

Raymond Sawaya

List of Publications by Year in descending order

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Version: 2024-02-01

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	Circumferential sulcus-guided resection technique for improved outcomes of low-grade gliomas. <i>Journal of Neurosurgery</i> , 2022, , 1-11.	1.6	3
2	Imaging characteristics of 4th ventricle subependymoma. <i>Neuroradiology</i> , 2022, , 1.	2.2	1
3	A first-in-human Phase I trial of the oral p-STAT3 inhibitor WP1066 in patients with recurrent malignant glioma. <i>CNS Oncology</i> , 2022, 11, CNS87.	3.0	15
4	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
5	A Crowdsourced Consensus on Supratotal Resection Versus Gross Total Resection for Anatomically Distinct Primary Glioblastoma. <i>Neurosurgery</i> , 2021, 89, 712-719.	1.1	19
6	Pediatric neurosurgery at Texas Children's Hospital: the legacy of Dr. William R. Cheek. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, , 1-7.	1.3	0
7	Thalamic gliomas in adults: a systematic review of clinical characteristics, treatment strategies, and survival outcomes. <i>Journal of Neuro-Oncology</i> , 2021, 155, 215-224.	2.9	17
8	Neurosurgical management of patients with brain metastasis. <i>Neurosurgical Review</i> , 2020, 43, 483-495.	2.4	45
9	Perilesional Resection of Glioblastoma Is Independently Associated With Improved Outcomes. <i>Neurosurgery</i> , 2020, 86, 112-121.	1.1	35
10	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
11	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
12	Surgical Resection for Brain Metastases. , 2020, , 191-198.		0
13	Antitumor immune response during glioma virotherapy. <i>Neuro-Oncology</i> , 2019, 21, 1087-1088.	1.2	0
14	En Bloc Versus Piecemeal Resection of Metastatic Brain Tumors. , 2019, , 303-311.		2
15	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
16	Glioblastoma stem cell-derived exosomes induce M2 macrophages and PD-L1 expression on human monocytes. <i>Oncot Immunology</i> , 2018, 7, e1412909.	4.6	247
17	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
18	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

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19	A Time-Tested Information System in Neurosurgical Oncology. <i>Frontiers in Oncology</i> , 2018, 8, 593.	2.8	3
20	Biological subtypes and survival outcomes in breast cancer patients with brain metastases in the targeted therapy era. <i>Neuro-Oncology Practice</i> , 2018, 5, 161-169.	1.6	6
21	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
22	Profiles of brain metastases: Prioritization of therapeutic targets. <i>International Journal of Cancer</i> , 2018, 143, 3019-3026.	5.1	31
23	Neurosurgical Management of Single Brain Metastases. , 2018, , 431-447.		1
24	Neurosurgical management of brain metastases. <i>Clinical and Experimental Metastasis</i> , 2017, 34, 377-389.	3.3	40
25	Silent Sentence Completion Shows Superiority Localizing Wernicke's Area and Activation Patterns of Distinct Language Paradigms Correlate with Genomics: Prospective Study. <i>Scientific Reports</i> , 2017, 7, 12054.	3.3	9
26	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
27	Glioblastoma-infiltrated innate immune cells resemble M0 macrophage phenotype. <i>JCI Insight</i> , 2016, 1, .	5.0	356
28	Radiomic Texture Analysis Mapping Predicts Areas of True Functional MRI Activity. <i>Scientific Reports</i> , 2016, 6, 25295.	3.3	26
29	Technical principles in glioma surgery and preoperative considerations. <i>Journal of Neuro-Oncology</i> , 2016, 130, 243-252.	2.9	42
30	Association of the Extent of Resection With Survival in Glioblastoma. <i>JAMA Oncology</i> , 2016, 2, 1460.	7.1	710
31	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
32	SURG-04BETTER IN THE BUCKET: EXTENSIVE RESECTION IMPROVES SURVIVAL IN GLIOBLASTOMA- A SYSTEMATIC REVIEW AND META-ANALYSIS OF THE WORLD'S LITERATURE. <i>Neuro-Oncology</i> , 2015, 17, v214.4-v215.	1.2	0
33	Stat3 orchestrates interaction between endothelial and tumor cells and inhibition of Stat3 suppresses brain metastasis of breast cancer cells. <i>Oncotarget</i> , 2015, 6, 10016-10029.	1.8	50
34	Mir-21's Sox2 Axis Delineates Glioblastoma Subtypes with Prognostic Impact. <i>Journal of Neuroscience</i> , 2015, 35, 15097-15112.	3.6	53
35	Breast Cancer With Brain Metastases: Clinicopathologic Features, Survival, and Paired Biomarker Analysis. <i>Oncologist</i> , 2015, 20, 466-473.	3.7	70
36	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

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37	Genetic, epigenetic, and molecular landscapes of multifocal and multicentric glioblastoma. <i>Acta Neuropathologica</i> , 2015, 130, 587-597.	7.7	68
38	Metastatic Brain Tumors:Viewpoint“Surgery. , 2015, , 233-240.		1
39	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
40	Therapeutic targets in subependymoma. <i>Journal of Neuroimmunology</i> , 2014, 277, 168-175.	2.3	21
41	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
42	Preoperative Imaging to Predict Intraoperative Changes in Tumor-to-Corticospinal Tract Distance. <i>Neurosurgery</i> , 2014, 75, 23-30.	1.1	38
43	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
44	Sustained activation of SMAD3/SMAD4 by FOXM1 promotes TGF- β 2“dependent cancer metastasis. <i>Journal of Clinical Investigation</i> , 2014, 124, 564-579.	8.2	155
45	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
46	Real-Time Atlas-Based Stereotactic Neuronavigation. <i>Neurosurgery</i> , 2014, 74, 128-134.	1.1	11
47	Factors Responsible for Local Recurrence of Brain Metastasis. <i>Tumors of the Central Nervous System</i> , 2014, , 187-193.	0.1	0
48	ecancermedalscience. <i>Ecancermedalscience</i> , 2013, 7, 308.	1.1	56
49	Nuclear EGFRvIII“STAT5b complex contributes to glioblastoma cell survival by direct activation of the Bcl“XL promoter. <i>International Journal of Cancer</i> , 2013, 132, 509-520.	5.1	41
50	Forkhead Box M1 Is Regulated by Heat Shock Factor 1 and Promotes Glioma Cells Survival under Heat Shock Stress. <i>Journal of Biological Chemistry</i> , 2013, 288, 1634-1642.	3.4	46
51	Deformable Anatomic Templates Improve Analysis of Gliomas With Minimal Mass Effect in Eloquent Areas. <i>Neurosurgery</i> , 2013, 73, 534-542.	1.1	10
52	Subcortical Injury Is an Independent Predictor of Worsening Neurological Deficits Following Awake Craniotomy Procedures. <i>Neurosurgery</i> , 2013, 72, 160-169.	1.1	70
53	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
54	Letter to the editor: Glioblastoma resection. <i>Journal of Neurosurgery</i> , 2012, 116, 1166-1168.	1.6	3

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55	Metastatic brain tumors. , 2012, , 864-892.		16
56	Analysis of Phosphotyrosine Signaling in Glioblastoma Identifies STAT5 as a Novel Downstream Target of \hat{I}^{β} EGFR. Journal of Proteome Research, 2011, 10, 1343-1352.	3.7	44
57	Multiple craniotomies in the management of multifocal and multicentric glioblastoma. Journal of Neurosurgery, 2011, 114, 576-584.	1.6	77
58	Outcomes and Prognostic Factors for Patients With Brainstem Metastases Undergoing Stereotactic Radiosurgery. Neurosurgery, 2011, 69, 796-806.	1.1	60
59	FoxM1 Promotes \hat{I}^2 -Catenin Nuclear Localization and Controls Wnt Target-Gene Expression and Glioma Tumorigenesis. Cancer Cell, 2011, 20, 427-442.	16.8	505
60	Greater chemotherapy-induced lymphopenia enhances tumor-specific immune responses that eliminate EGFRvIII-expressing tumor cells in patients with glioblastoma. Neuro-Oncology, 2011, 13, 324-333.	1.2	306
61	Glioma-Associated Cytomegalovirus Mediates Subversion of the Monocyte Lineage to a Tumor Propagating Phenotype. Clinical Cancer Research, 2011, 17, 4642-4649.	7.0	116
62	Factors influencing the risk of local recurrence after resection of a single brain metastasis. Journal of Neurosurgery, 2010, 113, 181-189.	1.6	146
63	Adjuvant whole-brain radiation therapy after surgical resection of single brain metastases. Neuro-Oncology, 2010, 12, 711-719.	1.2	54
64	Intratumoral Mediated Immunosuppression is Prognostic in Genetically Engineered Murine Models of Glioma and Correlates to Immunotherapeutic Responses. Clinical Cancer Research, 2010, 16, 5722-5733.	7.0	71
65	FoxM1B Regulates NEDD4-1 Expression, Leading to Cellular Transformation and Full Malignant Phenotype in Immortalized Human Astrocytes. Cancer Research, 2010, 70, 2951-2961.	0.9	76
66	Glioma-Associated Cancer-Initiating Cells Induce Immunosuppression. Clinical Cancer Research, 2010, 16, 461-473.	7.0	212
67	Glioblastoma Cancer-Initiating Cells Inhibit T-Cell Proliferation and Effector Responses by the Signal Transducers and Activators of Transcription 3 Pathway. Molecular Cancer Therapeutics, 2010, 9, 67-78.	4.1	253
68	Immunologic Escape After Prolonged Progression-Free Survival With Epidermal Growth Factor Receptor Variant III Peptide Vaccination in Patients With Newly Diagnosed Glioblastoma. Journal of Clinical Oncology, 2010, 28, 4722-4729.	1.6	702
69	Utilization of Intraoperative Motor Mapping in Glioma Surgery with High-Field Intraoperative Magnetic Resonance Imaging. Stereotactic and Functional Neurosurgery, 2010, 88, 345-352.	1.5	24
70	Surgical management of lateral-ventricle metastases: report of 29 cases in a single-institution experience. Journal of Neurosurgery, 2010, 112, 1046-1055.	1.6	27
71	Immediate morbidity and mortality associated with transcallosal resection of tumors of the third ventricle. Journal of Clinical Neuroscience, 2010, 17, 830-836.	1.5	20
72	Glioma cancer stem cells induce immunosuppressive macrophages/microglia. Neuro-Oncology, 2010, 12, 1113-1125.	1.2	530

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73	Brain Metastasis. , 2010, , 345-361.		1
74	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
75	Asymptomatic cerebellopontine angle and lateral ventricle metastases from renal cell carcinoma: case report and literature review. Journal of Neuro-Oncology, 2009, 91, 101-106.	2.9	7
76	Management of brain metastases: the indispensable role of surgery. Journal of Neuro-Oncology, 2009, 92, 275-282.	2.9	133
77	Simultaneous phosphorylation of p53 at serine 15 and 20 induces apoptosis in human glioma cells by increasing expression of pro-apoptotic genes. Journal of Neuro-Oncology, 2009, 92, 357-371.	2.9	29
78	Detecting the percent of peripheral blood mononuclear cells displaying p-STAT-3 in malignant glioma patients. Journal of Translational Medicine, 2009, 7, 92.	4.4	7
79	COMPARATIVE RISK OF LEPTOMENINGEAL DISSEMINATION OF CANCER AFTER SURGERY OR STEREOTACTIC RADIOSURGERY FOR A SINGLE SUPRATENTORIAL SOLID TUMOR METASTASIS. Neurosurgery, 2009, 64, 664-676.	1.1	124
80	AWAKE CRANIOTOMY FOR BRAIN TUMORS NEAR ELOQUENT CORTEX. Neurosurgery, 2009, 64, 836-846.	1.1	210
81	IMPACT OF INTRAOPERATIVE HIGH-FIELD MAGNETIC RESONANCE IMAGING GUIDANCE ON GLIOMA SURGERY. Neurosurgery, 2009, 64, 1073-1081.	1.1	178
82	Comparative risk of leptomeningeal disease after resection or stereotactic radiosurgery for solid tumor metastasis to the posterior fossa. Journal of Neurosurgery, 2008, 108, 248-257.	1.6	154
83	Monitoring autophagy in glioblastoma with antibody against isoform B of human microtubule-associated protein 1 light chain 3. Autophagy, 2008, 4, 467-475.	9.1	126
84	The Incidence, Correlation with Tumor-Infiltrating Inflammation, and Prognosis of Phosphorylated STAT3 Expression in Human Gliomas. Clinical Cancer Research, 2008, 14, 8228-8235.	7.0	174
85	Immunological responses in a patient with glioblastoma multiforme treated with sequential courses of temozolomide and immunotherapy: Case study. Neuro-Oncology, 2008, 10, 98-103.	1.2	109
86	Phosphorylation of Thr18 and Ser20 of p53 in Ad-p53-induced apoptosis. Neuro-Oncology, 2008, 10, 275-291.	1.2	29
87	FoxM1B Transcriptionally Regulates Vascular Endothelial Growth Factor Expression and Promotes the Angiogenesis and Growth of Glioma Cells. Cancer Research, 2008, 68, 8733-8742.	0.9	184
88	Molecular Basis for the Critical Role of Suppressor of Cytokine Signaling-1 in Melanoma Brain Metastasis. Cancer Research, 2008, 68, 9634-9642.	0.9	75
89	Metastatic Brain Tumors: Surgery Perspective. , 2008, , 193-199.		2
90	Telomere 3' overhang-specific DNA oligonucleotides induce autophagy in malignant glioma cells. FASEB Journal, 2007, 21, 2918-2930.	0.5	57

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91	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
92	Complications of Stereotactic Radiosurgery in Patients With Brain Metastases. <i>Neurosurgery Quarterly</i> , 2007, 17, 81-91.	0.1	2
93	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
94	Radiosurgery in the treatment of brain metastases: critical review regarding complications. <i>Neurosurgical Review</i> , 2007, 31, 1-9.	2.4	26
95	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
96	Comments about the prospective randomized trial by Aoyama et al. <i>World Neurosurgery</i> , 2006, 66, 459-460.	1.3	10
97	Resident training in neurosurgical oncology: results of the survey of North American training programs by the AANS/CNS Section on Tumors. <i>Journal of Neuro-Oncology</i> , 2006, 77, 241-246.	2.9	13
98	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
99	Activation of Stat3 in Human Melanoma Promotes Brain Metastasis. <i>Cancer Research</i> , 2006, 66, 3188-3196.	0.9	366
100	Neurosurgical Oncology at The University of Texas M. D. Anderson Cancer Center: Its Genesis and Evolution. <i>Neurosurgery</i> , 2005, 56, 841-850.	1.1	3
101	Resection of brain metastases previously treated with stereotactic radiosurgery. <i>Journal of Neurosurgery</i> , 2005, 102, 209-215.	1.6	65
102	The role of autophagy in cancer development and response to therapy. <i>Nature Reviews Cancer</i> , 2005, 5, 726-734.	28.4	1,581
103	̳ 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
104	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
105	Mechanisms of action of rapamycin in gliomas. <i>Neuro-Oncology</i> , 2005, 7, 1-11.	1.2	27
106	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
107	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
108	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

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109	Outcome variation among "radioresistant" brain metastases treated with stereotactic radiosurgery. <i>Neurosurgery</i> , 2005, 56, 936-45; discussion 936-45.	1.1	97
110	Cystic glioblastoma multiforme: survival outcomes in 22 cases. <i>Journal of Neurosurgery</i> , 2004, 100, 61-67.	1.6	56
111	Identification of Necrosis-Associated Genes in Glioblastoma by cDNA Microarray Analysis. <i>Clinical Cancer Research</i> , 2004, 10, 212-221.	7.0	66
112	Stat3 activation regulates the expression of matrix metalloproteinase-2 and tumor invasion and metastasis. <i>Oncogene</i> , 2004, 23, 3550-3560.	5.9	487
113	Brain Metastases in Patients with Ovarian Carcinoma: Prognostic Factors and Outcome. <i>Journal of Neuro-Oncology</i> , 2004, 66, 313-325.	2.9	114
114	Chairman's Reflection on the Past, Present and Future of Neurosurgical Oncology. <i>Journal of Neuro-Oncology</i> , 2004, 69, 19-23.	2.9	3
115	Carcinoid metastasis to the brain. <i>Cancer</i> , 2004, 101, 2605-2613.	4.1	75
116	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
117	Part II: Surgery versus radiosurgery for brain metastasis: surgical advantages and radiosurgical myths. <i>Clinical Neurosurgery</i> , 2004, 51, 255-63.	0.2	5
118	Metastasis of esophageal carcinoma to the brain. <i>Cancer</i> , 2003, 98, 1925-1933.	4.1	114
119	Neoplasm Surgical Neurology - Volume 60, Issue 3. <i>World Neurosurgery</i> , 2003, 60, 225-226.	1.3	9
120	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
121	Neuropsychological Effects of Third Ventricle Tumor Surgery. <i>Neurosurgery</i> , 2003, 52, 791-798.	1.1	39
122	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
123	Optimizing Outcomes with Maximal Surgical Resection of Malignant Gliomas. <i>Cancer Control</i> , 2003, 10, 109-114.	1.8	72
124	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
125	Radical Resection of Glioblastoma. <i>Contemporary Neurosurgery</i> , 2002, 24, 1-5.	0.1	4
126	Management of Brain Metastases. <i>Neurosurgery Quarterly</i> , 2002, 12, 79-85.	0.1	3

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127	Necrosis and Glioblastoma: A Friend or a Foe? A Review and a Hypothesis. <i>Neurosurgery</i> , 2002, 51, 2-13.	1.1	195
128	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
129	Surgical resection of intrinsic insular tumors: complication avoidance. <i>Journal of Neurosurgery</i> , 2001, 95, 638-650.	1.6	193
130	Surgical Resection of Calvarial Metastases Overlying Dural Sinuses. <i>Neurosurgery</i> , 2001, 48, 745-755.	1.1	4
131	Surgical Resection of Calvarial Metastases Overlying Dural Sinuses. <i>Neurosurgery</i> , 2001, 48, 745-755.	1.1	30
132	Surgical management of brain metastases. <i>Current Oncology Reports</i> , 2001, 3, 476-483.	4.0	41
133	Limitations of stereotactic biopsy in the initial management of gliomas. <i>Neuro-Oncology</i> , 2001, 3, 193-200.	1.2	329
134	Practice parameters for the management of single brain metastasis. <i>Neurosurgical Focus</i> , 2000, 9, 1-9.	2.3	15
135	Stereotactic radiosurgery for brain metastases: Results and prognostic factors. <i>International Journal of Cancer</i> , 2000, 90, 157-162.	5.1	45
136	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
137	Antiangiogenesis – therapeutic strategies and clinical implications for brain tumors. , 2000, 50, 189-200.		73
138	Brain Metastasis: Steel Knife or Gamma Knife?. <i>Annals of Surgical Oncology</i> , 2000, 7, 323-324.	1.5	6
139	Surgical Management of Intracerebral Metastases. <i>Seminars in Neurosurgery</i> , 2000, 11, 0351-0364.	0.0	0
140	An implantable guide-screw system for brain tumor studies in small animals. <i>Journal of Neurosurgery</i> , 2000, 92, 326-333.	1.6	208
141	Basic surgical techniques in the resection of malignant gliomas. <i>Journal of Neuro-Oncology</i> , 1999, 42, 215-226.	2.9	35
142	Extent of resection in malignant gliomas: a critical summary. <i>Journal of Neuro-Oncology</i> , 1999, 42, 303-305.	2.9	82
143	Downregulation of the urokinase-type plasminogen activator receptor through inhibition of translation by antisense oligonucleotide suppresses invasion of human glioblastoma cells. <i>Clinical and Experimental Metastasis</i> , 1999, 17, 617-621.	3.3	18
144	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

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145	Volumetric measurement of brain tumors from MR imaging. <i>Journal of Neuro-Oncology</i> , 1998, 37, 87-93.	2.9	50
146	Expression and localization of urokinase-type plasminogen activator in human spinal column tumors. <i>Clinical and Experimental Metastasis</i> , 1998, 16, 713-719.	3.3	4
147	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
148	Surgical treatment of metastatic brain tumors. , 1998, 14, 53-63.		39
149	Elevated Levels of Mr92,000 Type IV Collagenase during Tumor Growth in Vivo. <i>Biochemical and Biophysical Research Communications</i> , 1998, 251, 632-636.	2.1	48
150	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
151	Metastatic brain tumors with dural extension. <i>Journal of Neurosurgery</i> , 1998, 89, 552-558.	1.6	29
152	Neurosurgical Outcomes in a Modern Series of 400 Craniotomies for Treatment of Parenchymal Tumors. <i>Neurosurgery</i> , 1998, 42, 1044-1055.	1.1	603
153	Management of Cerebral Metastases: The Role of Surgery. <i>Cancer Control</i> , 1998, 5, 124-129.	1.8	10
154	Visual Failure Caused by Suprasellar Extramedullary Hematopoiesis in Beta Thalassemia: Case Report. <i>Neurosurgery</i> , 1998, 42, 926-926.	1.1	0
155	In vitro inhibition of human glioblastoma cell line invasiveness by antisense uPA receptor. <i>Oncogene</i> , 1997, 14, 1351-1359.	5.9	98
156	Adenovirus-mediated p16/CDKN2 gene transfer suppresses glioma invasion in vitro. <i>Oncogene</i> , 1997, 15, 2049-2057.	5.9	94
157	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
158	Effect of cisplatin and BCNU on MMP-2 levels in human glioblastoma cell lines in vitro. <i>Clinical and Experimental Metastasis</i> , 1997, 15, 361-367.	3.3	17
159	Regulation of MMP-9 (92 kDa type IV collagenase/gelatinase B) expression in stromal cells of human giant cell tumor of bone. <i>Clinical and Experimental Metastasis</i> , 1997, 15, 400-409.	3.3	16
160	Cisplatin but not BCNU inhibits urokinase-type plasminogen activator levels in human glioblastoma cell lines in vitro. <i>Clinical and Experimental Metastasis</i> , 1997, 15, 447-452.	3.3	1
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