

Antonio Daga

List of Publications by Citations

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93
papers

3,726
citations

34
h-index

58
g-index

99
ext. papers

4,197
ext. citations

6
avg, IF

4.64
L-index

#	Paper	IF	Citations
93	SOX2 silencing in glioblastoma tumor-initiating cells causes stop of proliferation and loss of tumorigenicity. <i>Stem Cells</i> , 2009 , 27, 40-8	5.8	455
92	NK cells recognize and kill human glioblastoma cells with stem cell-like properties. <i>Journal of Immunology</i> , 2009 , 182, 3530-9	5.3	220
91	Comparative analysis of DNA repair in stem and nonstem glioma cell cultures. <i>Molecular Cancer Research</i> , 2009 , 7, 383-92	6.6	149
90	Metformin selectively affects human glioblastoma tumor-initiating cell viability: A role for metformin-induced inhibition of Akt. <i>Cell Cycle</i> , 2013 , 12, 145-56	4.7	129
89	Expression of CXC chemokine receptors 1-5 and their ligands in human glioma tissues: role of CXCR4 and SDF1 in glioma cell proliferation and migration. <i>Neurochemistry International</i> , 2006 , 49, 423-32	4.4	125
88	Different response of human glioma tumor-initiating cells to epidermal growth factor receptor kinase inhibitors. <i>Journal of Biological Chemistry</i> , 2009 , 284, 7138-48	5.4	106
87	Leukaemia/Drosophila homology. <i>Nature</i> , 1992 , 356, 484	50.4	104
86	Expression of CD38 increases intracellular calcium concentration and reduces doubling time in HeLa and 3T3 cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 8017-24	5.4	98
85	Metformin repositioning as antitumoral agent: selective antiproliferative effects in human glioblastoma stem cells, via inhibition of CLIC1-mediated ion current. <i>Oncotarget</i> , 2014 , 5, 11252-68	3.3	87
84	DNase I mediates internucleosomal DNA degradation in human cells undergoing drug-induced apoptosis. <i>European Journal of Immunology</i> , 2001 , 31, 743-51	6.1	81
83	Inhibition of CXCL12/CXCR4 autocrine/paracrine loop reduces viability of human glioblastoma stem-like cells affecting self-renewal activity. <i>Toxicology</i> , 2013 , 314, 209-20	4.4	75
82	The histone demethylase KDM5A is a key factor for the resistance to temozolomide in glioblastoma. <i>Cell Cycle</i> , 2015 , 14, 3418-29	4.7	74
81	Enhanced antitumor efficacy of clinical-grade vasculature-targeted liposomal doxorubicin. <i>Clinical Cancer Research</i> , 2008 , 14, 7320-9	12.9	71
80	Expression of runt in the mouse embryo. <i>Developmental Dynamics</i> , 1995 , 203, 61-70	2.9	71
79	Extracellular cyclic ADP-ribose increases intracellular free calcium concentration and stimulates proliferation of human hemopoietic progenitors. <i>FASEB Journal</i> , 2000 , 14, 680-90	0.9	70
78	A novel liposomal Clodronate depletes tumor-associated macrophages in primary and metastatic melanoma: Anti-angiogenic and anti-tumor effects. <i>Journal of Controlled Release</i> , 2016 , 223, 165-177	11.7	66
77	Transplanted Umbilical Cord Mesenchymal Stem Cells Modify the In Vivo Microenvironment Enhancing Angiogenesis and Leading to Bone Regeneration. <i>Stem Cells and Development</i> , 2015 , 24, 1570-81	4.4	61

76	Sorafenib selectively depletes human glioblastoma tumor-initiating cells from primary cultures. <i>Cell Cycle</i> , 2013 , 12, 491-500	4.7	57
75	Short-time survival and engraftment of bone marrow stromal cells in an ectopic model of bone regeneration. <i>Tissue Engineering - Part A</i> , 2010 , 16, 489-99	3.9	57
74	Mda-9/syntenin is expressed in uveal melanoma and correlates with metastatic progression. <i>PLoS ONE</i> , 2012 , 7, e29989	3.7	53
73	Microenvironment and stem properties of bone marrow-derived mesenchymal cells. <i>Wound Repair and Regeneration</i> , 2001 , 9, 460-6	3.6	50
72	Spontaneously produced anti-DNA/DNase I autoantibodies modulate nuclear apoptosis in living cells. <i>European Journal of Immunology</i> , 1996 , 26, 3035-41	6.1	50
71	Enhanced engraftment of EPO-transduced human bone marrow stromal cells transplanted in a 3D matrix in non-conditioned NOD/SCID mice. <i>Gene Therapy</i> , 2002 , 9, 915-21	4	45
70	Emx2 in adult neural precursor cells. <i>Mechanisms of Development</i> , 2001 , 109, 323-9	1.7	42
69	Predictability, efficacy and safety of radiosensitization of glioblastoma-initiating cells by the ATM inhibitor KU-60019. <i>International Journal of Cancer</i> , 2014 , 135, 479-91	7.5	41
68	Differential DNA binding properties of three human homeodomain proteins. <i>Nucleic Acids Research</i> , 1992 , 20, 4465-72	20.1	41
67	Glioma immunotherapy by IL-21 gene-modified cells or by recombinant IL-21 involves antibody responses. <i>International Journal of Cancer</i> , 2007 , 121, 1756-63	7.5	39
66	Phenotypical and Pharmacological Characterization of Stem-Like Cells in Human Pituitary Adenomas. <i>Molecular Neurobiology</i> , 2017 , 54, 4879-4895	6.2	38
65	In vitro and in vivo antiproliferative activity of metformin on stem-like cells isolated from spontaneous canine mammary carcinomas: translational implications for human tumors. <i>BMC Cancer</i> , 2015 , 15, 228	4.8	37
64	The retroviral transduction of HOXC4 into human CD34(+) cells induces an in vitro expansion of clonogenic and early progenitors. <i>Experimental Hematology</i> , 2000 , 28, 569-74	3.1	37
63	Translocation breakpoints are clustered on both chromosome 8 and chromosome 21 in the t(8;21) of acute myeloid leukemia. <i>Blood</i> , 1993 , 81, 592-596	2.2	37
62	Cellular prion protein controls stem cell-like properties of human glioblastoma tumor-initiating cells. <i>Oncotarget</i> , 2016 , 7, 38638-38657	3.3	37
61	Pharmacokinetics, pharmacodynamics and efficacy on pediatric tumors of the glioma radiosensitizer KU60019. <i>International Journal of Cancer</i> , 2015 , 136, 1445-57	7.5	36
60	TRIM8 downregulation in glioma affects cell proliferation and it is associated with patients survival. <i>BMC Cancer</i> , 2015 , 15, 470	4.8	35
59	Different Effects of Human Umbilical Cord Mesenchymal Stem Cells on Glioblastoma Stem Cells by Direct Cell Interaction or Via Released Soluble Factors. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 312	6.1	34

58	Effects of Emx2 inactivation on the gene expression profile of neural precursors. <i>European Journal of Neuroscience</i> , 2006 , 23, 325-34	3.5	33
57	Estrogen receptor β activation impairs mitochondrial oxidative metabolism and affects malignant mesothelioma cell growth in vitro and in vivo. <i>Oncogenesis</i> , 2013 , 2, e72	6.6	30
56	Small molecules targeting histone demethylase genes (KDMs) inhibit growth of temozolomide-resistant glioblastoma cells. <i>Oncotarget</i> , 2017 , 8, 34896-34910	3.3	29
55	z-Leuciny-leuciny-norleucinal induces apoptosis of human glioblastoma tumor-initiating cells by proteasome inhibition and mitotic arrest response. <i>Molecular Cancer Research</i> , 2009 , 7, 1822-34	6.6	28
54	A novel Bim-BH3-derived Bcl-XL inhibitor: biochemical characterization, in vitro, in vivo and ex-vivo anti-leukemic activity. <i>Cell Cycle</i> , 2008 , 7, 3211-24	4.7	28
53	Combined immunotherapy with anti-PDL-1/PD-1 and anti-CD4 antibodies cures syngeneic disseminated neuroblastoma. <i>Scientific Reports</i> , 2017 , 7, 14049	4.9	27
52	Delineating the cytogenomic and epigenomic landscapes of glioma stem cell lines. <i>PLoS ONE</i> , 2013 , 8, e57462	3.7	27
51	Ligand-targeted liposomal therapies of neuroblastoma. <i>Current Medicinal Chemistry</i> , 2007 , 14, 3070-8	4.3	27
50	Inhibition of the Autophagy Pathway Synergistically Potentiates the Cytotoxic Activity of Givinostat (ITF2357) on Human Glioblastoma Cancer Stem Cells. <i>Frontiers in Molecular Neuroscience</i> , 2016 , 9, 107	6.1	26
49	DNase I behaves as a transcription factor which modulates Fas expression in human cells. <i>European Journal of Immunology</i> , 2004 , 34, 273-9	6.1	24
48	A common pathway in differentiation and inflammation: p38 mediates expression of the acute phase SIP24 iron binding lipocalin in chondrocytes. <i>Journal of Cellular Physiology</i> , 2006 , 206, 728-37	7	23
47	Endocrine, metabolic, and clinical effects of gestrinone in women with endometriosis. <i>Fertility and Sterility</i> , 1989 , 52, 589-95	4.8	23
46	In vitro and in vivo characterization of highly purified human mesothelioma derived cells. <i>BMC Cancer</i> , 2010 , 10, 54	4.8	22
45	ATR kinase inhibitors NVP-BEZ235 and AZD6738 effectively penetrate the brain after systemic administration. <i>Radiation Oncology</i> , 2018 , 13, 76	4.2	21
44	Down-modulation of SEL1L, an unfolded protein response and endoplasmic reticulum-associated degradation protein, sensitizes glioma stem cells to the cytotoxic effect of valproic acid. <i>Journal of Biological Chemistry</i> , 2014 , 289, 2826-38	5.4	21
43	Close interactions between mesenchymal stem cells and neuroblastoma cell lines lead to tumor growth inhibition. <i>PLoS ONE</i> , 2012 , 7, e48654	3.7	21
42	In vitro and in vivo characterization of stem-like cells from canine osteosarcoma and assessment of drug sensitivity. <i>Experimental Cell Research</i> , 2018 , 363, 48-64	4.2	20
41	Antagonistic modulation of gliomagenesis by Pax6 and Olig2 in PDGF-induced oligodendroglioma. <i>International Journal of Cancer</i> , 2012 , 131, E1078-87	7.5	20

40	New perspectives in glioma immunotherapy. <i>Current Pharmaceutical Design</i> , 2011 , 17, 2439-67	3.3	20
39	MR and Iron Magnetic Nanoparticles. Imaging Opportunities in Preclinical and Translational Research. <i>Tumori</i> , 2008 , 94, 226-233	1.7	20
38	Isolation of stem-like cells from spontaneous feline mammary carcinomas: phenotypic characterization and tumorigenic potential. <i>Experimental Cell Research</i> , 2012 , 318, 847-60	4.2	19
37	The inhibition of FGF receptor 1 activity mediates sorafenib antiproliferative effects in human malignant pleural mesothelioma tumor-initiating cells. <i>Stem Cell Research and Therapy</i> , 2017 , 8, 119	8.3	18
36	Targeting of Histone Demethylases KDM5A and KDM6B Inhibits the Proliferation of Temozolomide-Resistant Glioblastoma Cells. <i>Cancers</i> , 2019 , 11,	6.6	18
35	Preclinical studies identify novel targeted pharmacological strategies for treatment of human malignant pleural mesothelioma. <i>British Journal of Pharmacology</i> , 2012 , 166, 532-53	8.6	18
34	Molecular analysis of the gamma delta T-cell receptor repertoire in normal human skin and in Oriental cutaneous leishmaniasis. <i>Experimental Dermatology</i> , 1993 , 2, 106-12	4	18
33	Inhibition of Chloride Intracellular Channel 1 (CLIC1) as Biguanide Class-Effect to Impair Human Glioblastoma Stem Cell Viability. <i>Frontiers in Pharmacology</i> , 2018 , 9, 899	5.6	18
32	NAC, tiron and trolox impair survival of cell cultures containing glioblastoma tumorigenic initiating cells by inhibition of cell cycle progression. <i>PLoS ONE</i> , 2014 , 9, e90085	3.7	17
31	Development of an Injectable Slow-Release Metformin Formulation and Evaluation of Its Potential Antitumor Effects. <i>Scientific Reports</i> , 2018 , 8, 3929	4.9	16
30	Amniotic fluid stem cells in a bone microenvironment: driving host angiogenic response. <i>Stem Cell Research</i> , 2013 , 11, 540-51	1.6	16
29	Carnosic acid induces proteasomal degradation of Cyclin B1, RB and SOX2 along with cell growth arrest and apoptosis in GBM cells. <i>Phytomedicine</i> , 2016 , 23, 679-85	6.5	16
28	New therapeutic strategies in neuroblastoma: combined targeting of a novel tyrosine kinase inhibitor and liposomal siRNAs against ALK. <i>Oncotarget</i> , 2015 , 6, 28774-89	3.3	15
27	Adoptive immunotherapy mediated by ex vivo expanded natural killer T cells against CD1d-expressing lymphoid neoplasms. <i>Haematologica</i> , 2009 , 94, 967-74	6.6	15
26	Preclinical evaluation of the first intravenous small molecule MDM2 antagonist alone and in combination with temozolomide in neuroblastoma. <i>International Journal of Cancer</i> , 2019 , 144, 3146-3159	7.5	15
25	Expression of runtB is modulated during chondrocyte differentiation. <i>Experimental Cell Research</i> , 1996 , 223, 215-26	4.2	14
24	Use of three DNA polymorphisms of the LDL receptor gene in the diagnosis of familial hypercholesterolemia. <i>Human Genetics</i> , 1990 , 84, 412-6	6.3	14
23	Effect of a single daily dose treatment of fenofibrate on plasma lipoproteins in hyperlipoproteinaemia IIb. <i>European Journal of Clinical Pharmacology</i> , 1988 , 34, 25-8	2.8	14

22	Intracellular lactate-mediated induction of estrogen receptor beta (ER β) in biphasic malignant pleural mesothelioma cells. <i>Oncotarget</i> , 2015 , 6, 25121-34	3.3	14
21	Mutual Influence of ROS, pH, and CLIC1 Membrane Protein in the Regulation of G-S Phase Progression in Human Glioblastoma Stem Cells. <i>Molecular Cancer Therapeutics</i> , 2018 , 17, 2451-2461	6.1	13
20	Agonist activation of estrogen receptor beta (ER β) sensitizes malignant pleural mesothelioma cells to cisplatin cytotoxicity. <i>Molecular Cancer</i> , 2014 , 13, 227	42.1	13
19	Identification of a novel set of genes reflecting different in vivo invasive patterns of human GBM cells. <i>BMC Cancer</i> , 2012 , 12, 358	4.8	12
18	Pvu II polymorphism of low density lipoprotein receptor gene and familial hypercholesterolemia. Study of Italians. <i>Arteriosclerosis (Dallas, Tex)</i> , 1988 , 8, 845-50		12
17	The inhibition of 45A ncRNA expression reduces tumor formation, affecting tumor nodules compactness and metastatic potential in neuroblastoma cells. <i>Oncotarget</i> , 2017 , 8, 8189-8205	3.3	11
16	SIRT1 at the crossroads of AKT1 and ER α in malignant pleural mesothelioma cells. <i>Oncotarget</i> , 2016 , 7, 14366-79	3.3	11
15	Emx2 as a novel tool to suppress glioblastoma. <i>Oncotarget</i> , 2016 , 7, 41005-41016	3.3	11
14	Choline and nicotine increase glioblastoma cell proliferation by binding and activating α - and β -containing nicotinic receptors. <i>Pharmacological Research</i> , 2021 , 163, 105336	10.2	10
13	The efficacy and toxicity of ATM inhibition in glioblastoma initiating cells-driven tumor models. <i>Critical Reviews in Oncology/Hematology</i> , 2019 , 138, 214-222	7	9
12	Demethyl fruticulin A (SCO-1) causes apoptosis by inducing reactive oxygen species in mitochondria. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 1149-59	4.7	9
11	An RGD small-molecule integrin antagonist induces detachment-mediated anoikis in glioma cancer stem cells. <i>International Journal of Oncology</i> , 2018 , 53, 2683-2694	4.4	9
10	Molecular Pharmacology of Malignant Pleural Mesothelioma: Challenges and Perspectives From Preclinical and Clinical Studies. <i>Current Drug Targets</i> , 2016 , 17, 824-49	3	8
9	PNAEmu can significantly reduce Burkitt's lymphoma tumor burden in a SCID mice model: cells dissemination similar to the human disease. <i>Cancer Gene Therapy</i> , 2009 , 16, 786-93	5.4	7
8	Anti-Tumor Effects of Bak-Proteoliposomes against Glioblastoma. <i>Molecules</i> , 2015 , 20, 15893-909	4.8	6
7	Faithful animal modelling of human glioma by using primary initiating cells and its implications for radiosensitization therapy [ARRIVE 1]. <i>Scientific Reports</i> , 2018 , 8, 14191	4.9	5
6	Radiosensitization of orthotopic GIC-driven glioblastoma by doxycycline causes skin damage. <i>Radiation Oncology</i> , 2019 , 14, 58	4.2	2
5	Brain microglia activation induced by intracranial administration of oligonucleotides and its pharmacological modulation. <i>Drug Delivery and Translational Research</i> , 2018 , 8, 1345-1354	6.2	2

4	Ultra-hyper-fractionated radiotherapy for high-grade gliomas. <i>Journal of Neuroscience Research</i> , 2021 ,	4.4	2
3	Cell Cultures Used in Studies Focused on Targeting Glioblastoma Tumor-Initiating Cells - Response. <i>Molecular Cancer Research</i> , 2010 , 8, 291.2-291	6.6	1
2	Chloride intracellular channel 1 activity is not required for glioblastoma development but its inhibition dictates glioma stem cell responsivity to novel biguanide derivatives.. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022 , 41, 53	12.8	0
1	Glioblastoma Cancer Stem Cells: Response to Epidermal Growth Factor Receptor Kinase Inhibitors 2011 , 213-226		