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	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
2	Discordant inheritance of chromosomal and extrachromosomal DNA elements contributes to dynamic disease evolution in glioblastoma. Nature Genetics, 2018, 50, 708-717.	9.4	212
3	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
4	Sox2 Promotes Malignancy in Glioblastoma by Regulating Plasticity and Astrocytic Differentiation. Neoplasia, 2014, 16, 193-206.e25.	2.3	132
5	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
6	Oncogenic extrachromosomal DNA functions as mobile enhancers to globally amplify chromosomal transcription. Cancer Cell, 2021, 39, 694-707.e7.	7.7	115
7	SDF-1 and CXCR4 are up-regulated by VEGF and contribute to glioma cell invasion. Cancer Letters, 2006, 236, 39-45.	3.2	101
8	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
9	CXCR4 increases in-vivo glioma perivascular invasion, and reduces radiation induced apoptosis: A genetic knockdown study. Oncotarget, 2016, 7, 83701-83719.	0.8	75
10	Gliosarcoma Stem Cells Undergo Glial and Mesenchymal Differentiation In Vivo. Stem Cells, 2010, 28, 181-190.	1.4	65
11	Retina-Specific Expression of 5A11/Basigin-2, a Member of the Immunoglobulin Gene Superfamily. , 2003, 44, 4086.		60
12	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
13	Glioblastoma Cell Enrichment Is Critical for Analysis of Phosphorylated Drug Targets and Proteomicâ€“Genomic Correlations. Cancer Research, 2014, 74, 818-828.	0.4	44
14	EphB2 induces proliferation and promotes a neuronal fate in adult subventricular neural precursor cells. Neuroscience Letters, 2005, 385, 204-209.	1.0	43
15	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
16	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
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	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

#	Article	IF	Citations
19	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
20	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
21	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
22	Development of a novel animal model to differentiate radiation necrosis from tumor recurrence. Journal of Neuro-Oncology, 2012, 108, 411-420.	1.4	26
23	Heparanase expression of glioma in human and animal models. Journal of Neurosurgery, 2010, 113, 261-269.	0.9	25
24	Homozygous MTAP deletion in primary human glioblastoma is not associated with elevation of methylthioadenosine. Nature Communications, 2021, 12, 4228.	5.8	21
25	Optimization of Glioblastoma Mouse Orthotopic Xenograft Models for Translational Research. Comparative Medicine, 2017, 67, 300-314.	0.4	18
26	Subclinical photodynamic therapy treatment modifies the brain microenvironment and promotes glioma growth. Glia, 2007, 55, 1053-1060.	2.5	17
27	Patient-derived glioblastoma cultures as a tool for small-molecule drug discovery. Oncotarget, 2020, 11, 443-451.	0.8	16
28	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
29	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
30	The impact of initial tumor microenvironment on imaging phenotype. Cancer Treatment and Research Communications, 2021, 27, 100315.	0.7	2
31	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
32	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
33	Abstract 4155: The small leucine-rich proteoglycan biglycan localizes to the nucleus of neoplastic cells in glioblastoma biopsies and tumor xenografts. , 2010, , .		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: Glial and Mesenchymal Differentiation. , 2012, , 75-81.		0
36	Abstract 427: Sox2 modulation of cancer stem cell behavior in GBM. , 2012, , .		0

#	Article	IF	Citations
37	Abstract 4027: Regulation of p16INK4A and TGF-beta by DNA hydroxymethylation in glioblastoma multiforme. , 2012, , .		0
38	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
39	Abstract 4141: Tumor cell enrichment is critical for assessing cell signaling pathways in glioblastoma multiforme.. , 2013, , .		0
40	Abstract 3385: Sox2 is necessary for glioblastoma cell plasticity. , 2014, , .		0
41	Abstract 2061: Extended adjuvant temozolomide improves survival in a glioblastoma mouse model. , 2014, , .		0
42	Abstract 1213: Comparing protein pathway activation mapping portraits between gliobastoma patient-matched primary tumor, xenografts and neurospheres: implications for precision medicine. , 2014, , .		0
43	Abstract 3881:In vivoandin vitrocharacterization of genomic diversity and clonal evolution in glioblastoma. , 2015, , .		0
44	Abstract A08: Neurosphere culture captures the clinical and molecular diversity of glioblastoma tumors. , 2016, , .		0