

Jeremy N Rich

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264
papers

33,655
citations

90
h-index

181
g-index

283
ext. papers

39,428
ext. citations

13
avg, IF

7.14
L-index

#	Paper	IF	Citations
264	Glioma stem cells promote radioresistance by preferential activation of the DNA damage response. <i>Nature</i> , 2006 , 444, 756-60	50.4	4706
263	Bevacizumab plus irinotecan in recurrent glioblastoma multiforme. <i>Journal of Clinical Oncology</i> , 2007 , 25, 4722-9	2.2	1119
262	Stem cell-like glioma cells promote tumor angiogenesis through vascular endothelial growth factor. <i>Cancer Research</i> , 2006 , 66, 7843-8	10.1	1069
261	Hypoxia-inducible factors regulate tumorigenic capacity of glioma stem cells. <i>Cancer Cell</i> , 2009 , 15, 501-11	11.3	1005
260	Phase II trial of bevacizumab and irinotecan in recurrent malignant glioma. <i>Clinical Cancer Research</i> , 2007 , 13, 1253-9	12.9	896
259	Cancer stem cells in glioblastoma. <i>Genes and Development</i> , 2015 , 29, 1203-17	12.6	851
258	The hypoxic microenvironment maintains glioblastoma stem cells and promotes reprogramming towards a cancer stem cell phenotype. <i>Cell Cycle</i> , 2009 , 8, 3274-84	4.7	613
257	Phase II trial of gefitinib in recurrent glioblastoma. <i>Journal of Clinical Oncology</i> , 2004 , 22, 133-42	2.2	607
256	Glioblastoma stem cells generate vascular pericytes to support vessel function and tumor growth. <i>Cell</i> , 2013 , 153, 139-52	56.2	572
255	Making a tumour bed: glioblastoma stem cells and the vascular niche. <i>Nature Reviews Cancer</i> , 2007 , 7, 733-6	31.3	558
254	Phosphorylation of EZH2 activates STAT3 signaling via STAT3 methylation and promotes tumorigenicity of glioblastoma stem-like cells. <i>Cancer Cell</i> , 2013 , 23, 839-52	24.3	506
253	Periostin secreted by glioblastoma stem cells recruits M2 tumour-associated macrophages and promotes malignant growth. <i>Nature Cell Biology</i> , 2015 , 17, 170-82	23.4	490
252	Integrin alpha 6 regulates glioblastoma stem cells. <i>Cell Stem Cell</i> , 2010 , 6, 421-32	18	484
251	Periostin potently promotes metastatic growth of colon cancer by augmenting cell survival via the Akt/PKB pathway. <i>Cancer Cell</i> , 2004 , 5, 329-39	24.3	429
250	Notch promotes radioresistance of glioma stem cells. <i>Stem Cells</i> , 2010 , 28, 17-28	5.8	415
249	HIF induces human embryonic stem cell markers in cancer cells. <i>Cancer Research</i> , 2011 , 71, 4640-52	10.1	390
248	Cancer stem cells in radiation resistance. <i>Cancer Research</i> , 2007 , 67, 8980-4	10.1	389

247	Distinct requirements for Ras oncogenesis in human versus mouse cells. <i>Genes and Development</i> , 2002 , 16, 2045-57	12.6	340
246	Targeting cancer stem cells through L1CAM suppresses glioma growth. <i>Cancer Research</i> , 2008 , 68, 6043-80.1	80.1	312
245	Brain tumor initiating cells adapt to restricted nutrition through preferential glucose uptake. <i>Nature Neuroscience</i> , 2013 , 16, 1373-82	25.5	306
244	Irinotecan therapy in adults with recurrent or progressive malignant glioma. <i>Journal of Clinical Oncology</i> , 1999 , 17, 1516-25	2.2	303
243	c-Myc is required for maintenance of glioma cancer stem cells. <i>PLoS ONE</i> , 2008 , 3, e3769	3.7	295
242	A Three-Dimensional Organoid Culture System Derived from Human Glioblastomas Recapitulates the Hypoxic Gradients and Cancer Stem Cell Heterogeneity of Tumors Found In Vivo. <i>Cancer Research</i> , 2016 , 76, 2465-77	10.1	291
241	Autocrine VEGF-VEGFR2-Neuropilin-1 signaling promotes glioma stem-like cell viability and tumor growth. <i>Journal of Experimental Medicine</i> , 2012 , 209, 507-20	16.6	290
240	Phase II study of imatinib mesylate plus hydroxyurea in adults with recurrent glioblastoma multiforme. <i>Journal of Clinical Oncology</i> , 2005 , 23, 9359-68	2.2	286
239	Challenges to curing primary brain tumours. <i>Nature Reviews Clinical Oncology</i> , 2019 , 16, 509-520	19.4	284
238	Gene expression profiling and genetic markers in glioblastoma survival. <i>Cancer Research</i> , 2005 , 65, 4051-80.1	80.1	263
237	High-Speed Coherent Raman Fingerprint Imaging of Biological Tissues. <i>Nature Photonics</i> , 2014 , 8, 627-634.9	34.9	260
236	Recent advances in the treatment of malignant astrocytoma. <i>Journal of Clinical Oncology</i> , 2006 , 24, 1253-65	365	258
235	Targeting interleukin 6 signaling suppresses glioma stem cell survival and tumor growth. <i>Stem Cells</i> , 2009 , 27, 2393-404	5.8	250
234	Molecularly targeted therapy for malignant glioma. <i>Cancer</i> , 2007 , 110, 13-24	6.4	245
233	Glioma stem cell proliferation and tumor growth are promoted by nitric oxide synthase-2. <i>Cell</i> , 2011 , 146, 53-66	56.2	240
232	Cancer Stem Cells: The Architects of the Tumor Ecosystem. <i>Cell Stem Cell</i> , 2019 , 24, 41-53	18	240
231	Adaptive Chromatin Remodeling Drives Glioblastoma Stem Cell Plasticity and Drug Tolerance. <i>Cell Stem Cell</i> , 2017 , 20, 233-246.e7	18	235
230	Phase II trial of temozolomide plus o6-benzylguanine in adults with recurrent, temozolomide-resistant malignant glioma. <i>Journal of Clinical Oncology</i> , 2009 , 27, 1262-7	2.2	226

229	Chemotherapy activates cancer-associated fibroblasts to maintain colorectal cancer-initiating cells by IL-17A. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2851-72	16.6	223
228	Mitochondrial control by DRP1 in brain tumor initiating cells. <i>Nature Neuroscience</i> , 2015 , 18, 501-10	25.5	222
227	Phase II trial of temozolomide in patients with progressive low-grade glioma. <i>Journal of Clinical Oncology</i> , 2003 , 21, 646-51	2.2	218
226	Phase II trial of murine (131I)-labeled antitenascin monoclonal antibody 81C6 administered into surgically created resection cavities of patients with newly diagnosed malignant gliomas. <i>Journal of Clinical Oncology</i> , 2002 , 20, 1389-97	2.2	206
225	Nonreceptor tyrosine kinase BMX maintains self-renewal and tumorigenic potential of glioblastoma stem cells by activating STAT3. <i>Cancer Cell</i> , 2011 , 19, 498-511	24.3	200
224	Progress report of a Phase I study of the intracerebral microinfusion of a recombinant chimeric protein composed of transforming growth factor (TGF)-alpha and a mutated form of the Pseudomonas exotoxin termed PE-38 (TP-38) for the treatment of malignant brain tumors. <i>Journal of Neuro-Oncology</i> , 2003 , 15, 27-35	4.8	198
223	Targeting glioma stem cells through combined BMI1 and EZH2 inhibition. <i>Nature Medicine</i> , 2017 , 23, 1352-1361	50.5	190
222	Development of novel targeted therapies in the treatment of malignant glioma. <i>Nature Reviews Drug Discovery</i> , 2004 , 3, 430-46	64.1	187
221	Deadly teamwork: neural cancer stem cells and the tumor microenvironment. <i>Cell Stem Cell</i> , 2011 , 8, 482-5	18	182
220	Brain cancer stem cells display preferential sensitivity to Akt inhibition. <i>Stem Cells</i> , 2008 , 26, 3027-36	5.8	180
219	Phase 1 trial of gefitinib plus sirolimus in adults with recurrent malignant glioma. <i>Clinical Cancer Research</i> , 2006 , 12, 860-8	12.9	173
218	Phase II trial of bevacizumab and erlotinib in patients with recurrent malignant glioma. <i>Neuro-Oncology</i> , 2010 , 12, 1300-10	1	171
217	Cancer stem cells: targeting the roots of cancer, seeds of metastasis, and sources of therapy resistance. <i>Cancer Research</i> , 2015 , 75, 924-9	10.1	169
216	Combination therapy of inhibitors of epidermal growth factor receptor/vascular endothelial growth factor receptor 2 (AEE788) and the mammalian target of rapamycin (RAD001) offers improved glioblastoma tumor growth inhibition. <i>Molecular Cancer Therapeutics</i> , 2005 , 4, 101-12	6.1	169
215	Salvage radioimmunotherapy with murine iodine-131-labeled antitenascin monoclonal antibody 81C6 for patients with recurrent primary and metastatic malignant brain tumors: phase II study results. <i>Journal of Clinical Oncology</i> , 2006 , 24, 115-22	2.2	165
214	Preferential Iron Trafficking Characterizes Glioblastoma Stem-like Cells. <i>Cancer Cell</i> , 2015 , 28, 441-455	24.3	160
213	Potential therapeutic implications of cancer stem cells in glioblastoma. <i>Biochemical Pharmacology</i> , 2010 , 80, 654-65	6	159
212	Phase II trial of carmustine plus O(6)-benzylguanine for patients with nitrosourea-resistant recurrent or progressive malignant glioma. <i>Journal of Clinical Oncology</i> , 2002 , 20, 2277-83	2.2	156

211	N-methyladenine DNA Modification in Glioblastoma. <i>Cell</i> , 2018 , 175, 1228-1243.e20	56.2	153
210	Bevacizumab plus irinotecan in recurrent WHO grade 3 malignant gliomas. <i>Clinical Cancer Research</i> , 2008 , 14, 7068-73	12.9	152
209	SB-431542, a small molecule transforming growth factor-beta-receptor antagonist, inhibits human glioma cell line proliferation and motility. <i>Molecular Cancer Therapeutics</i> , 2004 , 3, 737-45	6.1	149
208	Receptor channel TRPC6 is a key mediator of Notch-driven glioblastoma growth and invasiveness. <i>Cancer Research</i> , 2010 , 70, 418-27	10.1	143
207	Resistance to tyrosine kinase inhibition by mutant epidermal growth factor receptor variant III contributes to the neoplastic phenotype of glioblastoma multiforme. <i>Clinical Cancer Research</i> , 2004 , 10, 3216-24	12.9	137
206	Glioblastoma stem cells: lessons from the tumor hierarchy in a lethal cancer. <i>Genes and Development</i> , 2019 , 33, 591-609	12.6	135
205	Elevated invasive potential of glioblastoma stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 406, 643-8	3.4	135
204	Cancer Stem Cell-Secreted Macrophage Migration Inhibitory Factor Stimulates Myeloid Derived Suppressor Cell Function and Facilitates Glioblastoma Immune Evasion. <i>Stem Cells</i> , 2016 , 34, 2026-39	5.8	133
203	MET signaling regulates glioblastoma stem cells. <i>Cancer Research</i> , 2012 , 72, 3828-38	10.1	130
202	Cancer stem cell-specific scavenger receptor CD36 drives glioblastoma progression. <i>Stem Cells</i> , 2014 , 32, 1746-58	5.8	127
201	L1CAM regulates DNA damage checkpoint response of glioblastoma stem cells through NBS1. <i>EMBO Journal</i> , 2011 , 30, 800-13	13	127
200	Bone-related genes expressed in advanced malignancies induce invasion and metastasis in a genetically defined human cancer model. <i>Journal of Biological Chemistry</i> , 2003 , 278, 15951-7	5.4	121
199	Brain tumor stem cells: Molecular characteristics and their impact on therapy. <i>Molecular Aspects of Medicine</i> , 2014 , 39, 82-101	16.7	120
198	Deubiquitylase HAUSP stabilizes REST and promotes maintenance of neural progenitor cells. <i>Nature Cell Biology</i> , 2011 , 13, 142-52	23.4	118
197	Cancer stem cells: understanding tumor hierarchy and heterogeneity. <i>Medicine (United States)</i> , 2016 , 95, S2-S7	1.8	118
196	Laminin alpha 2 enables glioblastoma stem cell growth. <i>Annals of Neurology</i> , 2012 , 72, 766-78	9.4	117
195	Therapeutic targeting of ependymoma as informed by oncogenic enhancer profiling. <i>Nature</i> , 2018 , 553, 101-105	50.4	116
194	AMPK/FIS1-Mediated Mitophagy Is Required for Self-Renewal of Human AML Stem Cells. <i>Cell Stem Cell</i> , 2018 , 23, 86-100.e6	18	116

193	Chemotherapy and cancer stem cells. <i>Cell Stem Cell</i> , 2007 , 1, 353-5	18	115
192	Tumour-associated macrophages secrete pleiotrophin to promote PTPRZ1 signalling in glioblastoma stem cells for tumour growth. <i>Nature Communications</i> , 2017 , 8, 15080	17.4	114
191	Phase I trial of carmustine plus O6-benzylguanine for patients with recurrent or progressive malignant glioma. <i>Journal of Clinical Oncology</i> , 2000 , 18, 3522-8	2.2	111
190	Reciprocal Signaling between Glioblastoma Stem Cells and Differentiated Tumor Cells Promotes Malignant Progression. <i>Cell Stem Cell</i> , 2018 , 22, 514-528.e5	18	110
189	Cancer stem cells in gliomas: identifying and understanding the apex cell in cancer hierarchy. <i>Glia</i> , 2011 , 59, 1148-54	9	110
188	Phase II trial of irinotecan plus celecoxib in adults with recurrent malignant glioma. <i>Cancer</i> , 2005 , 103, 329-38	6.4	110
187	Zika virus has oncolytic activity against glioblastoma stem cells. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2843-2857	16.6	109
186	Transcription elongation factors represent in vivo cancer dependencies in glioblastoma. <i>Nature</i> , 2017 , 547, 355-359	50.4	109
185	New treatment strategies for malignant gliomas. <i>Expert Review of Anticancer Therapy</i> , 2006 , 6, 1087-1043.5	3.5	108
184	Biology of glioma cancer stem cells. <i>Molecules and Cells</i> , 2009 , 28, 7-12	3.5	106
183	Targeting Glioma Stem Cell-Derived Pericytes Disrupts the Blood-Tumor Barrier and Improves Chemotherapeutic Efficacy. <i>Cell Stem Cell</i> , 2017 , 21, 591-603.e4	18	105
182	Targeting A20 decreases glioma stem cell survival and tumor growth. <i>PLoS Biology</i> , 2010 , 8, e1000319	9.7	103
181	Direct in vivo evidence for tumor propagation by glioblastoma cancer stem cells. <i>PLoS ONE</i> , 2011 , 6, e24867	9.7	99
180	Glioma cancer stem cells secrete Gremlin1 to promote their maintenance within the tumor hierarchy. <i>Genes and Development</i> , 2014 , 28, 1085-100	12.6	98
179	Leptin deficiency suppresses MMTV-Wnt-1 mammary tumor growth in obese mice and abrogates tumor initiating cell survival. <i>Endocrine-Related Cancer</i> , 2011 , 18, 491-503	5.7	96
178	Purine synthesis promotes maintenance of brain tumor initiating cells in glioma. <i>Nature Neuroscience</i> , 2017 , 20, 661-673	25.5	93
177	Secreted protein acidic, rich in cysteine (SPARC), mediates cellular survival of gliomas through AKT activation. <i>Journal of Biological Chemistry</i> , 2004 , 279, 52200-9	5.4	92
176	Using a stem cell-based signature to guide therapeutic selection in cancer. <i>Cancer Research</i> , 2011 , 71, 1772-80	10.1	91

175	ZD6474, a novel tyrosine kinase inhibitor of vascular endothelial growth factor receptor and epidermal growth factor receptor, inhibits tumor growth of multiple nervous system tumors. <i>Clinical Cancer Research</i> , 2005 , 11, 8145-57	12.9	91
174	The mitotic kinesin KIF11 is a driver of invasion, proliferation, and self-renewal in glioblastoma. <i>Science Translational Medicine</i> , 2015 , 7, 304ra143	17.5	90
173	High-dose chemotherapy with autologous stem-cell rescue in children and adults with newly diagnosed pineoblastomas. <i>Journal of Clinical Oncology</i> , 2003 , 21, 2187-91	2.2	90
172	Transforming growth factor-beta-mediated p15(INK4B) induction and growth inhibition in astrocytes is SMAD3-dependent and a pathway prominently altered in human glioma cell lines. <i>Journal of Biological Chemistry</i> , 1999 , 274, 35053-8	5.4	90
171	miR-218 opposes a critical RTK-HIF pathway in mesenchymal glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 291-6	11.5	87
170	Phase II study of imatinib mesylate and hydroxyurea for recurrent grade III malignant gliomas. <i>Journal of Neuro-Oncology</i> , 2007 , 83, 53-60	4.8	87
169	Functional Enhancers Shape Extrachromosomal Oncogene Amplifications. <i>Cell</i> , 2019 , 179, 1330-1341.e136.2	36.2	87
168	Tumor cells upregulate normoxic HIF-1 α response to doxorubicin. <i>Cancer Research</i> , 2013 , 73, 6230-42	10.1	83
167	Designer therapies for glioblastoma multiforme. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1142, 108-32	6.5	83
166	Differential connexin function enhances self-renewal in glioblastoma. <i>Cell Reports</i> , 2015 , 11, 1031-42	10.6	80
165	Sema3C promotes the survival and tumorigenicity of glioma stem cells through Rac1 activation. <i>Cell Reports</i> , 2014 , 9, 1812-1826	10.6	79
164	A pilot study: 131I-antitennascin monoclonal antibody 81c6 to deliver a 44-Gy resection cavity boost. <i>Neuro-Oncology</i> , 2008 , 10, 182-9	1	79
163	Deubiquitinase USP13 maintains glioblastoma stem cells by antagonizing FBXL14-mediated Myc ubiquitination. <i>Journal of Experimental Medicine</i> , 2017 , 214, 245-267	16.6	78
162	EXTH-75. IMAGING GLIOBLASTOMA STEM CELLS WITH 7-AMINO ACID-LENGTH TUMOR-HOMING PEPTIDE IDENTIFIED BY PHAGE DISPLAY BIOPANNING. <i>Neuro-Oncology</i> , 2017 , 19, vi89-vi89	1	78
161	SC-32 * TARGETING PROLIFERATION AND INVASION IN GLIOBLASTOMA VIA MITOTIC KINESINS. <i>Neuro-Oncology</i> , 2014 , 16, v203-v204	1	78
160	GENE-32. ACTIVE CHROMATIN REGULATORY MAPS IDENTIFY CORE CELL STATE DRIVERS OF GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2017 , 19, vi99-vi99	1	78
159	SCDT-23. VISUALIZATION OF BRAIN TUMOR BY NEAR-INFRARED FLUORESCENCE IMAGING VIA TUMOR-TARGETING NOVEL PEPTIDE IDENTIFIED BY PHAGE DISPLAY. <i>Neuro-Oncology</i> , 2017 , 19, vi269-vi269	1	78
158	CBIO-15NON-METABOLIC FUNCTION OF PHOSPHOFRUCTOKINASE-1 IN GLIOBLASTOMA MAINTENANCE. <i>Neuro-Oncology</i> , 2015 , 17, v58.1-v58	1	78

157	SC-13ID1-CULLIN3 AXIS REGULATES STEM CELL SIGNALING IN GLIOMA. <i>Neuro-Oncology</i> , 2014 , 16, v199-v199	78
156	ETMM-08 METABOLIC REGULATION OF THE EPIGENOME DRIVES LETHAL INFANTILE EPENDYMOMA. <i>Neuro-Oncology Advances</i> , 2021 , 3, i15-i16	0.9 78
155	Turning cancer stem cells inside out: an exploration of glioma stem cell signaling pathways. <i>Journal of Biological Chemistry</i> , 2009 , 284, 16705-16709	5.4 76
154	Leptin receptor maintains cancer stem-like properties in triple negative breast cancer cells. <i>Endocrine-Related Cancer</i> , 2013 , 20, 797-808	5.7 75
153	Platelet-derived growth factor receptors differentially inform intertumoral and intratumoral heterogeneity. <i>Genes and Development</i> , 2012 , 26, 1247-62	12.6 75
152	Diagnosis and treatment of high-grade astrocytoma. <i>Neurologic Clinics</i> , 2007 , 25, 1111-39, x	4.5 74
151	Cancer stem cells: master gatekeepers and regulators of cancer growth and metastasis Introduction. <i>Medicine (United States)</i> , 2016 , 95, S1	1.8 73
150	Phase I trial of irinotecan plus temozolomide in adults with recurrent malignant glioma. <i>Cancer</i> , 2005 , 104, 1478-86	6.4 73
149	The RNA m6A Reader YTHDF2 Maintains Oncogene Expression and Is a Targetable Dependency in Glioblastoma Stem Cells. <i>Cancer Discovery</i> , 2021 , 11, 480-499	24.4 73
148	Chemokine CXCL12 in neurodegenerative diseases: an SOS signal for stem cell-based repair. <i>Trends in Neurosciences</i> , 2012 , 35, 619-28	13.3 72
147	Phase II study of metronomic chemotherapy with bevacizumab for recurrent glioblastoma after progression on bevacizumab therapy. <i>Journal of Neuro-Oncology</i> , 2011 , 103, 371-9	4.8 72
146	Glioblastoma Stem Cells: Driving Resilience through Chaos. <i>Trends in Cancer</i> , 2020 , 6, 223-235	12.5 71
145	β-Catenin/POU5F1/SOX2 transcription factor complex mediates IGF-I receptor signaling and predicts poor prognosis in lung adenocarcinoma. <i>Cancer Research</i> , 2013 , 73, 3181-9	10.1 71
144	Single-Cell Transcriptomics Uncovers Glial Progenitor Diversity and Cell Fate Determinants during Development and Gliomagenesis. <i>Cell Stem Cell</i> , 2019 , 24, 707-723.e8	18 68
143	Targeting Glioblastoma Stem Cells through Disruption of the Circadian Clock. <i>Cancer Discovery</i> , 2019 , 9, 1556-1573	24.4 67
142	Glioma stem cell maintenance: the role of the microenvironment. <i>Current Pharmaceutical Design</i> , 2011 , 17, 2386-401	3.3 67
141	Zika Virus Targets Glioblastoma Stem Cells through a SOX2-Integrin Axis. <i>Cell Stem Cell</i> , 2020 , 26, 187-204.e10	18 65
140	An epigenetic gateway to brain tumor cell identity. <i>Nature Neuroscience</i> , 2016 , 19, 10-9	25.5 65

139	Oncogene Amplification in Growth Factor Signaling Pathways Renders Cancers Dependent on Membrane Lipid Remodeling. <i>Cell Metabolism</i> , 2019 , 30, 525-538.e8	24.6	65
138	MYC-Regulated Mevalonate Metabolism Maintains Brain Tumor-Initiating Cells. <i>Cancer Research</i> , 2017 , 77, 4947-4960	10.1	65
137	MLL5 Orchestrates a Cancer Self-Renewal State by Repressing the Histone Variant H3.3 and Globally Reorganizing Chromatin. <i>Cancer Cell</i> , 2015 , 28, 715-729	24.3	64
136	Three-dimensional bioprinted glioblastoma microenvironments model cellular dependencies and immune interactions. <i>Cell Research</i> , 2020 , 30, 833-853	24.7	63
135	Ibrutinib inactivates BMX-STAT3 in glioma stem cells to impair malignant growth and radioresistance. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	62
134	Profilin-1 phosphorylation directs angiocrine expression and glioblastoma progression through HIF-1 β accumulation. <i>Nature Cell Biology</i> , 2014 , 16, 445-56	23.4	61
133	High-throughput flow cytometry screening reveals a role for junctional adhesion molecule a as a cancer stem cell maintenance factor. <i>Cell Reports</i> , 2014 , 6, 117-29	10.6	61
132	The evolving landscape of glioblastoma stem cells. <i>Current Opinion in Neurology</i> , 2013 , 26, 701-7	7.1	61
131	Glioma Stem Cell-Specific Superenhancer Promotes Polyunsaturated Fatty-Acid Synthesis to Support EGFR Signaling. <i>Cancer Discovery</i> , 2019 , 9, 1248-1267	24.4	60
130	Erythropoietin Receptor Signaling Through STAT3 Is Required For Glioma Stem Cell Maintenance. <i>Genes and Cancer</i> , 2010 , 1, 50-61	2.9	60
129	Twisted tango: brain tumor neurovascular interactions. <i>Nature Neuroscience</i> , 2011 , 14, 1375-81	25.5	59
128	Hyperthermia Sensitizes Glioma Stem-like Cells to Radiation by Inhibiting AKT Signaling. <i>Cancer Research</i> , 2015 , 75, 1760-9	10.1	58
127	Lineage-specific splicing of a brain-enriched alternative exon promotes glioblastoma progression. <i>Journal of Clinical Investigation</i> , 2014 , 124, 2861-76	15.9	58
126	Development of a Fluorescent Reporter System to Delineate Cancer Stem Cells in Triple-Negative Breast Cancer. <i>Stem Cells</i> , 2015 , 33, 2114-2125	5.8	53
125	A Randomized Trial of a Multifactorial Strategy to Prevent Serious Fall Injuries. <i>New England Journal of Medicine</i> , 2020 , 383, 129-140	59.2	51
124	Phase I study of sunitinib and irinotecan for patients with recurrent malignant glioma. <i>Journal of Neuro-Oncology</i> , 2011 , 105, 621-7	4.8	51
123	Nicotinamide metabolism regulates glioblastoma stem cell maintenance. <i>JCI Insight</i> , 2017 , 2,	9.9	51
122	Aptamer identification of brain tumor-initiating cells. <i>Cancer Research</i> , 2013 , 73, 4923-36	10.1	50

121	Phase II trial of Gliadel plus O6-benzylguanine in adults with recurrent glioblastoma multiforme. <i>Clinical Cancer Research</i> , 2009 , 15, 1064-8	12.9	50
120	Efficacy of high-dose chemotherapy or standard salvage therapy in patients with recurrent medulloblastoma. <i>Neuro-Oncology</i> , 2008 , 10, 745-51	1	50
119	AAL881, a novel small molecule inhibitor of RAF and vascular endothelial growth factor receptor activities, blocks the growth of malignant glioma. <i>Cancer Research</i> , 2006 , 66, 8722-30	10.1	47
118	Targeting pyrimidine synthesis accentuates molecular therapy response in glioblastoma stem cells. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	46
117	Pharmacological Targeting of the Histone Chaperone Complex FACT Preferentially Eliminates Glioblastoma Stem Cells and Prolongs Survival in Preclinical Models. <i>Cancer Research</i> , 2016 , 76, 2432-42	10.1	45
116	Chromatin landscapes reveal developmentally encoded transcriptional states that define human glioblastoma. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1071-1090	16.6	44
115	NDRG4 is required for cell cycle progression and survival in glioblastoma cells. <i>Journal of Biological Chemistry</i> , 2009 , 284, 25160-9	5.4	44
114	Transforming growth factor-beta signaling in cancer. <i>Microscopy Research and Technique</i> , 2001 , 52, 363-738		43
113	Tetraspanin CD9 stabilizes gp130 by preventing its ubiquitin-dependent lysosomal degradation to promote STAT3 activation in glioma stem cells. <i>Cell Death and Differentiation</i> , 2017 , 24, 167-180	12.7	42
112	Improving the radiosensitivity of radioresistant and hypoxic glioblastoma. <i>Future Oncology</i> , 2010 , 6, 1591-601	5.6	42
111	Glioblastoma on a microfluidic chip: Generating pseudopalisades and enhancing aggressiveness through blood vessel obstruction events. <i>Neuro-Oncology</i> , 2017 , 19, 503-513	1	40
110	Metabolic Regulation of the Epigenome Drives Lethal Infantile Ependymoma. <i>Cell</i> , 2020 , 181, 1329-1345	5.24	40
109	A C19MC-LIN28A-MYCN Oncogenic Circuit Driven by Hijacked Super-enhancers Is a Distinct Therapeutic Vulnerability in ETMRs: A Lethal Brain Tumor. <i>Cancer Cell</i> , 2019 , 36, 51-67.e7	24.3	39
108	Chromosomal Instability Affects the Tumorigenicity of Glioblastoma Tumor-Initiating Cells. <i>Cancer Discovery</i> , 2016 , 6, 532-45	24.4	38
107	The combination of novel low molecular weight inhibitors of RAF (LBT613) and target of rapamycin (RAD001) decreases glioma proliferation and invasion. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 2449-57	6.1	38
106	Mitochondrial NIX Promotes Tumor Survival in the Hypoxic Niche of Glioblastoma. <i>Cancer Research</i> , 2019 , 79, 5218-5232	10.1	36
105	Phase 1 trial of dasatinib plus erlotinib in adults with recurrent malignant glioma. <i>Journal of Neuro-Oncology</i> , 2012 , 108, 499-506	4.8	36
104	Antiangiogenic therapy in malignant glioma: promise and challenge. <i>Current Pharmaceutical Design</i> , 2007 , 13, 3545-58	3.3	36

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