

Peter Canoll

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5746289/publications.pdf>

Version: 2024-02-01

174
papers

10,336
citations

47006

47
h-index

40979

93
g-index

193
all docs

193
docs citations

193
times ranked

16127
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Insights into Cell Type-specific Roles in Alzheimer's Disease: Human Induced Pluripotent Stem Cell-based Disease Modelling. <i>Neuroscience</i> , 2023, 518, 10-26.	2.3	5
2	BOLD asynchrony elucidates tumor burden in IDH-mutated gliomas. <i>Neuro-Oncology</i> , 2022, 24, 78-87.	1.2	9
3	Targeting S100A9's ALDH1A1 Retinoic Acid Signaling to Suppress Brain Relapse in EGFR-Mutant Lung Cancer. <i>Cancer Discovery</i> , 2022, 12, 1002-1021.	9.4	22
4	Somatic variants in diverse genes leads to a spectrum of focal cortical malformations. <i>Brain</i> , 2022, 145, 2704-2720.	7.6	33
5	Adenocarcinoma Arising in a Yolk Sac Tumor of the Pineal Gland. <i>Journal of Neuropathology and Experimental Neurology</i> , 2022, 81, 291-295.	1.7	0
6	Molecular Biomarker Testing for the Diagnosis of Diffuse Gliomas. <i>Archives of Pathology and Laboratory Medicine</i> , 2022, 146, 547-574.	2.5	25
7	Clinical Characteristics, Outcomes, and Pathology Analysis in Patients With Dorsal Arachnoid Web. <i>Neurosurgery</i> , 2022, 90, 581-587.	1.1	4
8	Thoracic low grade glial neoplasm with concurrent H3 K27M and PTPN11 mutations. <i>Acta Neuropathologica Communications</i> , 2022, 10, 64.	5.2	1
9	Single unit analysis and wide-field imaging reveal alterations in excitatory and inhibitory neurons in glioma. <i>Brain</i> , 2022, 145, 3666-3680.	7.6	5
10	DIPG-45. Radiation induces a robust interferon response in Diffuse Midline Glioma (DMG), improving the potential for combination immunotherapy. <i>Neuro-Oncology</i> , 2022, 24, i28-i29.	1.2	0
11	DDEL-07. A Phase I study examining the feasibility of intermittent convection-enhanced delivery (CED) of MTX110 for the treatment of children with newly diagnosed diffuse midline gliomas (DMGs). <i>Neuro-Oncology</i> , 2022, 24, i35-i35.	1.2	3
12	Rapid, label-free detection of diffuse glioma recurrence using intraoperative stimulated Raman histology and deep neural networks. <i>Neuro-Oncology</i> , 2021, 23, 144-155.	1.2	25
13	Sex differences in health and disease: A review of biological sex differences relevant to cancer with a spotlight on glioma. <i>Cancer Letters</i> , 2021, 498, 178-187.	7.2	30
14	ETMM-04. AURKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA MODEL SYSTEMS. <i>Neuro-Oncology Advances</i> , 2021, 3, i15-i15.	0.7	0
15	Focused ultrasound mediated blood-brain barrier opening is safe and feasible in a murine pontine glioma model. <i>Scientific Reports</i> , 2021, 11, 6521.	3.3	41
16	ETMM-05. LACTIC ACID FACILITATES GLIOBLASTOMA GROWTH THROUGH MODULATION OF THE EPIGENOME. <i>Neuro-Oncology Advances</i> , 2021, 3, i15-i15.	0.7	0
17	Vascular-derived SPARC and SerpinE1 regulate interneuron tangential migration and accelerate functional maturation of human stem cell-derived interneurons. <i>ELife</i> , 2021, 10, .	6.0	8
18	COVID-19 neuropathology at Columbia University Irving Medical Center/New York Presbyterian Hospital. <i>Brain</i> , 2021, 144, 2696-2708.	7.6	254

#	ARTICLE	IF	CITATIONS
19	Extent of resection, molecular signature, and survival in 1p19q-codeleted gliomas. <i>Journal of Neurosurgery</i> , 2021, 134, 1357-1367.	1.6	31
20	Deconvolution of cell type-specific drug responses in human tumor tissue with single-cell RNA-seq. <i>Genome Medicine</i> , 2021, 13, 82.	8.2	43
21	Rationale and Clinical Implications of Fluorescein-Guided Supramarginal Resection in Newly Diagnosed High-Grade Glioma. <i>Frontiers in Oncology</i> , 2021, 11, 666734.	2.8	22
22	Asynchrony in Peritumoral Resting-State Blood Oxygen Levelâ€œDependent fMRI Predicts Meningioma Grade and Invasion. <i>American Journal of Neuroradiology</i> , 2021, 42, 1293-1298.	2.4	2
23	Single-cell characterization of macrophages in glioblastoma reveals MARCO as a mesenchymal pro-tumor marker. <i>Genome Medicine</i> , 2021, 13, 88.	8.2	57
24	HGG-40. FOCUSED ULTRASOUND ENHANCES ETOPOSIDE DELIVERY IN A MURINE PONTINE GLIOMA MODEL. <i>Neuro-Oncology</i> , 2021, 23, i25-i26.	1.2	0
25	TOP2B Enzymatic Activity on Promoters and Introns Modulates Multiple Oncogenes in Human Gliomas. <i>Clinical Cancer Research</i> , 2021, 27, 5669-5680.	7.0	4
26	Aurora kinase A inhibition reverses the Warburg effect and elicits unique metabolic vulnerabilities in glioblastoma. <i>Nature Communications</i> , 2021, 12, 5203.	12.8	38
27	Synchronous supratentorial and infratentorial oligodendrogliomas with incongruous IDH1 mutations, a case report. <i>Acta Neuropathologica Communications</i> , 2021, 9, 160.	5.2	1
28	Rosette-Forming Glioneuronal Tumor in the Pineal Region: A Series of 6 Cases and Literature Review. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 933-943.	1.7	7
29	Convection Enhanced Delivery of Topotecan for Gliomas: A Single-Center Experience. <i>Pharmaceutics</i> , 2021, 13, 39.	4.5	9
30	Targeting human leukocyte antigen G with chimeric antigen receptors of natural killer cells convert immunosuppression to ablate solid tumors. , 2021, 9, e003050.		36
31	Lentiviral-Induced Spinal Cord Gliomas in Rat Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12943.	4.1	3
32	Human Induced Pluripotent Stem Cell Models of Frontotemporal Dementia With Tau Pathology. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 766773.	3.7	4
33	ERK1/2 phosphorylation predicts survival following anti-PD-1 immunotherapy in recurrent glioblastoma. <i>Nature Cancer</i> , 2021, 2, 1372-1386.	13.2	39
34	Protein kinase CÎ¹ and SRC signaling define reciprocally related subgroups of glioblastoma with distinct therapeutic vulnerabilities. <i>Cell Reports</i> , 2021, 37, 110054.	6.4	6
35	91â€œ...Impact of ultra-fast â€œFLASHâ€œ™ radiotherapy on single cell immunogenomics in diffuse intrinsic pontine glioma (DIPG). , 2021, 9, A100-A100.		1
36	<i>SETD2</i> Mutation in an Aggressive Optic Nerve Glioma. <i>JAMA Ophthalmology</i> , 2020, 138, 102.	2.5	7

#	ARTICLE	IF	CITATIONS
37	MET Inhibition Elicits PGC1 α -Dependent Metabolic Reprogramming in Glioblastoma. <i>Cancer Research</i> , 2020, 80, 30-43.	0.9	35
38	Ex vivo multi-electrode analysis reveals spatiotemporal dynamics of ictal behavior at the infiltrated margin of glioma. <i>Neurobiology of Disease</i> , 2020, 134, 104676.	4.4	9
39	Near real-time intraoperative brain tumor diagnosis using stimulated Raman histology and deep neural networks. <i>Nature Medicine</i> , 2020, 26, 52-58.	30.7	413
40	Misclassification of Diffuse Gliomas Letter. <i>Clinical Cancer Research</i> , 2020, 26, 1198-1198.	7.0	8
41	Assessment of Prognostic Value of Cystic Features in Glioblastoma Relative to Sex and Treatment With Standard-of-Care. <i>Frontiers in Oncology</i> , 2020, 10, 580750.	2.8	11
42	Integrating single-cell RNA-seq and imaging with SCOPE-seq2. <i>Scientific Reports</i> , 2020, 10, 19482.	3.3	16
43	Myosin 10 Regulates Invasion, Mitosis, and Metabolic Signaling in Glioblastoma. <i>iScience</i> , 2020, 23, 101802.	4.1	14
44	Neuronophagia and microglial nodules in a SARS-CoV-2 patient with cerebellar hemorrhage. <i>Acta Neuropathologica Communications</i> , 2020, 8, 147.	5.2	104
45	CD8+ T-cell-Mediated Immunoediting Influences Genomic Evolution and Immune Evasion in Murine Gliomas. <i>Clinical Cancer Research</i> , 2020, 26, 4390-4401.	7.0	36
46	Sex-specific impact of patterns of imageable tumor growth on survival of primary glioblastoma patients. <i>BMC Cancer</i> , 2020, 20, 447.	2.6	20
47	Transferrin Receptor Is a Specific Ferroptosis Marker. <i>Cell Reports</i> , 2020, 30, 3411-3423.e7.	6.4	414
48	Lentiviral Vector Induced Modeling of High-Grade Spinal Cord Glioma in Minipigs. <i>Scientific Reports</i> , 2020, 10, 5291.	3.3	9
49	From cells to tissue: How cell scale heterogeneity impacts glioblastoma growth and treatment response. <i>PLoS Computational Biology</i> , 2020, 16, e1007672.	3.2	35
50	Glioma-Induced Alterations in Neuronal Activity and Neurovascular Coupling during Disease Progression. <i>Cell Reports</i> , 2020, 31, 107500.	6.4	61
51	HDAC inhibitors elicit metabolic reprogramming by targeting super-enhancers in glioblastoma models. <i>Journal of Clinical Investigation</i> , 2020, 130, 3699-3716.	8.2	104
52	Fluorescein-guided resection of gliomas. <i>Journal of Neurosurgical Sciences</i> , 2020, 63, 648-655.	0.6	9
53	DDEL-07. A PHASE I STUDY EXAMINING THE FEASIBILITY OF INTERMITTENT CONVECTION-ENHANCED DELIVERY (CED) OF MTX110 FOR THE TREATMENT OF CHILDREN WITH NEWLY DIAGNOSED DIFFUSE MIDLINE GLIOMAS. <i>Neuro-Oncology</i> , 2020, 22, iii284-iii285.	1.2	0
54	DDEL-13. FOCUSED ULTRASOUND MEDIATED BLOOD BRAIN BARRIER DISRUPTION IN A MURINE MODEL OF PONTINE GLIOMA: A SAFETY AND FEASIBILITY STUDY. <i>Neuro-Oncology</i> , 2020, 22, iii286-iii286.	1.2	0

#	ARTICLE	IF	CITATIONS
55	Novel Pineal Germinoma Model Demonstrates Sensitivity to MTOR Inhibition. , 2020, 81, .		0
56	CTNI-25. PHASE IB CLINICAL TRIAL OF CHRONIC CONVECTION-ENHANCED DELIVERY OF TOPOTECAN FOR RECURRENT GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii47-ii48.	1.2	0
57	TAMI-33. ALIRKA INHIBITION REPROGRAMS METABOLISM AND IS SYNTHETICALLY LETHAL WITH FATTY ACID OXIDATION INHIBITION IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020, 22, ii220-ii220.	1.2	0
58	EPCO-16. LACTIC ACID IS AN EPIGENETIC METABOLITE THAT DRIVES GLIOBLASTOMA SURVIVAL AND GROWTH. <i>Neuro-Oncology</i> , 2020, 22, ii72-ii72.	1.2	0
59	EPCO-07. LEVERAGING TRANSCRIPTOME SEQUENCING AND MATHEMATICAL MODELING TO INVESTIGATE GLIOBLASTOMA-MACROPHAGE INTERACTIONS. <i>Neuro-Oncology</i> , 2020, 22, ii70-ii70.	1.2	0
60	NIMG-67. DISAPPEARING DOTS â€” TRANSIENT LATE ENHANCING LESIONS YEARS AFTER BRAIN RADIOTHERAPY. <i>Neuro-Oncology</i> , 2020, 22, ii163-ii163.	1.2	0
61	Extent of resection and survival for oligodendroglioma: a U.S. population-based study. <i>Journal of Neuro-Oncology</i> , 2019, 144, 591-601.	2.9	45
62	Activation of <i>LXR</i> β inhibits tumor respiration and is synthetically lethal with <i>Bcl-2</i> inhibition. <i>EMBO Molecular Medicine</i> , 2019, 11, e10769.	6.9	32
63	Myosin IIA suppresses glioblastoma development in a mechanically sensitive manner. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15550-15559.	7.1	39
64	Sequencing and curation strategies for identifying candidate glioblastoma treatments. <i>BMC Medical Genomics</i> , 2019, 12, 56.	1.5	7
65	<i>De novo</i> gene signature identification from single-cell RNA-seq with hierarchical Poisson factorization. <i>Molecular Systems Biology</i> , 2019, 15, e8557.	7.2	78
66	Lesion Dynamics Under Varying Paracrine PDGF Signaling in Brain Tissue. <i>Bulletin of Mathematical Biology</i> , 2019, 81, 1645-1664.	1.9	6
67	Immune and genomic correlates of response to anti-PD-1 immunotherapy in glioblastoma. <i>Nature Medicine</i> , 2019, 25, 462-469.	30.7	569
68	ENvironmental Dynamics Underlying Responsive Extreme Survivors (ENDURES) of Glioblastoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019, 42, 655-661.	1.3	3
69	TMOD-14. RADIOGRAPHIC, STIMULATED RAMAN HISTOLOGIC, AND MULTIPLEXED RNA-SEQUENCING ANALYSIS OF POST-TREATMENT RECURRENT HIGH-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2019, 21, vi265-vi265.	1.2	0
70	Alterations in the Brain Microenvironment in Diffusely Infiltrating Low-Grade Glioma. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 27-34.	1.7	12
71	Comparative dynamics of microglial and glioma cell motility at the infiltrative margin of brain tumours. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170582.	3.4	21
72	Local Glioma Cells Are Associated with Vascular Dysregulation. <i>American Journal of Neuroradiology</i> , 2018, 39, 507-514.	2.4	16

#	ARTICLE	IF	CITATIONS
73	Extent of BOLD Vascular Dysregulation Is Greater in Diffuse Gliomas without Isocitrate Dehydrogenase 1 R132H Mutation. <i>Radiology</i> , 2018, 287, 965-972.	7.3	15
74	Clinical and molecular characteristics of gliosarcoma and modern prognostic significance relative to conventional glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 137, 303-311.	2.9	43
75	Sodium Fluorescein Facilitates Guided Sampling of Diagnostic Tumor Tissue in Nonenhancing Gliomas. <i>Neurosurgery</i> , 2018, 82, 719-727.	1.1	38
76	Simulating PDGF-Driven Glioma Growth and Invasion in an Anatomically Accurate Brain Domain. <i>Bulletin of Mathematical Biology</i> , 2018, 80, 1292-1309.	1.9	21
77	TMOD-37. IN VIVO SYNERGISTIC EFFECT OF CHECKPOINT BLOCKADE AND RADIATION THERAPY AGAINST CHORDOMAS IN A HUMANIZED MOUSE MODEL. <i>Neuro-Oncology</i> , 2018, 20, vi276-vi276.	1.2	1
78	NIMG-33. MULTICENTER, PROSPECTIVE VALIDATION OF AUTOMATED INTRAOPERATIVE NEUROPATHOLOGY USING STIMULATED RAMAN HISTOLOGY AND CONVOLUTIONAL NEURAL NETWORKS. <i>Neuro-Oncology</i> , 2018, 20, vi183-vi183.	1.2	0
79	PATH-12. CHARACTERISTICS OF GIANT CELL MORPHOLOGY IN LONG-TERM SURVIVORS OF GLIOBLASTOMA: CONSIDERATION OF SEX DIFFERENCES. <i>Neuro-Oncology</i> , 2018, 20, vi160-vi160.	1.2	2
80	NIMG-21. SEX DIFFERENCES IN EXTREME SURVIVORSHIP AMONG PRIMARY GLIOBLASTOMA PATIENTS. <i>Neuro-Oncology</i> , 2018, 20, vi180-vi180.	1.2	3
81	Intratumoral heterogeneity of endogenous tumor cell invasive behavior in human glioblastoma. <i>Scientific Reports</i> , 2018, 8, 18002.	3.3	29
82	Clinical Reasoning: Transient speech deficits in a patient with history of medulloblastoma. <i>Neurology</i> , 2018, 91, e1196-e1201.	1.1	7
83	Combined HDAC and Bromodomain Protein Inhibition Reprograms Tumor Cell Metabolism and Elicits Synthetic Lethality in Glioblastoma. <i>Clinical Cancer Research</i> , 2018, 24, 3941-3954.	7.0	35
84	Single-cell transcriptome analysis of lineage diversity in high-grade glioma. <i>Genome Medicine</i> , 2018, 10, 57.	8.2	162
85	Pineal region glioblastomas display features of diffuse midline and non-midline gliomas. <i>Journal of Neuro-Oncology</i> , 2018, 140, 63-73.	2.9	17
86	PRMT5-mediated regulation of developmental myelination. <i>Nature Communications</i> , 2018, 9, 2840.	12.8	73
87	Effect of therapeutic pressure on stability of EGFR amplification in glioblastoma.. <i>Journal of Clinical Oncology</i> , 2018, 36, 2033-2033.	1.6	5
88	Correlation of immune infiltration of cytotoxic T cells and activated microglia in glioblastoma (GBM) post anti-PD1 therapy with response.. <i>Journal of Clinical Oncology</i> , 2018, 36, 2055-2055.	1.6	0
89	The safety of resection for primary central nervous system lymphoma: a single institution retrospective analysis. <i>Journal of Neuro-Oncology</i> , 2017, 132, 189-197.	2.9	25
90	Biphasic Dependence of Glioma Survival and Cell Migration on CD44 Expression Level. <i>Cell Reports</i> , 2017, 18, 23-31.	6.4	81

#	ARTICLE	IF	CITATIONS
91	A Multiparametric Model for Mapping Cellularity in Glioblastoma Using Radiographically Localized Biopsies. <i>American Journal of Neuroradiology</i> , 2017, 38, 890-898.	2.4	90
92	Extent of Resection in Glioma—A Review of the Cutting Edge. <i>World Neurosurgery</i> , 2017, 103, 538-549.	1.3	134
93	Inhibition of Mitochondrial Matrix Chaperones and Antiapoptotic Bcl-2 Family Proteins Empower Antitumor Therapeutic Responses. <i>Cancer Research</i> , 2017, 77, 3513-3526.	0.9	56
94	Induction of synthetic lethality in IDH1-mutated gliomas through inhibition of Bcl-xL. <i>Nature Communications</i> , 2017, 8, 1067.	12.8	91
95	Quality Assessment of Stereotactic Radiosurgery of a Melanoma Brain Metastases Model Using a Mouselike Phantom and the Small Animal Radiation Research Platform. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 191-201.	0.8	11
96	Subependymomas Are Low-Grade Heterogeneous Glial Neoplasms Defined by Subventricular Zone Lineage Markers. <i>World Neurosurgery</i> , 2017, 107, 451-463.	1.3	28
97	Aggressive resection at the infiltrative margins of glioblastoma facilitated by intraoperative fluorescein guidance. <i>Journal of Neurosurgery</i> , 2017, 127, 111-122.	1.6	122
98	Inhibition of deubiquitinases primes glioblastoma cells to apoptosis <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 12791-12805.	1.8	35
99	NIMG-57. BOLD fMRI REFLECTS THE LOCAL PRESENCE OF GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2016, 18, vi137-vi137.	1.2	0
100	Quantitative Phosphoproteomics Reveals Wee1 Kinase as a Therapeutic Target in a Model of Proneural Glioblastoma. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1332-1343.	4.1	14
101	Olig2-Dependent Reciprocal Shift in PDGF and EGF Receptor Signaling Regulates Tumor Phenotype and Mitotic Growth in Malignant Glioma. <i>Cancer Cell</i> , 2016, 29, 669-683.	16.8	98
102	A Synthetic Cell-Penetrating Dominant-Negative ATF5 Peptide Exerts Anticancer Activity against a Broad Spectrum of Treatment-Resistant Cancers. <i>Clinical Cancer Research</i> , 2016, 22, 4698-4711.	7.0	63
103	Ligation-free ribosome profiling of cell type-specific translation in the brain. <i>Genome Biology</i> , 2016, 17, 149.	8.8	54
104	Diversity and divergence of the glioma-infiltrating T-cell receptor repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3529-37.	7.1	103
105	Quantitative Phosphoproteomics Reveals Wee1 Kinase as a Therapeutic Target in a Model of Proneural Glioblastoma. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1332-1343.	4.1	34
106	Glioblastoma Induces Vascular Dysregulation in Nonenhancing Peritumoral Regions in Humans. <i>American Journal of Roentgenology</i> , 2016, 206, 1073-1081.	2.2	30
107	Metabolic reprogramming of glioblastoma cells by L-asparaginase sensitizes for apoptosis <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 33512-33528.	1.8	47
108	TIC10/ONC201 synergizes with Bcl-2/Bcl-xL inhibition in glioblastoma by suppression of Mcl-1 and its binding partners <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 36456-36471.	1.8	57

#	ARTICLE	IF	CITATIONS
109	<i>EGFR</i> promoter exhibits dynamic histone modifications and binding of ASH2L and P300 in human germinal matrix and gliomas. <i>Epigenetics</i> , 2015, 10, 496-507.	2.7	15
110	Biomarkers for glioma immunotherapy: the next generation. <i>Journal of Neuro-Oncology</i> , 2015, 123, 359-372.	2.9	23
111	Convection-enhanced delivery for glioblastoma: targeted delivery of antitumor therapeutics. <i>CNS Oncology</i> , 2015, 4, 225-234.	3.0	24
112	Unique microenvironmental responses to PDGF stimulation in brain and spinal cord gliomas determine tumor phenotype. <i>Journal of Neuro-Oncology</i> , 2015, 123, 27-33.	2.9	7
113	Development of Resistance to EGFR-Targeted Therapy in Malignant Glioma Can Occur through EGFR-Dependent and -Independent Mechanisms. <i>Cancer Research</i> , 2015, 75, 2109-2119.	0.9	33
114	The mitotic kinesin KIF11 is a driver of invasion, proliferation, and self-renewal in glioblastoma. <i>Science Translational Medicine</i> , 2015, 7, 304ra143.	12.4	130
115	The use of fluorescein sodium in the biopsy and gross-total resection of a tectal plate glioma. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 732-735.	1.3	12
116	Combined inhibition of Bcl-2/Bcl-xL and Usp9X/Bag3 overcomes apoptotic resistance in glioblastoma <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2015, 6, 14507-14521.	1.8	45
117	Genome-Wide Methylation Analyses in Glioblastoma Multiforme. <i>PLoS ONE</i> , 2014, 9, e89376.	2.5	45
118	Patient-Specific Metrics of Invasiveness Reveal Significant Prognostic Benefit of Resection in a Predictable Subset of Gliomas. <i>PLoS ONE</i> , 2014, 9, e99057.	2.5	89
119	Ribosome Profiling Reveals a Cell-Type-Specific Translational Landscape in Brain Tumors. <i>Journal of Neuroscience</i> , 2014, 34, 10924-10936.	3.6	109
120	E2F1 Coregulates Cell Cycle Genes and Chromatin Components during the Transition of Oligodendrocyte Progenitors from Proliferation to Differentiation. <i>Journal of Neuroscience</i> , 2014, 34, 1481-1493.	3.6	64
121	Convection-enhanced delivery of etoposide is effective against murine proneural glioblastoma. <i>Neuro-Oncology</i> , 2014, 16, 1210-1219.	1.2	34
122	Direct, intraoperative observation of ~ 0.1 Hz hemodynamic oscillations in awake human cortex: Implications for fMRI. <i>NeuroImage</i> , 2014, 87, 323-331.	4.2	80
123	Advances in genetic and epigenetic analyses of gliomas: a neuropathological perspective. <i>Journal of Neuro-Oncology</i> , 2014, 119, 481-490.	2.9	20
124	MRI-localized biopsies reveal subtype-specific differences in molecular and cellular composition at the margins of glioblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12550-12555.	7.1	224
125	The Transcriptional Regulatory Network of Proneural Glioma Determines the Genetic Alterations Selected during Tumor Progression. <i>Cancer Research</i> , 2014, 74, 1440-1451.	0.9	48
126	Zfx Facilitates Tumorigenesis Caused by Activation of the Hedgehog Pathway. <i>Cancer Research</i> , 2014, 74, 5914-5924.	0.9	25

#	ARTICLE	IF	CITATIONS
127	Invasion and proliferation kinetics in enhancing gliomas predict IDH1 mutation status. <i>Neuro-Oncology</i> , 2014, 16, 779-786.	1.2	77
128	PARP Inhibition Restores Extrinsic Apoptotic Sensitivity in Glioblastoma. <i>PLoS ONE</i> , 2014, 9, e114583.	2.5	38
129	Murine cell line model of proneural glioma for evaluation of anti-tumor therapies. <i>Journal of Neuro-Oncology</i> , 2013, 112, 375-382.	2.9	36
130	The integrated landscape of driver genomic alterations in glioblastoma. <i>Nature Genetics</i> , 2013, 45, 1141-1149.	21.4	524
131	Synthesis and in vitro evaluation of [18F]BMS-754807: A potential PET ligand for IGF-1R. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4191-4194.	2.2	13
132	MicroRNA-21 silencing enhances the cytotoxic effect of the antiangiogenic drug sunitinib in glioblastoma. <i>Human Molecular Genetics</i> , 2013, 22, 904-918.	2.9	79
133	A Secreted PTEN Phosphatase That Enters Cells to Alter Signaling and Survival. <i>Science</i> , 2013, 341, 399-402.	12.6	270
134	Convection-enhanced delivery of topotecan into diffuse intrinsic brainstem tumors in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 11, 289-295.	1.3	80
135	Gefitinib selectively inhibits tumor cell migration in EGFR-amplified human glioblastoma. <i>Neuro-Oncology</i> , 2013, 15, 1048-1057.	1.2	40
136	Inhibition of Caveolin-1 Restores Myeloid Cell Function in Human Glioblastoma. <i>PLoS ONE</i> , 2013, 8, e77397.	2.5	8
137	Glial progenitor cell recruitment drives aggressive glioma growth: mathematical and experimental modelling. <i>Journal of the Royal Society Interface</i> , 2012, 9, 1757-1766.	3.4	30
138	Retroviral Delivery of Platelet-Derived Growth Factor to Spinal Cord Progenitor Cells Drives the Formation of Intramedullary Gliomas. <i>Neurosurgery</i> , 2012, 70, 198-204.	1.1	10
139	The addition of Sunitinib to radiation delays tumor growth in a murine model of glioblastoma. <i>Neurological Research</i> , 2012, 34, 252-261.	1.3	19
140	PDGF-B-mediated downregulation of miR-21: new insights into PDGF signaling in glioblastoma. <i>Human Molecular Genetics</i> , 2012, 21, 5118-5130.	2.9	24
141	Cancer-testis and melanocyte-differentiation antigen expression in malignant glioma and meningioma. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1016-1021.	1.5	24
142	A novel adenoviral vector labeled with superparamagnetic iron oxide nanoparticles for real-time tracking of viral delivery. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 875-880.	1.5	32
143	Synthesis and in vitro evaluation of [18F](R)-FEPAQ: A potential PET ligand for VEGFR2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5104-5107.	2.2	9
144	The cellular origin for malignant glioma and prospects for clinical advancements. <i>Expert Review of Molecular Diagnostics</i> , 2012, 12, 383-394.	3.1	161

#	ARTICLE	IF	CITATIONS
145	Medulloblasoma: challenges for effective immunotherapy. <i>Journal of Neuro-Oncology</i> , 2012, 108, 1-10.	2.9	26
146	Platelet-derived growth factor receptor (PDGFR) expression in primary spinal cord gliomas. <i>Journal of Neuro-Oncology</i> , 2012, 106, 235-242.	2.9	6
147	A Multi-Cancer Mesenchymal Transition Gene Expression Signature Is Associated with Prolonged Time to Recurrence in Glioblastoma. <i>PLoS ONE</i> , 2012, 7, e34705.	2.5	106
148	Regression of Recurrent Malignant Gliomas With Convection-Enhanced Delivery of Topotecan. <i>Neurosurgery</i> , 2011, 69, 1272-1280.	1.1	133
149	Persistent roles of signal transduction of platelet-derived growth factor B in genesis, growth, and anaplastic transformation of gliomas in an in-vivo serial transplantation model. <i>Brain Tumor Pathology</i> , 2011, 28, 33-42.	1.7	5
150	Convection-Enhanced Delivery of Topotecan into a PDGF-Driven Model of Glioblastoma Prolongs Survival and Ablates Both Tumor-Initiating Cells and Recruited Glial Progenitors. <i>Cancer Research</i> , 2011, 71, 3963-3971.	0.9	38
151	MADM gives new insights into gliomagenesis. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 273-275.	3.3	2
152	Prolonged intracerebral convection-enhanced delivery of topotecan with a subcutaneously implantable infusion pump. <i>Neuro-Oncology</i> , 2011, 13, 886-893.	1.2	56
153	Production of 2-hydroxyglutarate by isocitrate dehydrogenase 1-mutated gliomas: an evolutionary alternative to the Warburg shift?. <i>Neuro-Oncology</i> , 2011, 13, 1262-1264.	1.2	6
154	Glioblastoma Models Reveal the Connection between Adult Glial Progenitors and the Proneural Phenotype. <i>PLoS ONE</i> , 2011, 6, e20041.	2.5	129
155	Magnetic Resonance Imaging Characteristics of Glioblastoma Multiforme: Implications for Understanding Glioma Ontogeny. <i>Neurosurgery</i> , 2010, 67, 1319-1328.	1.1	58
156	A review of malignant meningiomas: diagnosis, characteristics, and treatment. <i>Journal of Neuro-Oncology</i> , 2010, 99, 433-443.	2.9	98
157	Glial progenitors in the brainstem give rise to malignant gliomas by platelet-derived growth factor stimulation. <i>Glia</i> , 2010, 58, 1050-1065.	4.9	44
158	HnRNP proteins controlled by c-Myc deregulate pyruvate kinase mRNA splicing in cancer. <i>Nature</i> , 2010, 463, 364-368.	27.8	962
159	Rapid recurrence and malignant transformation of pilocytic astrocytoma in adult patients. <i>Journal of Neuro-Oncology</i> , 2009, 95, 377-382.	2.9	68
160	THE SURVIVAL IMPACT OF POSTOPERATIVE INFECTION IN PATIENTS WITH GLIOBLASTOMA MULTIFORME. <i>Neurosurgery</i> , 2009, 64, 828-835.	1.1	28
161	The interface between glial progenitors and gliomas. <i>Acta Neuropathologica</i> , 2008, 116, 465-477.	7.7	101
162	Constitutive EGFR Signaling in Oligodendrocyte Progenitors Leads to Diffuse Hyperplasia in Postnatal White Matter. <i>Journal of Neuroscience</i> , 2008, 28, 914-922.	3.6	86

#	ARTICLE	IF	CITATIONS
163	Preferential In Situ CD4+CD56+ T Cell Activation and Expansion within Human Glioblastoma. Journal of Immunology, 2008, 180, 7673-7680.	0.8	54
164	Intraorbital and intracranial soft-tissue glomus tumor in an 8-year-old child. Journal of Neurosurgery: Pediatrics, 2008, 1, 389-391.	1.3	7
165	IDENTIFICATION OF A2B5+CD133 ⁺ TUMOR-INITIATING CELLS IN ADULT HUMAN GLIOMAS. Neurosurgery, 2008, 62, 505-515.	1.1	366
166	Expression patterns of LIS1, dynein and their interaction partners dynactin, NudE, NudEL and NudC in human gliomas suggest roles in invasion and proliferation. Acta Neuropathologica, 2007, 113, 591-599.	7.7	42
167	Multifocal Hemorrhagic Vasculopathy: Possibly a Manifestation of Central Nervous System Vasculitis. Journal of Stroke and Cerebrovascular Diseases, 2006, 15, 43-47.	1.6	6
168	Transplanted glioma cells migrate and proliferate on host brain vasculature: A dynamic analysis. Glia, 2006, 53, 799-808.	4.9	295
169	Glial Progenitors in Adult White Matter Are Driven to Form Malignant Gliomas by Platelet-Derived Growth Factor-Expressing Retroviruses. Journal of Neuroscience, 2006, 26, 6781-6790.	3.6	267
170	Brain Tumor-Associated Dementia. Science of Aging Knowledge Environment: SAGE KE, 2005, 2005, dn2-dn2.	0.8	5
171	Cytochrome c Oxidase Deficiency Due to a Novel SCO2 Mutation Mimics Werdnig-Hoffmann Disease. Archives of Neurology, 2002, 59, 862-5.	4.5	95
172	Expression of Rat Cathepsin S in Phagocytic Cells. Journal of Biological Chemistry, 1996, 271, 4403-4409.	3.4	139
173	1020 Using pre-treatment PSA and gleason score to predict for extra capsular extension among patients with clinically staged organ confined prostate cancer. International Journal of Radiation Oncology Biology Physics, 1995, 32, 232-233.	0.8	3
174	Pineal region ganglioglioma: A neoplasm with a bimodal age distribution. , 0, 13, 245.		0