Simonetta Astigiano

List of Publications by Year
in descending order

46	1,687	279798	289244
papers	citations	23 h-index	40 g-index

48	48	48	3193
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Curcumin inhibits prostate cancer metastasis in vivo by targeting the inflammatory cytokines CXCL1 and -2. Carcinogenesis, 2012, 33, 2507-2519.	2.8	149
2	miR181b is induced by the chemopreventive polyphenol curcumin and inhibits breast cancer metastasis via downâ€regulation of the inflammatory cytokines CXCL1 and â€2. Molecular Oncology, 2014, 8, 581-595.	4.6	148
3	Eosinophil Granulocytes Account for Indoleamine 2,3-Dioxygenase-Mediated Immune Escape in Human Non Small Cell Lung Cancer. Neoplasia, 2005, 7, 390-396.	5.3	134
4	Exocytosis of azurophil and arginase 1-containing granules by activated polymorphonuclear neutrophils is required to inhibit T lymphocyte proliferation. Journal of Leukocyte Biology, 2011, 89, 721-727.	3.3	106
5	Development of sarcomas in mice implanted with mesenchymal stem cells seeded onto bioscaffolds. Carcinogenesis, 2009, 30, 150-157.	2.8	102
6	The properties of a mammary gland cancer stem cell. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 10476-10481.	7.1	92
7	Three-dimensional cultures of normal human osteoblasts: proliferation and differentiation potential in vitro and upon ectopic implantation in nude mice. Bone, 2002, 30, 718-725.	2.9	72
8	Role of the alpha3beta1 and alpha6beta4 integrins in tumor invasion. Clinical and Experimental Metastasis, 2002, 19, 217-223.	3.3	70
9	Xanthohumol Impairs Human Prostate Cancer Cell Growth and Invasion and Diminishes the Incidence and Progression of Advanced Tumors in TRAMP Mice. Molecular Medicine, 2012, 18, 1292-1302.	4.4	63
10	Depletion of cartilage collagen fibrils in mice carrying a dominant negative Col2a1 transgene affects chondrocyte differentiation. American Journal of Physiology - Cell Physiology, 2003, 285, C1504-C1512.	4.6	51
11	Interferon Î³-Induced Human Guanylate Binding Protein 1 Inhibits Mammary Tumor Growth in Mice. Molecular Medicine, 2010, 16, 177-187.	4.4	46
12	Mutually exclusive expression of DLX2 and DLX5/6 is associated with the metastatic potential of the human breast cancer cell line MDA-MB-231. BMC Cancer, 2010, 10, 649.	2.6	44
13	In vivo generation of decidual natural killer cells from resident hematopoietic progenitors. Haematologica, 2014, 99, 448-457.	3.5	43
14	TAp73 is downregulated in oocytes from women of advanced reproductive age. Cell Cycle, 2011, 10, 3253-3256.	2.6	38
15	Arginase 2 is expressed by human lung cancer, but it neither induces immune suppression, nor affects disease progression. International Journal of Cancer, 2008, 123, 1108-1116.	5.1	37
16	Combined immunotherapy with anti-PDL-1/PD-1 and anti-CD4 antibodies cures syngeneic disseminated neuroblastoma. Scientific Reports, 2017, 7, 14049.	3.3	37
17	Isolation of Canine Mammary Cells With Stem Cell Properties and Tumourâ€Initiating Potential. Reproduction in Domestic Animals, 2009, 44, 214-217.	1.4	34
18	Overexpression of the cohesin-core subunit SMC1A contributes to colorectal cancer development. Journal of Experimental and Clinical Cancer Research, 2019, 38, 108.	8.6	34

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19	Distinct populations of tumor-initiating cells derived from a tumor generated by rat mammary cancer stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16940-16945.	7.1	31
20	Spatioâ€temporal dynamics of gene expression of the Edn1â€Dlx5/6 pathway during development of the lower jaw. Genesis, 2010, 48, 262-373.	1.6	31
21	BMP-Mediated Functional Cooperation between Dlx5;Dlx6 and Msx1;Msx2 during Mammalian Limb Development. PLoS ONE, 2013, 8, e51700.	2.5	30
22	A highly invasive subpopulation of MDA-MB-231 breast cancer cells shows accelerated growth, differential chemoresistance, features of apocrine tumors and reduced tumorigenicityin vivo. Oncotarget, 2016, 7, 68803-68820.	1.8	30
23	Adaptive phenotype drives resistance to androgen deprivation therapy in prostate cancer. Cell Communication and Signaling, 2017, 15, 51.	6.5	29
24	Fate of embryonal carcinoma cells injected into postimplantation mouse embryos. Differentiation, 2005, 73, 484-490.	1.9	27
25	Changes in gene expression following exposure of nulli-SCCl murine embryonal carcinoma cells to inducers of differentiation: characterization of a down-regulated mRNA. Differentiation, 1991, 46, 61-67.	1.9	20
26	Procollagen I COOH-terminal fragment induces VEGF-A and CXCR4 expression in breast carcinoma cells. Experimental Cell Research, 2008, 314, 2289-2298.	2.6	20
27	Systemic alkalinisation delays prostate cancer cell progression in TRAMP mice. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 363-368.	5.2	18
28	Comparative analysis of molecular signatures suggests the use of gabapentin for the management of endometriosis-associated pain. Journal of Pain Research, 2018, Volume 11, 715-725.	2.0	18
29	Aspartate Î²-hydroxylase targeting in castration-resistant prostate cancer modulates the NOTCH/HIF1Î±/GSK3Î² crosstalk. Carcinogenesis, 2020, 41, 1246-1252.	2.8	16
30	A rat mammary gland cancer cell with stem cell properties of self-renewal and multi-lineage differentiation. Cytotechnology, 2008, 58, 25-32.	1.6	15
31	Localization and Expression of Integrin Subunits in the Embryoid Bodies of F9 Teratocarcinoma Cells. Experimental Cell Research, 1999, 247, 114-122.	2.6	11
32	Hyperplasia and impaired involution in the mammary gland of transgenic mice expressing human FGF4. Oncogene, 2000, 19, 6007-6014.	5.9	10
33	FMS*Calciumfluor specifically increases mRNA levels and induces signaling via MAPK 42,44 and not FAK in differentiating rat osteoblasts. Cell Biology International, 2005, 29, 629-637.	3.0	10
34	The carboxyl terminal trimer of procollagen I induces pro-metastatic changes and vascularization in breast cancer cells xenografts. BMC Cancer, 2009, 9, 59.	2.6	10
35	Multifocal Signal Modulation Therapy by Celecoxib: A Strategy for Managing Castration-Resistant Prostate Cancer. International Journal of Molecular Sciences, 2019, 20, 6091.	4.1	10
36	Modulation of Î±6/Î²1 Integrin Expression during Differentiation of F9 Murine Embryonal Carcinoma Cells to Parietal Endoderm. Experimental Cell Research, 1997, 232, 304-312.	2.6	9

#	Article	IF	Citations
37	Treatment of newborn G6pc mice with bone marrow-derived myelomonocytes induces liver repair. Journal of Hepatology, 2011, 55, 1263-1271.	3.7	8
38	Regulation and patterns of endogenous and exogenous gene expression during differentiation of embryonal carcinoma cells.. Environmental Health Perspectives, 1989, 80, 25-38.	6.0	7
39	Inhibition of ductal morphogenesis in the mammary gland of WAP-fgf4 transgenic mice. Anatomy and Embryology, 2003, 206, 471-478.	1.5	6
40	Diverse human aldolase C gene promoter regions are required to direct specific LacZ expression in the hippocampus and Purkinje cells of transgenic mice. FEBS Letters, 2004, 578, 337-344.	2.8	6
41	High frequency of development of B cell lymphoproliferation and diffuse large B cell lymphoma in Dbl knock-in mice. Journal of Molecular Medicine, 2011, 89, 493-504.	3.9	6
42	The SGLT2-inhibitor dapagliflozin improves neutropenia and neutrophil dysfunction in a mouse model of the inherited metabolic disorder GSDIb. Molecular Genetics and Metabolism Reports, 2021, 29, 100813.	1.1	4
43	Transgenic mice overexpressing arginase 1 in monocytic cell lineage are affected by lymphoâ€“myeloproliferative disorders and disseminated intravascular coagulation. Carcinogenesis, 2015, 36, 1354-1362.	2.8	3
44	Increased Arginase1 expression in tumor microenvironment promotes mammary carcinogenesis via multiple mechanisms. Carcinogenesis, 2020, 41, 1695-1702.	2.8	1
45	P44. Negative prognostic genes are induced by procollagen COOH trimer in breast carcinoma cells and angiogenesis is induced in xenograft tumors. Cancer Treatment Reviews, 2008, 34, 30.	7.7	0
46	Abstract 496: Isolation and characterization of a highly invasive subpopulation from MDA-MB-231 breast cancer cells. , 2012, , .		0