Luca Persano

List of Publications by Year
in descending order

49 papers	2,019 citations	218381 26 h-index	243296 44 g-index
51 all docs	51 docs citations	51 times ranked	3842 citing authors

#	Article	IF	Citations
1	Intratumoral Hypoxic Gradient Drives Stem Cells Distribution and MGMT Expression in Glioblastoma. Stem Cells, 2010, 28, 851-862.	1.4	262
2	Glioblastoma cancer stem cells: Role of the microenvironment and therapeutic targeting. Biochemical Pharmacology, 2013, 85, 612-622.	2.0	136
3	Interaction of Hypoxia-Inducible Factor-1Î± and Notch Signaling Regulates Medulloblastoma Precursor Proliferation and Fate. Stem Cells, 2010, 28, 1918-1929.	1.4	133
4	BMP2 sensitizes glioblastoma stem-like cells to Temozolomide by affecting HIF-1Î± stability and MGMT expression. Cell Death and Disease, 2012, 3, e412-e412.	2.7	132
5	Cross-talk between Tumor and Endothelial Cells Involving the Notch3-Dll4 Interaction Marks Escape from Tumor Dormancy. Cancer Research, 2009, 69, 1314-1323.	0.4	124
6	Wnt activation promotes neuronal differentiation of Glioblastoma. Cell Death and Disease, 2013, 4, e500-e500.	2.7	89
7	Notch3 signalling promotes tumour growth in colorectal cancer. Journal of Pathology, 2011, 224, 448-460.	2.1	77
8	The Three-Layer Concentric Model of Glioblastoma: Cancer Stem Cells, Microenvironmental Regulation, and Therapeutic Implications. Scientific World Journal, The, 2011, 11, 1829-1841.	0.8	74
9	Glycolytic Phenotype and AMP Kinase Modify the Pathologic Response of Tumor Xenografts to VEGF Neutralization. Cancer Research, 2011, 71, 4214-4225.	0.4	67
10	Anti-angiogenic gene therapy of cancer: Current status and future prospects. Molecular Aspects of Medicine, 2007, 28, 87-114.	2.7	62
11	VEGF-Targeted Therapy Stably Modulates the Glycolytic Phenotype of Tumor Cells. Cancer Research, 2015, 75, 120-133.	0.4	62
12	Notch3-mediated regulation of MKP-1 levels promotes survival of T acute lymphoblastic leukemia cells. Leukemia, 2011, 25, 588-598.	3.3	50
13	Hypoxia and succinate antagonize 2-deoxyglucose effects on glioblastoma. Biochemical Pharmacology, 2010, 80, 1517-1527.	2.0	47
14	Differential Regulation of Hypoxia-Induced CXCR4 Triggering during B-Cell Development and Lymphomagenesis. Cancer Research, 2007, 67, 8605-8614.	0.4	41
15	Hypoxia Inducible Factor-1Î± Inactivation Unveils a Link between Tumor Cell Metabolism and Hypoxia-Induced Cell Death. American Journal of Pathology, 2008, 173, 1186-1201.	1.9	39
16	Zebrafish reporter lines reveal in vivo signaling pathway activities involved in pancreatic cancer. DMM Disease Models and Mechanisms, 2014, 7, 883-94.	1.2	37
17	Interferon-Î± Gene Therapy by Lentiviral Vectors Contrasts Ovarian Cancer Growth Through Angiogenesis Inhibition. Human Gene Therapy, 2005, 16, 957-970.	1.4	34
18	MGMT expression and promoter methylation status may depend on the site of surgical sample collection within glioblastoma: a possible pitfall in stratification of patients?. Journal of Neuro-Oncology, 2012, 106, 33-41.	1.4	34

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19	Interferon-Î± counteracts the angiogenic switch and reduces tumor cell proliferation in a spontaneous model of prostatic cancer. Carcinogenesis, 2009, 30, 851-860.	1.3	33
20	TR-644 a novel potent tubulin binding agent induces impairment of endothelial cells function and inhibits angiogenesis. Angiogenesis, 2013, 16, 647-662.	3.7	33
21	AKR1C enzymes sustain therapy resistance in paediatric T-ALL. British Journal of Cancer, 2018, 118, 985-994.	2.9	31
22	Phenotypic and functional characterization of Glioblastoma cancer stem cells identified trough 5-aminolevulinic acid-assisted surgery. Journal of Neuro-Oncology, 2014, 116, 505-513.	1.4	30
23	HIF-1Î±/Wnt signaling-dependent control of gene transcription regulates neuronal differentiation of glioblastoma stem cells. Theranostics, 2019, 9, 4860-4877.	4.6	29
24	Annexin 2A sustains glioblastoma cell dissemination and proliferation. Oncotarget, 2016, 7, 54632-54649.	0.8	29
25	Establishment and characterization of xenografts and cancer cell cultures derived from BRCA1 â^'/â^' epithelial ovarian cancers. European Journal of Cancer, 2006, 42, 1475-1483.	1.3	28
26	BMP9 counteracts the tumorigenic and pro-angiogenic potential of glioblastoma. Cell Death and Differentiation, 2018, 25, 1808-1822.	5.0	27
27	Human Medulloblastoma Cell Lines: Investigating on Cancer Stem Cell-Like Phenotype. Cancers, 2020, 12, 226.	1.7	24
28	Inhibition of PI3K Signalling Selectively Affects Medulloblastoma Cancer Stem Cells. BioMed Research International, 2015, 2015, 1-11.	0.9	23
29	Choline Kinase Alpha Inhibition by EB-3D Triggers Cellular Senescence, Reduces Tumor Growth and Metastatic Dissemination in Breast Cancer. Cancers, 2018, 10, 391.	1.7	23
30	ZNF521 sustains the differentiation block in MLL-rearranged acute myeloid leukemia. Oncotarget, 2017, 8, 26129-26141.	0.8	21
31	Vandetanib Improves Anti-Tumor Effects of L19mTNFÎ± in Xenograft Models of Esophageal Cancer. Clinical Cancer Research, 2011, 17, 447-458.	3.2	20
32	Gene therapy of ovarian cancer with IFN-Î±-producing fibroblasts: comparison of constitutive and inducible vectors. Gene Therapy, 2006, 13, 953-965.	2.3	19
33	A synthetic BMP-2 mimicking peptide induces glioblastoma stem cell differentiation. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2282-2292.	1.1	17
34	Outcome of patients affected by newly diagnosed glioblastoma undergoing surgery assisted by 5-aminolevulinic acid guided resection followed by BCNU wafers implantation: a 3-year follow-up. Journal of Neuro-Oncology, 2017, 131, 331-340.	1.4	17
35	The Novel Antitubulin Agent TR-764 Strongly Reduces Tumor Vasculature and Inhibits HIF-1Î± Activation. Scientific Reports, 2016, 6, 27886.	1.6	13
36	Isolation and Expansion of Regionally Defined Human Glioblastoma Cells In Vitro. Current Protocols in Stem Cell Biology, 2011, 17, Unit 3.4.	3.0	12

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37	Crosstalk between the mesothelium and lymphomatous cells: insight into the mechanisms involved in the progression of body cavity lymphomas. Cancer Medicine, 2014, 3, 1-13.	1.3	12
38	Microfluidic Lab-on-a-Chip Based on UHF-Dielectrophoresis for Stemness Phenotype Characterization and Discrimination among Glioblastoma Cells. Biosensors, 2021, 11, 388.	2.3	12
39	Intra-operative 5-aminolevulinic acid (ALA)-induced fluorescence of medulloblastoma: phenotypic variability and CD133+ expression according to different fluorescence patterns. Neurological Sciences, 2014, 35, 99-102.	0.9	11
40	Histone Deacetylase Inhibitors Impair Glioblastoma Cell Motility and Proliferation. Cancers, 2022, 14, 1897.	1.7	11
41	Role of Environmental Chemicals, Processed Food Derivatives, and Nutrients in the Induction of Carcinogenesis. Stem Cells and Development, 2015, 24, 2337-2352.	1.1	9
42	Proteomic Alterations in Response to Hypoxia Inducible Factor 2Î± in Normoxic Neuroblastoma Cells. Journal of Proteome Research, 2016, 15, 3643-3655.	1.8	9
43	<scp>l</scp>-Proline as a modulator of ectodermal differentiation in ES cells. Focus on â€œ<scp>l</scp>-Proline induces differentiation of ES cells: a novel role for an amino acid in the regulation of pluripotent cells in culture. American Journal of Physiology - Cell Physiology, 2010, 298, C979-C981.	2.1	8
44	Letter: Combining 5-Aminolevulinic Acid Fluorescence and Intraoperative Magnetic Resonance Imaging in Glioblastoma Surgery: A Histology-Based Evaluation. Neurosurgery, 2017, 80, E188-E190.	0.6	7
45	Effects of Ultra-Short Pulsed Electric Field Exposure on Glioblastoma Cells. International Journal of Molecular Sciences, 2022, 23, 3001.	1.8	7
46	Identification of Homoharringtonine as a potent inhibitor of glioblastoma cell proliferation and migration. Translational Research, 2023, 251, 41-53.	2.2	2
47	Letter to the Editor: Hydrocephalus after meningioma surgery. Neurosurgical Focus, 2013, 35, E8.	1.0	1
48	152â€ƒInsights into the pathogenesis of HHV8-driven body cavity-based lymphoma. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 65, 65.	0.9	0
49	Stem Cell Distribution and MGMT Expression in Glioblastoma: Role of Intratumoral Hypoxic Gradient. , 2012, , 139-147.		0