblastoma. <i>Journal of Clinical Investigation</i> , 2013, 123, 855-65.	8.2	159
40	Reoperation for recurrent metastatic brain tumors. <i>Journal of Neurosurgery</i> , 1995, 83, 600-604.	1.6	158
41	Autophagic Cell Death of Malignant Glioma Cells Induced by a Conditionally Replicating Adenovirus. <i>Journal of the National Cancer Institute</i> , 2006, 98, 625-636.	6.3	157
42	Sustained activation of SMAD3/SMAD4 by FOXM1 promotes TGF- β dependent cancer metastasis. <i>Journal of Clinical Investigation</i> , 2014, 124, 564-579.	8.2	155
43	Comparative risk of leptomeningeal disease after resection or stereotactic radiosurgery for solid tumor metastasis to the posterior fossa. <i>Journal of Neurosurgery</i> , 2008, 108, 248-257.	1.6	154
44	Factors influencing the risk of local recurrence after resection of a single brain metastasis. <i>Journal of Neurosurgery</i> , 2010, 113, 181-189.	1.6	146
45	Expression of Activated Signal Transducer and Activator of Transcription 3 Predicts Expression of Vascular Endothelial Growth Factor in and Angiogenic Phenotype of Human Gastric Cancer. <i>Clinical Cancer Research</i> , 2005, 11, 1386-1393.	7.0	134
46	Management of brain metastases: the indispensable role of surgery. <i>Journal of Neuro-Oncology</i> , 2009, 92, 275-282.	2.9	133
47	Monitoring autophagy in glioblastoma with antibody against isoform B of human microtubule-associated protein 1 light chain 3. <i>Autophagy</i> , 2008, 4, 467-475.	9.1	126
48	COMPARATIVE RISK OF LEPTOMENINGEAL DISSEMINATION OF CANCER AFTER SURGERY OR STEREOTACTIC RADIOSURGERY FOR A SINGLE SUPRATENTORIAL SOLID TUMOR METASTASIS. <i>Neurosurgery</i> , 2009, 64, 664-676.	1.1	124
49	Glioma-Associated Cytomegalovirus Mediates Subversion of the Monocyte Lineage to a Tumor Propagating Phenotype. <i>Clinical Cancer Research</i> , 2011, 17, 4642-4649.	7.0	116
50	Metastasis of esophageal carcinoma to the brain. <i>Cancer</i> , 2003, 98, 1925-1933.	4.1	114
51	Brain Metastases in Patients with Ovarian Carcinoma: Prognostic Factors and Outcome. <i>Journal of Neuro-Oncology</i> , 2004, 66, 313-325.	2.9	114
52	Immunological responses in a patient with glioblastoma multiforme treated with sequential courses of temozolomide and immunotherapy: Case study. <i>Neuro-Oncology</i> , 2008, 10, 98-103.	1.2	109
53	Overexpression and localization of cathepsin B during the progression of human gliomas. <i>Clinical and Experimental Metastasis</i> , 1995, 13, 49-56.	3.3	108
54	Aggressive meningeal tumors: review of a series. <i>Journal of Neurosurgery</i> , 1995, 82, 17-27.	1.6	104

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55	The Role of Tumor Size in the Radiosurgical Management of Patients with Ambiguous Brain Metastases. <i>Neurosurgery</i> , 2003, 53, 272-281.	1.1	101
56	Impact of surgical methodology on the complication rate and functional outcome of patients with a single brain metastasis. <i>Journal of Neurosurgery</i> , 2015, 122, 1132-1143.	1.6	100
57	In vitro inhibition of human glioblastoma cell line invasiveness by antisense uPA receptor. <i>Oncogene</i> , 1997, 14, 1351-1359.	5.9	98
58	Window-of-opportunity clinical trial of pembrolizumab in patients with recurrent glioblastoma reveals predominance of immune-suppressive macrophages. <i>Neuro-Oncology</i> , 2020, 22, 539-549.	1.2	98
59	Outcome variation among "radioresistant" brain metastases treated with stereotactic radiosurgery. <i>Neurosurgery</i> , 2005, 56, 936-45; discussion 936-45.	1.1	97
60	Adenovirus-mediated p16/CDKN2 gene transfer suppresses glioma invasion in vitro. <i>Oncogene</i> , 1997, 15, 2049-2057.	5.9	94
61	Many human medulloblastoma tumors overexpress repressor element-1 silencing transcription (REST)/neuron-restrictive silencer factor, which can be functionally countered by REST-VP16. <i>Molecular Cancer Therapeutics</i> , 2005, 4, 343-349.	4.1	94
62	Expression of tissue inhibitors of metalloproteinases: negative regulators of human glioblastoma invasion in vivo. <i>Clinical and Experimental Metastasis</i> , 1995, 13, 57-62.	3.3	91
63	Extent of resection in malignant gliomas: a critical summary. <i>Journal of Neuro-Oncology</i> , 1999, 42, 303-305.	2.9	82
64	Multiple craniotomies in the management of multifocal and multicentric glioblastoma. <i>Journal of Neurosurgery</i> , 2011, 114, 576-584.	1.6	77
65	FoxM1B Regulates NEDD4-1 Expression, Leading to Cellular Transformation and Full Malignant Phenotype in Immortalized Human Astrocytes. <i>Cancer Research</i> , 2010, 70, 2951-2961.	0.9	76
66	Prognostic significance of proteolytic enzymes in human brain tumors. <i>Journal of Neuro-Oncology</i> , 1994, 22, 101-110.	2.9	75
67	Modulation of matrix metalloproteinase-2 and invasion in human glioma cells by $\alpha_3\beta_1$ integrin. <i>Cancer Letters</i> , 1996, 103, 201-208.	7.2	75
68	Carcinoid metastasis to the brain. <i>Cancer</i> , 2004, 101, 2605-2613.	4.1	75
69	Molecular Basis for the Critical Role of Suppressor of Cytokine Signaling-1 in Melanoma Brain Metastasis. <i>Cancer Research</i> , 2008, 68, 9634-9642.	0.9	75
70	A Coclinal Radiogenomic Validation Study: Conserved Magnetic Resonance Radiomic Appearance of Periostin-Expressing Glioblastoma in Patients and Xenograft Models. <i>Clinical Cancer Research</i> , 2018, 24, 6288-6299.	7.0	74
71	Antiangiogenesis – therapeutic strategies and clinical implications for brain tumors. , 2000, 50, 189-200.		73
72	Optimizing Outcomes with Maximal Surgical Resection of Malignant Gliomas. <i>Cancer Control</i> , 2003, 10, 109-114.	1.8	72

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73	Intratumoral Mediated Immunosuppression is Prognostic in Genetically Engineered Murine Models of Glioma and Correlates to Immunotherapeutic Responses. <i>Clinical Cancer Research</i> , 2010, 16, 5722-5733.	7.0	71
74	Intraoperative Chemical Hemostasis in Neurosurgery. <i>Neurosurgery</i> , 1986, 18, 223-233.	1.1	70
75	Inhibition of in vivo tumorigenicity and invasiveness of a human glioblastoma cell line transfected with antisense uPAR vectors. <i>Clinical and Experimental Metastasis</i> , 1997, 15, 440-446.	3.3	70
76	Subcortical Injury Is an Independent Predictor of Worsening Neurological Deficits Following Awake Craniotomy Procedures. <i>Neurosurgery</i> , 2013, 72, 160-169.	1.1	70
77	Breast Cancer With Brain Metastases: Clinicopathologic Features, Survival, and Paired Biomarker Analysis. <i>Oncologist</i> , 2015, 20, 466-473.	3.7	70
78	Induction of Matrix Metalloproteinase-9 Requires a Polymerized Actin Cytoskeleton in Human Malignant Glioma Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 13545-13551.	3.4	69
79	Genetic, epigenetic, and molecular landscapes of multifocal and multicentric glioblastoma. <i>Acta Neuropathologica</i> , 2015, 130, 587-597.	7.7	68
80	Role of plasminogen activator and of 92-KDa type IV collagenase in glioblastoma invasion using an in vitro Matrigel model. <i>Journal of Neuro-Oncology</i> , 1994, 18, 129-138.	2.9	67
81	Expression and immunohistochemical localization of cathepsin L during the progression of human gliomas. <i>Clinical and Experimental Metastasis</i> , 1996, 14, 27-34.	3.3	66
82	Identification of Necrosis-Associated Genes in Glioblastoma by cDNA Microarray Analysis. <i>Clinical Cancer Research</i> , 2004, 10, 212-221.	7.0	66
83	Resection of brain metastases previously treated with stereotactic radiosurgery. <i>Journal of Neurosurgery</i> , 2005, 102, 209-215.	1.6	65
84	Awake craniotomy for gliomas in a high-field intraoperative magnetic resonance imaging suite: analysis of 42 cases. <i>Journal of Neurosurgery</i> , 2014, 121, 810-817.	1.6	64
85	Surgical treatment of metastatic brain tumors. <i>Journal of Neuro-Oncology</i> , 1996, 27, 269-277.	2.9	63
86	Î² ²⁴ -hyCD adenovirus suppresses glioma growth in vivo by combining oncolysis and chemosensitization. <i>Cancer Gene Therapy</i> , 2005, 12, 284-294.	4.6	62
87	Outcomes and Prognostic Factors for Patients With Brainstem Metastases Undergoing Stereotactic Radiosurgery. <i>Neurosurgery</i> , 2011, 69, 796-806.	1.1	60
88	Phosphorylated Pak1 Level in the Cytoplasm Correlates with Shorter Survival Time in Patients with Glioblastoma. <i>Clinical Cancer Research</i> , 2007, 13, 6603-6609.	7.0	59
89	Surgical Management of Cerebral Metastases. <i>Neurosurgery Clinics of North America</i> , 1996, 7, 459-484.	1.7	58
90	Telomere 3' overhang-specific DNA oligonucleotides induce autophagy in malignant glioma cells. <i>FASEB Journal</i> , 2007, 21, 2918-2930.	0.5	57

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91	ecancermedalscience. Ecancermedalscience, 2013, 7, 308.	1.1	56
92	Cystic glioblastoma multiforme: survival outcomes in 22 cases. Journal of Neurosurgery, 2004, 100, 61-67.	1.6	56
93	Akt inhibitor shows anticancer and radiosensitizing effects in malignant glioma cells by inducing autophagy. International Journal of Oncology, 0, , .	3.3	54
94	Adjuvant whole-brain radiation therapy after surgical resection of single brain metastases. Neuro-Oncology, 2010, 12, 711-719.	1.2	54
95	Expression and the role of cathepsin H in human glioma progression and invasion. Cancer Letters, 1996, 104, 121-126.	7.2	53
96	Mir-21â€“Sox2 Axis Delineates Glioblastoma Subtypes with Prognostic Impact. Journal of Neuroscience, 2015, 35, 15097-15112.	3.6	53
97	Biological significance of tissue plasminogen activator content in brain tumors. Journal of Neurosurgery, 1991, 74, 480-486.	1.6	52
98	Postoperative venous thromboembolism and brain tumors: part I. Clinical profile. Journal of Neuro-Oncology, 1992, 14, 119-25.	2.9	52
99	IGFBP2 is a candidate biomarker for <i>Ink4a-Arf</i> status and a therapeutic target for high-grade gliomas. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 16675-16679.	7.1	52
100	Volumetric measurement of brain tumors from MR imaging. Journal of Neuro-Oncology, 1998, 37, 87-93.	2.9	50
101	Stat3 orchestrates interaction between endothelial and tumor cells and inhibition of Stat3 suppresses brain metastasis of breast cancer cells. Oncotarget, 2015, 6, 10016-10029.	1.8	50
102	Expression of cathepsin D during the progression of human gliomas. Neuroscience Letters, 1996, 208, 171-174.	2.1	48
103	Elevated Levels of Mr92,000 Type IV Collagenase during Tumor Growth in Vivo. Biochemical and Biophysical Research Communications, 1998, 251, 632-636.	2.1	48
104	Forkhead Box M1 Is Regulated by Heat Shock Factor 1 and Promotes Glioma Cells Survival under Heat Shock Stress. Journal of Biological Chemistry, 2013, 288, 1634-1642.	3.4	46
105	Management of metastatic brain tumors. Annals of Surgical Oncology, 1994, 1, 169-178.	1.5	45
106	Stereotactic radiosurgery for brain metastases: Results and prognostic factors. International Journal of Cancer, 2000, 90, 157-162.	5.1	45
107	Neurosurgical management of patients with brain metastasis. Neurosurgical Review, 2020, 43, 483-495.	2.4	45
108	Intracranial Osteolytic Malignant Meningiomas Appearing as Extracranial Soft-Tissue Masses. Neurosurgery, 1992, 30, 932-934.	1.1	45

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109	Analysis of Phosphotyrosine Signaling in Glioblastoma Identifies STAT5 as a Novel Downstream Target of γ EGFR. <i>Journal of Proteome Research</i> , 2011, 10, 1343-1352.	3.7	44
110	Plasminogen activator activity and molecular weight patterns in human brain tumors. <i>Journal of Neurosurgery</i> , 1988, 68, 73-79.	1.6	42
111	Technical principles in glioma surgery and preoperative considerations. <i>Journal of Neuro-Oncology</i> , 2016, 130, 243-252.	2.9	42
112	Surgical management of brain metastases. <i>Current Oncology Reports</i> , 2001, 3, 476-483.	4.0	41
113	Toward better early-phase brain tumor clinical trials: A reappraisal of current methods and proposals for future strategies. <i>Neuro-Oncology</i> , 2002, 4, 268-277.	1.2	41
114	Nuclear EGFRvIII-STAT5b complex contributes to glioblastoma cell survival by direct activation of the Bcl-2 promoter. <i>International Journal of Cancer</i> , 2013, 132, 509-520.	5.1	41
115	Induction of tissue-type plasminogen activator and 72-kDa type-IV collagenase by ionizing radiation in rat astrocytes. <i>International Journal of Cancer</i> , 1994, 56, 214-218.	5.1	40
116	Effects of radiation on the levels of MMP-2, MMP-9 and TIMP-1 during morphogenic glial-endothelial cell interactions. <i>International Journal of Cancer</i> , 2000, 88, 766-771.	5.1	40
117	Neurosurgical management of brain metastases. <i>Clinical and Experimental Metastasis</i> , 2017, 34, 377-389.	3.3	40
118	Surgical treatment of metastatic brain tumors. , 1998, 14, 53-63.		39
119	Neuropsychological Effects of Third Ventricle Tumor Surgery. <i>Neurosurgery</i> , 2003, 52, 791-798.	1.1	39
120	Impact of Preoperative Functional Magnetic Resonance Imaging during Awake Craniotomy Procedures for Intraoperative Guidance and Complication Avoidance. <i>Stereotactic and Functional Neurosurgery</i> , 2014, 92, 315-322.	1.5	39
121	Preoperative Imaging to Predict Intraoperative Changes in Tumor-to-Corticospinal Tract Distance. <i>Neurosurgery</i> , 2014, 75, 23-30.	1.1	38
122	Spinal epidural extramedullary hematopoiesis with cord compression in a patient with refractory sideroblastic anemia. <i>Journal of Neurosurgery</i> , 1982, 57, 399-406.	1.6	36
123	Basic surgical techniques in the resection of malignant gliomas. <i>Journal of Neuro-Oncology</i> , 1999, 42, 215-226.	2.9	35
124	Perilesional Resection of Glioblastoma Is Independently Associated With Improved Outcomes. <i>Neurosurgery</i> , 2020, 86, 112-121.	1.1	35
125	Activities, localizations, and roles of serine proteases and their inhibitors in human brain tumor progression. <i>Journal of Neuro-Oncology</i> , 1994, 22, 139-151.	2.9	34
126	Expression and role of matrix metalloproteinases MMP-2 and MMP-9 in human spinal column tumors. <i>Clinical and Experimental Metastasis</i> , 1998, 16, 721-728.	3.3	33

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127	Increased levels of plasminogen activator inhibitor-1 (PAI-1) in human brain tumors. <i>Journal of Neuro-Oncology</i> , 1993, 17, 215-221.	2.9	32
128	Brain Tumors and Plasmin Inhibitors. <i>Neurosurgery</i> , 1984, 15, 795-800.	1.1	31
129	Plasminogen Activator Inhibitor-1 in Brain Tumors. <i>Neurosurgery</i> , 1995, 36, 375-381.	1.1	31
130	Profiles of brain metastases: Prioritization of therapeutic targets. <i>International Journal of Cancer</i> , 2018, 143, 3019-3026.	5.1	31
131	Superior Sagittal Sinus Thrombosis after Closed Head Injury. <i>Neurosurgery</i> , 1985, 16, 825-828.	1.1	30
132	Intracranial Osteolytic Malignant Meningiomas Appearing as Extracranial Soft-Tissue Masses. <i>Neurosurgery</i> , 1992, 30, 932-934.	1.1	30
133	Expression of cysteine protease inhibitors in human gliomas and meningiomas. <i>Clinical and Experimental Metastasis</i> , 1996, 14, 344-350.	3.3	30
134	Surgical Resection of Calvarial Metastases Overlying Dural Sinuses. <i>Neurosurgery</i> , 2001, 48, 745-755.	1.1	30
135	Glioblastoma-mediated Immune Dysfunction Limits CMV-specific T Cells and Therapeutic Responses: Results from a Phase I/II Trial. <i>Clinical Cancer Research</i> , 2020, 26, 3565-3577.	7.0	30
136	Metastatic brain tumors with dural extension. <i>Journal of Neurosurgery</i> , 1998, 89, 552-558.	1.6	29
137	Phosphorylation of Thr18 and Ser20 of p53 in Ad-p53-induced apoptosis. <i>Neuro-Oncology</i> , 2008, 10, 275-291.	1.2	29
138	Simultaneous phosphorylation of p53 at serine 15 and 20 induces apoptosis in human glioma cells by increasing expression of pro-apoptotic genes. <i>Journal of Neuro-Oncology</i> , 2009, 92, 357-371.	2.9	29
139	Lesions of the calvaria: Surgical experience with 42 patients. <i>Annals of Surgical Oncology</i> , 1997, 4, 28-36.	1.5	28
140	Altered actin cytoskeleton and inhibition of matrix metalloproteinase expression by vanadate and phenylarsine oxide, inhibitors of phosphotyrosine phosphatases: Modulation of migration and invasion of human malignant glioma cells. <i>Molecular Carcinogenesis</i> , 1999, 26, 274-285.	2.7	28
141	Diagnostic discrepancies in malignant astrocytoma due to limited small pathological tumor sample can be overcome by IDH1 testing. <i>Journal of Neuro-Oncology</i> , 2014, 118, 405-412.	2.9	28
142	Chronic Disseminated Intravascular Coagulation and Metastatic Brain Tumor: A Case Report and Review of the Literature. <i>Neurosurgery</i> , 1983, 12, 580-584.	1.1	27
143	Mechanisms of action of rapamycin in gliomas. <i>Neuro-Oncology</i> , 2005, 7, 1-11.	1.2	27
144	Surgical management of lateral-ventricle metastases: report of 29 cases in a single-institution experience. <i>Journal of Neurosurgery</i> , 2010, 112, 1046-1055.	1.6	27

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145	Alpha-1-antitrypsin in human brain tumors. <i>Journal of Neurosurgery</i> , 1987, 67, 258-262.	1.6	26
146	Altered in vitro spreading and cytoskeletal organization in human glioma cells by downregulation of urokinase receptor. <i>Molecular Carcinogenesis</i> , 1997, 20, 355-365.	2.7	26
147	Radiosurgery in the treatment of brain metastases: critical review regarding complications. <i>Neurosurgical Review</i> , 2007, 31, 1-9.	2.4	26
148	Radiomic Texture Analysis Mapping Predicts Areas of True Functional MRI Activity. <i>Scientific Reports</i> , 2016, 6, 25295.	3.3	26
149	Multi-center study finds postoperative residual non-enhancing component of glioblastoma as a new determinant of patient outcome. <i>Journal of Neuro-Oncology</i> , 2018, 139, 125-133.	2.9	26
150	Challenges in glioblastoma immunotherapy: mechanisms of resistance and therapeutic approaches to overcome them. <i>British Journal of Cancer</i> , 2022, 127, 976-987.	6.4	26
151	Successful Laser-assisted Excision of a Metastatic Midbrain Tumor. <i>Neurosurgery</i> , 1986, 18, 795-797.	1.1	25
152	Expression of 72 kDa and 92 kDa type IV collagenases from human giant-cell tumor of bone. <i>Clinical and Experimental Metastasis</i> , 1995, 13, 420-426.	3.3	25
153	Utilization of Intraoperative Motor Mapping in Glioma Surgery with High-Field Intraoperative Magnetic Resonance Imaging. <i>Stereotactic and Functional Neurosurgery</i> , 2010, 88, 345-352.	1.5	24
154	Massive Preoperative Pulmonary Embolism and Suprasellar Brain Tumor: Case Report and Review of the Literature. <i>Neurosurgery</i> , 1984, 15, 566-571.	1.1	21
155	Therapeutic targets in subependymoma. <i>Journal of Neuroimmunology</i> , 2014, 277, 168-175.	2.3	21
156	Postoperative venous thromboembolism and brain tumors: part II. Hemostatic profile. <i>Journal of Neuro-Oncology</i> , 1992, 14, 127-34.	2.9	20
157	Immediate morbidity and mortality associated with transcallosal resection of tumors of the third ventricle. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 830-836.	1.5	20
158	Brain tumors and thromboembolic complications. <i>World Neurosurgery</i> , 1987, 28, 163.	1.3	19
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