

Brett William Stringer

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,167
citations

257450

24
h-index

233421

45
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57
all docs

57
docs citations

57
times ranked

4433
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain tumor initiating cells adapt to restricted nutrition through preferential glucose uptake. <i>Nature Neuroscience</i> , 2013, 16, 1373-1382.	14.8	408
2	EphA3 Maintains Tumorigenicity and Is a Therapeutic Target in Glioblastoma Multiforme. <i>Cancer Cell</i> , 2013, 23, 238-248.	16.8	193
3	A reference collection of patient-derived cell line and xenograft models of proneural, classical and mesenchymal glioblastoma. <i>Scientific Reports</i> , 2019, 9, 4902.	3.3	127
4	A Metabolic Shift Favoring Sphingosine 1-Phosphate at the Expense of Ceramide Controls Glioblastoma Angiogenesis. <i>Journal of Biological Chemistry</i> , 2013, 288, 37355-37364.	3.4	90
5	Extracellular Vesicles Released by Glioblastoma Cells Stimulate Normal Astrocytes to Acquire a Tumor-Supportive Phenotype Via p53 and MYC Signaling Pathways. <i>Molecular Neurobiology</i> , 2019, 56, 4566-4581.	4.0	77
6	The Glycosylphosphatidylinositol-Anchored Serine Protease PRSS21 (Testisin) Imparts Murine Epididymal Sperm Cell Maturation and Fertilizing Ability. <i>Biology of Reproduction</i> , 2009, 81, 921-932.	2.7	76
7	NFIB-Mediated Repression of the Epigenetic Factor <i>Ezh2</i> Regulates Cortical Development. <i>Journal of Neuroscience</i> , 2014, 34, 2921-2930.	3.6	70
8	Differential response of patient-derived primary glioblastoma cells to environmental stiffness. <i>Scientific Reports</i> , 2016, 6, 23353.	3.3	68
9	Inhibition of Retinoblastoma Protein Degradation by Interaction with the Serpin Plasminogen Activator Inhibitor 2 via a Novel Consensus Motif. <i>Molecular and Cellular Biology</i> , 2003, 23, 6520-6532.	2.3	64
10	Eph receptors as therapeutic targets in glioblastoma. <i>British Journal of Cancer</i> , 2014, 111, 1255-1261.	6.4	62
11	Increased sensitivity to ionizing radiation by targeting the homologous recombination pathway in glioma initiating cells. <i>Molecular Oncology</i> , 2014, 8, 1603-1615.	4.6	61
12	Neurosphere and adherent culture conditions are equivalent for malignant glioma stem cell lines. <i>Anatomy and Cell Biology</i> , 2015, 48, 25.	1.0	49
13	Glioma Surgical Aspirate: A Viable Source of Tumor Tissue for Experimental Research. <i>Cancers</i> , 2013, 5, 357-371.	3.7	48
14	The effect of valproic acid in combination with irradiation and temozolomide on primary human glioblastoma cells. <i>Journal of Neuro-Oncology</i> , 2015, 122, 263-271.	2.9	44
15	A unique ¹⁹ F MRI agent for the tracking of non phagocytic cells <i>in vivo</i> . <i>Nanoscale</i> , 2018, 10, 8226-8239.	5.6	42
16	Structural Optimization and Pharmacological Evaluation of Inhibitors Targeting Dual-Specificity Tyrosine Phosphorylation-Regulated Kinases (DYRK) and CDC-like kinases (CLK) in Glioblastoma. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2052-2070.	6.4	41
17	Intratumoural Heterogeneity Underlies Distinct Therapy Responses and Treatment Resistance in Glioblastoma. <i>Cancers</i> , 2019, 11, 190.	3.7	39
18	Using the apparent diffusion coefficient to identifying MGMT promoter methylation status early in glioblastoma: importance of analytical method. <i>Journal of Medical Radiation Sciences</i> , 2015, 62, 92-98.	1.5	35

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19	Nuclear factor one B (<i>NFIB</i>) encodes a subtype-specific tumour suppressor in glioblastoma. <i>Oncotarget</i> , 2016, 7, 29306-29320.	1.8	34
20	ELK4 neutralization sensitizes glioblastoma to apoptosis through downregulation of the anti-apoptotic protein Mcl-1. <i>Neuro-Oncology</i> , 2011, 13, 1202-1212.	1.2	32
21	Anti-GD2-ch14.18/CHO coated nanoparticles mediate glioblastoma (GBM)-specific delivery of the aromatase inhibitor, Letrozole, reducing proliferation, migration and chemoresistance in patient-derived GBM tumor cells. <i>Oncotarget</i> , 2017, 8, 16605-16620.	1.8	30
22	EphA3 as a target for antibody immunotherapy in acute lymphoblastic leukemia. <i>Leukemia</i> , 2017, 31, 1779-1787.	7.2	29
23	Development and Biological Evaluation of a Photoactivatable Small Molecule Microtubule-Targeting Agent. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 395-400.	2.8	28
24	The tumor suppressor microRNA, miR-124a, is regulated by epigenetic silencing and by the transcriptional factor, REST in glioblastoma. <i>Tumor Biology</i> , 2014, 35, 1459-1465.	1.8	26
25	EphA3 Pay-Loaded Antibody Therapeutics for the Treatment of Glioblastoma. <i>Cancers</i> , 2018, 10, 519.	3.7	25
26	EphA2 as a Diagnostic Imaging Target in Glioblastoma: A Positron Emission Tomography/Magnetic Resonance Imaging Study. <i>Molecular Imaging</i> , 2015, 14, 7290.2015.00008.	1.4	24
27	Cytoplasmic dynein regulates the subcellular localization of sphingosine kinase 2 to elicit tumor-suppressive functions in glioblastoma. <i>Oncogene</i> , 2019, 38, 1151-1165.	5.9	21
28	Ephrin expression and function in cancer. <i>Future Oncology</i> , 2010, 6, 165-176.	2.4	19
29	The dystroglycan receptor maintains glioma stem cells in the vascular niche. <i>Acta Neuropathologica</i> , 2019, 138, 1033-1052.	7.7	19
30	Transcription factors NFIA and NFIB induce cellular differentiation in high-grade astrocytoma. <i>Journal of Neuro-Oncology</i> , 2020, 146, 41-53.	2.9	18
31	Southwestern blot mapping of potential regulatory proteins binding to the DNA encoding plasminogen activator inhibitor type 2. <i>Gene</i> , 1993, 134, 201-208.	2.2	17
32	Patient-derived glioblastoma cells show significant heterogeneity in treatment responses to the inhibitor-of-apoptosis-protein antagonist birinapant. <i>British Journal of Cancer</i> , 2016, 114, 188-198.	6.4	16
33	The Transcription Factor C/EBP- β Mediates Constitutive and LPS-Inducible Transcription of Murine SerpinB2. <i>PLoS ONE</i> , 2013, 8, e57855.	2.5	16
34	Pharmacology of novel small-molecule tubulin inhibitors in glioblastoma cells with enhanced EGFR signalling. <i>Biochemical Pharmacology</i> , 2015, 98, 587-601.	4.4	15
35	Dianthin-30 or gelonin versus monomethyl auristatin E, each configured with an anti-calcitonin receptor antibody, are differentially potent in vitro in high-grade glioma cell lines derived from glioblastoma. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 1217-1228.	4.2	15
36	Expression and activity of the calcitonin receptor family in a sample of primary human high-grade gliomas. <i>BMC Cancer</i> , 2019, 19, 157.	2.6	15

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37	Constitutive CHK1 Expression Drives a pSTAT3/CIP2A Circuit that Promotes Glioblastoma Cell Survival and Growth. <i>Molecular Cancer Research</i> , 2020, 18, 709-722.	3.4	15
38	Lower Tubulin Expression in Glioblastoma Stem Cells Attenuates Efficacy of Microtubule-Targeting Agents. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 402-413.	4.9	14
39	Regulation of the Human Plasminogen Activator Inhibitor Type 2 Gene. <i>Journal of Biological Chemistry</i> , 2012, 287, 10579-10589.	3.4	13
40	Q-Cell Glioblastoma Resource: Proteomics Analysis Reveals Unique Cell-States Are Maintained in 3D Culture. <i>Cells</i> , 2020, 9, 267.	4.1	12
41	EphA2 as a Diagnostic Imaging Target in Glioblastoma: A Positron Emission Tomography/Magnetic Resonance Imaging Study. <i>Molecular Imaging</i> , 2015, 14, 385-99.	1.4	12
42	Novel dual-action prodrug triggers apoptosis in glioblastoma cells by releasing a glutathione quencher and lysine-specific histone demethylase 1A inhibitor. <i>Journal of Neurochemistry</i> , 2019, 149, 535-550.	3.9	11
43	Long-term adherence of human brain cells in vitro is enhanced by charged amine-based plasma polymer coatings. <i>Stem Cell Reports</i> , 2022, 17, 489-506.	4.8	11
44	Eph family co-expression patterns define unique clusters predictive of cancer phenotype. <i>Growth Factors</i> , 2014, 32, 254-264.	1.7	10
45	Tropomyosin Tpm 2.1 loss induces glioblastoma spreading in soft brain-like environments. <i>Journal of Neuro-Oncology</i> , 2019, 141, 303-313.	2.9	10
46	The Suitability of Glioblastoma Cell Lines as Models for Primary Glioblastoma Cell Metabolism. <i>Cancers</i> , 2020, 12, 3722.	3.7	10
47	Changes in cell morphology guide identification of tubulin as the off-target for protein kinase inhibitors. <i>Pharmacological Research</i> , 2018, 134, 166-178.	7.1	8
48	Simultaneous targeting of DNA replication and homologous recombination in glioblastoma with a polyether ionophore. <i>Neuro-Oncology</i> , 2019, 22, 216-228.	1.2	8
49	SRRM4 Expands the Repertoire of Circular RNAs by Regulating Microexon Inclusion. <i>Cells</i> , 2020, 9, 2488.	4.1	8
50	Targeting Orphan G Protein-Coupled Receptor 17 with T0 Ligand Impairs Glioblastoma Growth. <i>Cancers</i> , 2021, 13, 3773.	3.7	7
51	Neutralisation of adeno-associated virus transduction by human vitreous humour. <i>Gene Therapy</i> , 2021, 28, 242-255.	4.5	6
52	STAT3 Enhances Sensitivity of Glioblastoma to Drug-Induced Autophagy-Dependent Cell Death. <i>Cancers</i> , 2022, 14, 339.	3.7	6
53	MK2 Inhibition Induces p53-Dependent Senescence in Glioblastoma Cells. <i>Cancers</i> , 2020, 12, 654.	3.7	5
54	Transcriptomic Profiling of DNA Damage Response in Patient-Derived Glioblastoma Cells before and after Radiation and Temozolomide Treatment. <i>Cells</i> , 2022, 11, 1215.	4.1	5

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55	DNase I hypersensitive sites in the 5' flanking region of the human plasminogen activator inhibitor type 2 (PAI-2) gene are associated with basal and tumor necrosis factor-alpha-induced transcription in monocytes. FEBS Journal, 1998, 256, 550-559.	0.2	3