Ana Cv Decarvalho

List of Publications by Year
in descending order

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44	3,115	279701	434063
papers	citations	23 h-index	31 g-index

51	51	51	5991
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of initial tumor microenvironment on imaging phenotype. Cancer Treatment and Research Communications, 2021, 27, 100315.	0.7	2
2	Oncogenic extrachromosomal DNA functions as mobile enhancers to globally amplify chromosomal transcription. Cancer Cell, 2021, 39, 694-707.e7.	7.7	115
3	Homozygous MTAP deletion in primary human glioblastoma is not associated with elevation of methylthioadenosine. Nature Communications, 2021, 12, 4228.	5.8	21
4	Patient-derived glioblastoma cultures as a tool for small-molecule drug discovery. Oncotarget, 2020, 11, 443-451.	0.8	16
5	Clinical and research applications of a brain tumor tissue bank in the age of precision medicine. Personalized Medicine, 2019, 16, 145-156.	0.8	4
6	Discordant inheritance of chromosomal and extrachromosomal DNA elements contributes to dynamic disease evolution in glioblastoma. Nature Genetics, 2018, 50, 708-717.	9.4	212
7	Copper-Binding Small Molecule Induces Oxidative Stress and Cell-Cycle Arrest in Glioblastoma-Patient-Derived Cells. Cell Chemical Biology, 2018, 25, 585-594.e7.	2.5	59
8	MRI Monitoring of Cerebral Blood Flow after the Delivery of Nanocombretastatin across the Blood Brain Tumor Barrier. Journal of Nanomedicine & Nanotechnology, 2018, 09, .	1.1	6
9	Rare but Recurrent ROS1 Fusions Resulting From Chromosome 6q22 Microdeletions are Targetable Oncogenes in Glioma. Clinical Cancer Research, 2018, 24, 6471-6482.	3.2	42
10	Tumor Evolution of Glioma-Intrinsic Gene Expression Subtypes Associates with Immunological Changes in the Microenvironment. Cancer Cell, 2017, 32, 42-56.e6.	7.7	1,282
11	Optimization of Glioblastoma Mouse Orthotopic Xenograft Models for Translational Research. Comparative Medicine, 2017, 67, 300-314.	0.4	18
12	TMOD-36. GENE EXPRESSION ANALYSIS OF SHORT AND LONG SURVIVAL GROUPS OF GLIOBLASTOMA PATIENT-DERIVED ORTHOTOPIC XENOGRAFTS. Neuro-Oncology, 2016, 18, vi214-vi214.	0.6	0
13	CXCR4 increases in-vivo glioma perivascular invasion, and reduces radiation induced apoptosis: A genetic knockdown study. Oncotarget, 2016, 7, 83701-83719.	0.8	75
14	Abstract A08: Neurosphere culture captures the clinical and molecular diversity of glioblastoma tumors. , 2016, , .		0
15	High-Throughput Screening of Patient-Derived Cultures Reveals Potential for Precision Medicine in Glioblastoma. ACS Medicinal Chemistry Letters, 2015, 6, 948-952.	1.3	30
16	Abstract 3881:In vivoandin vitrocharacterization of genomic diversity and clonal evolution in glioblastoma. , 2015, , .		0
17	The Cyclin-like Protein Spy1 Regulates Growth and Division Characteristics of the CD133+ Population in Human Glioma. Cancer Cell, 2014, 25, 64-76.	7.7	35
18	The selective Aurora-A kinase inhibitor MLN8237 (alisertib) potently inhibits proliferation of glioblastoma neurosphere tumor stem-like cells and potentiates the effects of temozolomide and ionizing radiation. Cancer Chemotherapy and Pharmacology, 2014, 73, 983-90.	1.1	36

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19	Glioblastoma Cell Enrichment Is Critical for Analysis of Phosphorylated Drug Targets and Proteomicâ€“Genomic Correlations. Cancer Research, 2014, 74, 818-828.	0.4	44
20	Mechanisms of Glioma Formation: Iterative Perivascular Glioma Growth and Invasion Leads to Tumor Progression, VEGF-Independent Vascularization, and Resistance to Antiangiogenic Therapy. Neoplasia, 2014, 16, 543-561.	2.3	131
21	Sox2 Promotes Malignancy in Glioblastoma by Regulating Plasticity and Astrocytic Differentiation. Neoplasia, 2014, 16, 193-206.e25.	2.3	132
22	Optimization of High Grade Glioma Cell Culture from Surgical Specimens for Use in Clinically Relevant Animal Models and 3D Immunochemistry. Journal of Visualized Experiments, 2014, , e51088.	0.2	27
23	Abstract 3795: Cabozantinib affects multiple signaling pathways in glioblastoma and is effective in a subset of xenograft tumors. Cancer Research, 2014, 74, 3795-3795.	0.4	1
24	Abstract 3385: Sox2 is necessary for glioblastoma cell plasticity. , 2014, , .		0
25	Abstract 2061: Extended adjuvant temozolomide improves survival in a glioblastoma mouse model. , 2014, , .		0
26	Abstract 1213: Comparing protein pathway activation mapping portraits between gliobastoma patient-matched primary tumor, xenografts and neurospheres: implications for precision medicine. , 2014, , .		0
27	MicroRNA-137 is downregulated in glioblastoma and inhibits the stemness of glioma stem cells by targeting RTVP-1. Oncotarget, 2013, 4, 665-676.	0.8	181
28	Overview of Molecular Signal Transduction of Malignant Gliomas and Correlation with Responses to Targeted Therapy Recent advances in Molecular Characterization of Glioblastoma. Current Signal Transduction Therapy, 2013, 8, 3-13.	0.3	0
29	Abstract 4141: Tumor cell enrichment is critical for assessing cell signaling pathways in glioblastoma multiforme.. , 2013, , .		0
30	Development of a novel animal model to differentiate radiation necrosis from tumor recurrence. Journal of Neuro-Oncology, 2012, 108, 411-420.	1.4	26
31	Gliosarcoma Stem Cells: Glial and Mesenchymal Differentiation. , 2012, , 75-81.		0
32	Abstract 427: Sox2 modulation of cancer stem cell behavior in GBM. , 2012, , .		0
33	Abstract 4027: Regulation of p16INK4A and TGF-beta by DNA hydroxymethylation in glioblastoma multiforme. , 2012, , .		0
34	Abstract B55: Glioblastoma xenografts obtained from patient derived cancer stem cells preserve the heterogeneous response to targeted therapy. , 2011, , .		0
35	Gliosarcoma Stem Cells Undergo Glial and Mesenchymal Differentiation In Vivo. Stem Cells, 2010, 28, 181-190.	1.4	65
36	Heparanase expression of glioma in human and animal models. Journal of Neurosurgery, 2010, 113, 261-269.	0.9	25

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37	Abstract 4155: The small leucine-rich proteoglycan biglycan localizes to the nucleus of neoplastic cells in glioblastoma biopsies and tumor xenografts. , 2010, , .		0
38	Subclinical photodynamic therapy treatment modifies the brain microenvironment and promotes glioma growth. Glia, 2007, 55, 1053-1060.	2.5	17
39	SDF-1 and CXCR4 are up-regulated by VEGF and contribute to glioma cell invasion. Cancer Letters, 2006, 236, 39-45.	3.2	101
40	Low-dose photodynamic therapy increases endothelial cell proliferation and VEGF expression in nude mice brain. Lasers in Medical Science, 2005, 20, 74-79.	1.0	28
41	EphB2 induces proliferation and promotes a neuronal fate in adult subventricular neural precursor cells. Neuroscience Letters, 2005, 385, 204-209.	1.0	43
42	Developmental expression of the POU domain transcription factor Brn-3b (Pou4f2) in the lateral line and visual system of zebrafish. Developmental Dynamics, 2004, 229, 869-876.	0.8	34
43	Retina-Specific Expression of 5A11/Basigin-2, a Member of the Immunoglobulin Gene Superfamily. , 2003, 44, 4086.		60
44	Mutations in the Nucleotide Binding Domain 1 Signature Motif Region Rescue Processing and Functional Defects of Cystic Fibrosis Transmembrane Conductance Regulator Î”F508. Journal of Biological Chemistry, 2002, 277, 35896-35905.	1.6	97