

Lucia Ricci Vitiani

List of Publications by Year in descending order

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74
papers

9,608
citations

76326

40
h-index

76900

74
g-index

77
all docs

77
docs citations

77
times ranked

13903
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and expansion of human colon-cancer-initiating cells. <i>Nature</i> , 2007, 445, 111-115.	27.8	3,690
2	Tumour vascularization via endothelial differentiation of glioblastoma stem-like cells. <i>Nature</i> , 2010, 468, 824-828.	27.8	1,235
3	Chemotherapy resistance of glioblastoma stem cells. <i>Cell Death and Differentiation</i> , 2006, 13, 1238-1241.	11.2	578
4	Cancer Stem Cell Analysis and Clinical Outcome in Patients with Glioblastoma Multiforme. <i>Clinical Cancer Research</i> , 2008, 14, 8205-8212.	7.0	327
5	Bone Morphogenetic Protein 4 Induces Differentiation of Colorectal Cancer Stem Cells and Increases Their Response to Chemotherapy in Mice. <i>Gastroenterology</i> , 2011, 140, 297-309.e6.	1.3	202
6	Colon cancer stem cells. <i>Journal of Molecular Medicine</i> , 2009, 87, 1097-1104.	3.9	193
7	Analysis of the combined action of miR-143 and miR-145 on oncogenic pathways in colorectal cancer cells reveals a coordinate program of gene repression. <i>Oncogene</i> , 2013, 32, 4806-4813.	5.9	159
8	Control of target cell survival in thyroid autoimmunity by T helper cytokines via regulation of apoptotic proteins. <i>Nature Immunology</i> , 2000, 1, 483-488.	14.5	139
9	Endogenous activation of metabotropic glutamate receptors supports the proliferation and survival of neural progenitor cells. <i>Cell Death and Differentiation</i> , 2005, 12, 1124-1133.	11.2	124
10	Cannabidiol stimulates Δ -cannabinoid-dependent glial differentiation and inhibits glioma stem-like cells proliferation by inducing autophagy in a TRPV2-dependent manner. <i>International Journal of Cancer</i> , 2015, 137, 1855-1869.	5.1	123
11	Expression of EGFRvIII in Glioblastoma: Prognostic Significance Revisited. <i>Neoplasia</i> , 2011, 13, 1113-IN6.	5.3	115
12	Autocrine Production of Interleukin-4 and Interleukin-10 Is Required for Survival and Growth of Thyroid Cancer Cells. <i>Cancer Research</i> , 2006, 66, 1491-1499.	0.9	110
13	Absence of Caspase 8 and High Expression of PED Protect Primitive Neural Cells from Cell Death. <i>Journal of Experimental Medicine</i> , 2004, 200, 1257-1266.	8.5	101
14	TRPV2 channel negatively controls glioma cell proliferation and resistance to Fas-induced apoptosis in ERK-dependent manner. <i>Carcinogenesis</i> , 2010, 31, 794-803.	2.8	101
15	Targeting apoptosis pathways in cancer stem cells. <i>Cancer Letters</i> , 2013, 332, 374-382.	7.2	100
16	Mesenchymal differentiation of glioblastoma stem cells. <i>Cell Death and Differentiation</i> , 2008, 15, 1491-1498.	11.2	97
17	CD95 death-inducing signaling complex formation and internalization occur in lipid rafts of type I and type II cells. <i>European Journal of Immunology</i> , 2004, 34, 1930-1940.	2.9	95
18	Inhibition of DNA Methylation Sensitizes Glioblastoma for Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand-Mediated Destruction. <i>Cancer Research</i> , 2005, 65, 11469-11477.	0.9	81

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19	Expression of the stem cell marker CD133 in recurrent glioblastoma and its value for prognosis. <i>Cancer</i> , 2011, 117, 162-174.	4.1	80
20	Metabolic/Proteomic Signature Defines Two Glioblastoma Subtypes With Different Clinical Outcome. <i>Scientific Reports</i> , 2016, 6, 21557.	3.3	75
21	The transient receptor potential vanilloid cation channel impairs glioblastoma stem-like cell proliferation and promotes differentiation. <i>International Journal of Cancer</i> , 2012, 131, E1067-77.	5.1	71
22	ADAR1 is a new target of METTL3 and plays a pro-oncogenic role in glioblastoma by an editing-independent mechanism. <i>Genome Biology</i> , 2021, 22, 51.	8.8	71
23	Loss of pericentromeric DNA methylation pattern in human glioblastoma is associated with altered DNA methyltransferases expression and involves the stem cell compartment. <i>Oncogene</i> , 2008, 27, 358-365.	5.9	70
24	PHCCC, a Specific Enhancer of Type 4 Metabotropic Glutamate Receptors, Reduces Proliferation and Promotes Differentiation of Cerebellar Granule Cell Neuroprecursors. <i>Journal of Neuroscience</i> , 2004, 24, 10343-10352.	3.6	65
25	Colon cancer stem cells. <i>Gut</i> , 2007, 57, 538-548.	12.1	64
26	A BMP7 variant inhibits the tumorigenic potential of glioblastoma stem-like cells. <i>Cell Death and Differentiation</i> , 2012, 19, 1644-1654.	11.2	64
27	Pharmacological inhibition of poly(ADP-ribose) polymerase-1 modulates resistance of human glioblastoma stem cells to temozolomide. <i>BMC Cancer</i> , 2014, 14, 151.	2.6	64
28	Obesity hormone leptin induces growth and interferes with the cytotoxic effects of 5-fluorouracil in colorectal tumor stem cells. <i>Endocrine-Related Cancer</i> , 2010, 17, 823-833.	3.1	58
29	Combined PDK1 and CHK1 inhibition is required to kill glioblastoma stem-like cells in vitro and in vivo. <i>Cell Death and Disease</i> , 2014, 5, e1223-e1223.	6.3	57
30	PED Mediates AKT-Dependent Chemoresistance in Human Breast Cancer Cells. <i>Cancer Research</i> , 2005, 65, 6668-6675.	0.9	56
31	Proliferation State and Polo-Like Kinase1 Dependence of Tumorigenic Colon Cancer Cells. <i>Stem Cells</i> , 2012, 30, 1819-1830.	3.2	53
32	Type-3 metabotropic glutamate receptors regulate chemoresistance in glioma stem cells, and their levels are inversely related to survival in patients with malignant gliomas. <i>Cell Death and Differentiation</i> , 2013, 20, 396-407.	11.2	53
33	Cancer Stem Cell-Based Models of Colorectal Cancer Reveal Molecular Determinants of Therapy Resistance. <i>Stem Cells Translational Medicine</i> , 2016, 5, 511-523.	3.3	48
34	New models for cancer research: human cancer stem cell xenografts. <i>Current Opinion in Pharmacology</i> , 2010, 10, 380-384.	3.5	47
35	CPTH6, a Thiazole Derivative, Induces Histone Hypoacetylation and Apoptosis in Human Leukemia Cells. <i>Clinical Cancer Research</i> , 2012, 18, 475-486.	7.0	47
36	High nitric oxide production, secondary to inducible nitric oxide synthase expression, is essential for regulation of the tumour-initiating properties of colon cancer stem cells. <i>Journal of Pathology</i> , 2015, 236, 479-490.	4.5	47

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37	Elesclomol-induced increase of mitochondrial reactive oxygen species impairs glioblastoma stem-like cell survival and tumor growth. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 228.	8.6	45
38	Antimicrobial and antioxidant amphiphilic random copolymers to address medical device-centered infections. <i>Acta Biomaterialia</i> , 2015, 22, 131-140.	8.3	43
39	Therapeutic implications of colon cancer stem cells. <i>World Journal of Gastroenterology</i> , 2010, 16, 3871.	3.3	43
40	Epigenetic silencing of <i>Id4</i> identifies a glioblastoma subgroup with a better prognosis as a consequence of an inhibition of angiogenesis. <i>Cancer</i> , 2013, 119, 1004-1012.	4.1	42
41	Tumorigenic Potential of Olfactory Bulb-Derived Human Adult Neural Stem Cells Associates with Activation of TERT and NOTCH1. <i>PLoS ONE</i> , 2009, 4, e4434.	2.5	41
42	Type-3 metabotropic glutamate receptors negatively modulate bone morphogenetic protein receptor signaling and support the tumorigenic potential of glioma-initiating cells. <i>Neuropharmacology</i> , 2008, 55, 568-576.	4.1	40
43	Influence of local environment on the differentiation of neural stem cells engrafted onto the injured spinal cord. <i>Neurological Research</i> , 2006, 28, 488-492.	1.3	39
44	RYK promotes the stemness of glioblastoma cells via the WNT/ β -catenin pathway. <i>Oncotarget</i> , 2017, 8, 13476-13487.	1.8	38
45	The anti-vascular endothelial growth factor receptor-1 monoclonal antibody D16F7 inhibits invasiveness of human glioblastoma and glioblastoma stem cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 106.	8.6	36
46	MUC1 Oncoprotein Promotes Refractoriness to Chemotherapy in Thyroid Cancer Cells. <i>Cancer Research</i> , 2007, 67, 5522-5530.	0.9	33
47	Autoimmune B-cell lymphopenia after successful adoptive therapy with telomerase-specific T lymphocytes. <i>Blood</i> , 2010, 115, 1374-1384.	1.4	33
48	Thymosin β 4 targeting impairs tumorigenic activity of colon cancer stem cells. <i>FASEB Journal</i> , 2010, 24, 4291-4301.	0.5	33
49	Salinomycin Potentiates the Cytotoxic Effects of TRAIL on Glioblastoma Cell Lines. <i>PLoS ONE</i> , 2014, 9, e94438.	2.5	33
50	Inhibition of telomerase in the endothelial cells disrupts tumor angiogenesis in glioblastoma xenografts. <i>International Journal of Cancer</i> , 2008, 122, 1236-1242.	5.1	32
51	Type 5 phosphodiesterase regulates glioblastoma multiforme aggressiveness and clinical outcome. <i>Oncotarget</i> , 2017, 8, 13223-13239.	1.8	30
52	Downregulation of thymosin β 4 in neural progenitor grafts promotes spinal cord regeneration. <i>Journal of Cell Science</i> , 2009, 122, 4195-4207.	2.0	29
53	Fas-FasL in Hashimoto's thyroiditis. <i>Journal of Clinical Immunology</i> , 2001, 21, 19-23.	3.8	28
54	Potential of temozolomide antitumor effect by purine receptor ligands able to restrain the in vitro growth of human glioblastoma stem cells. <i>Purinergic Signalling</i> , 2015, 11, 331-346.	2.2	27

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55	¹ H NMR spectroscopy of glioblastoma stem-like cells identifies alpha-amino adipate as a marker of tumor aggressiveness. <i>NMR in Biomedicine</i> , 2015, 28, 317-326.	2.8	27
56	IFN- γ potentiates the direct and immune-mediated antitumor effects of epigenetic drugs on both metastatic and stem cells of colorectal cancer. <i>Oncotarget</i> , 2016, 7, 26361-26373.	1.8	25
57	mGLU3 metabotropic glutamate receptors modulate the differentiation of SVZ-derived neural stem cells towards the astrocytic lineage. <i>Glia</i> , 2010, 58, 813-822.	4.9	24
58	¹ H NMR detects different metabolic profiles in glioblastoma stem-like cells. <i>NMR in Biomedicine</i> , 2014, 27, 129-145.	2.8	24
59	Zika virus infection induces Mir34c expression in glioblastoma stem cells: new perspectives for brain tumor treatments. <i>Cell Death and Disease</i> , 2019, 10, 263.	6.3	23
60	VEGF isoforms as outcome biomarker for anti-angiogenic therapy in recurrent glioblastoma. <i>Neurology</i> , 2015, 84, 1906-1908.	1.1	22
61	Functional Role and Therapeutic Potential of the Pim-1 Kinase in Colon Carcinoma. <i>Neoplasia</i> , 2013, 15, 773-IN27.	5.3	19
62	PED interacts with Rac1 and regulates cell migration/invasion processes in human non-small cell lung cancer cells. <i>Journal of Cellular Physiology</i> , 2010, 225, 63-72.	4.1	18
63	Establishing tumor cell lines from aggressive telomerase-positive chordomas of the skull base. <i>Journal of Neurosurgery</i> , 2006, 105, 482-484.	1.6	17
64	Human neural progenitor cells display limited cytotoxicity and increased oligodendrogenesis during inflammation. <i>Cell Death and Differentiation</i> , 2007, 14, 876-878.	11.2	16
65	CD95/CD95L interactions and their role in autoimmunity. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2000, 5, 419-424.	4.9	14
66	A BMP7 Variant Inhibits Tumor Angiogenesis In Vitro and In Vivo through Direct Modulation of Endothelial Cell Biology. <i>PLoS ONE</i> , 2015, 10, e0125697.	2.5	14
67	The secretion and maturation of prosaposin and procathepsin D are blocked in embryonic neural progenitor cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1480-1489.	4.1	12
68	Knockdown of Cancer Testis Antigens Modulates Neural Stem Cell Marker Expression in Glioblastoma Tumor Stem Cells. <i>Journal of Biomolecular Screening</i> , 2010, 15, 830-839.	2.6	11
69	Glioblastoma stem cells: radiobiological response to ionising radiations of different qualities. <i>Radiation Protection Dosimetry</i> , 2015, 166, 374-378.	0.8	11
70	Knockdown of Ubiquitin Ligases in Glioblastoma Cancer Stem Cells Leads to Cell Death and Differentiation. <i>Journal of Biomolecular Screening</i> , 2012, 17, 152-162.	2.6	10
71	Gene Expression Analysis of PTEN Positive Glioblastoma Stem Cells Identifies DUB3 and Wee1 Modulation in a Cell Differentiation Model. <i>PLoS ONE</i> , 2013, 8, e81432.	2.5	10
72	Dilation of Brain Veins and Perivascular Infiltration by Glioblastoma Cells in an In Vivo Assay of Early Tumor Angiogenesis. <i>BioMed Research International</i> , 2021, 2021, 1-11.	1.9	1

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73	Abstract 3312: Protein activation pathway analysis of glioblastoma stem cells reveals potential novel biomarkers. , 2011, , .		0
74	Abstract 883: Cell-based selection of RNA-aptamers to specifically target glioblastoma cancer stem cells. , 2012, , .		0