

# Simonetta Astigiano

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

1,687  
citations

279798

23  
h-index

289244

40  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3193  
citing authors

#	ARTICLE	IF	CITATIONS
1	The SGLT2-inhibitor dapagliflozin improves neutropenia and neutrophil dysfunction in a mouse model of the inherited metabolic disorder GSDIb. <i>Molecular Genetics and Metabolism Reports</i> , 2021, 29, 100813.	1.1	4
2	Aspartate $\beta$ -hydroxylase targeting in castration-resistant prostate cancer modulates the NOTCH/HIF1 $\alpha$ /GSK3 $\beta$ crosstalk. <i>Carcinogenesis</i> , 2020, 41, 1246-1252.	2.8	16
3	Increased Arginase1 expression in tumor microenvironment promotes mammary carcinogenesis via multiple mechanisms. <i>Carcinogenesis</i> , 2020, 41, 1695-1702.	2.8	1
4	Overexpression of the cohesin-core subunit SMC1A contributes to colorectal cancer development. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 108.	8.6	34
5	Multifocal Signal Modulation Therapy by Celecoxib: A Strategy for Managing Castration-Resistant Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6091.	4.1	10
6	Comparative analysis of molecular signatures suggests the use of gabapentin for the management of endometriosis-associated pain. <i>Journal of Pain Research</i> , 2018, Volume 11, 715-725.	2.0	18
7	Systemic alkalinisation delays prostate cancer cell progression in TRAMP mice. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 363-368.	5.2	18
8	Combined immunotherapy with anti-PDL-1/PD-1 and anti-CD4 antibodies cures syngeneic disseminated neuroblastoma. <i>Scientific Reports</i> , 2017, 7, 14049.	3.3	37
9	Adaptive phenotype drives resistance to androgen deprivation therapy in prostate cancer. <i>Cell Communication and Signaling</i> , 2017, 15, 51.	6.5	29
10	A highly invasive subpopulation of MDA-MB-231 breast cancer cells shows accelerated growth, differential chemoresistance, features of apocrine tumors and reduced tumorigenicity <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 68803-68820.	1.8	30
11	Transgenic mice overexpressing arginase 1 in monocytic cell lineage are affected by lympho-myeloproliferative disorders and disseminated intravascular coagulation. <i>Carcinogenesis</i> , 2015, 36, 1354-1362.	2.8	3
12	In vivo generation of decidual natural killer cells from resident hematopoietic progenitors. <i>Haematologica</i> , 2014, 99, 448-457.	3.5	43
13	miR181b is induced by the chemopreventive polyphenol curcumin and inhibits breast cancer metastasis via down-regulation of the inflammatory cytokines CXCL1 and $\beta$ . <i>Molecular Oncology</i> , 2014, 8, 581-595.	4.6	148
14	BMP-Mediated Functional Cooperation between Dlx5/Dlx6 and Msx1/Msx2 during Mammalian Limb Development. <i>PLoS ONE</i> , 2013, 8, e51700.	2.5	30
15	Curcumin inhibits prostate cancer metastasis <i>in vivo</i> by targeting the inflammatory cytokines CXCL1 and -2. <i>Carcinogenesis</i> , 2012, 33, 2507-2519.	2.8	149
16	Xanthohumol Impairs Human Prostate Cancer Cell Growth and Invasion and Diminishes the Incidence and Progression of Advanced Tumors in TRAMP Mice. <i>Molecular Medicine</i> , 2012, 18, 1292-1302.	4.4	63
17	Abstract 496: Isolation and characterization of a highly invasive subpopulation from MDA-MB-231 breast cancer cells. , 2012, , .		0
18	Treatment of newborn G6pc mice with bone marrow-derived myelomonocytes induces liver repair. <i>Journal of Hepatology</i> , 2011, 55, 1263-1271.	3.7	8

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19	High frequency of development of B cell lymphoproliferation and diffuse large B cell lymphoma in Dbl knock-in mice. <i>Journal of Molecular Medicine</i> , 2011, 89, 493-504.	3.9	6
20	TAp73 is downregulated in oocytes from women of advanced reproductive age. <i>Cell Cycle</i> , 2011, 10, 3253-3256.	2.6	38
21	Exocytosis of azurophil and arginase 1-containing granules by activated polymorphonuclear neutrophils is required to inhibit T lymphocyte proliferation. <i>Journal of Leukocyte Biology</i> , 2011, 89, 721-727.	3.3	106
22	Mutually exclusive expression of DLX2 and DLX5/6 is associated with the metastatic potential of the human breast cancer cell line MDA-MB-231. <i>BMC Cancer</i> , 2010, 10, 649.	2.6	44
23	Spatio-temporal dynamics of gene expression of the Edn1-Dlx5/6 pathway during development of the lower jaw. <i>Genesis</i> , 2010, 48, 262-373.	1.6	31
24	Interferon $\beta$ -Induced Human Guanylate Binding Protein 1 Inhibits Mammary Tumor Growth in Mice. <i>Molecular Medicine</i> , 2010, 16, 177-187.	4.4	46
25	Development of sarcomas in mice implanted with mesenchymal stem cells seeded onto bioscaffolds. <i>Carcinogenesis</i> , 2009, 30, 150-157.	2.8	102
26	Isolation of Canine Mammary Cells With Stem Cell Properties and Tumour-Initiating Potential. <i>Reproduction in Domestic Animals</i> , 2009, 44, 214-217.	1.4	34
27	The carboxyl terminal trimer of procollagen I induces pro-metastatic changes and vascularization in breast cancer cells xenografts. <i>BMC Cancer</i> , 2009, 9, 59.	2.6	10
28	A rat mammary gland cancer cell with stem cell properties of self-renewal and multi-lineage differentiation. <i>Cytotechnology</i> , 2008, 58, 25-32.	1.6	15
29	Arginase 2 is expressed by human lung cancer, but it neither induces immune suppression, nor affects disease progression. <i>International Journal of Cancer</i> , 2008, 123, 1108-1116.	5.1	37
30	Procollagen I COOH-terminal fragment induces VEGF-A and CXCR4 expression in breast carcinoma cells. <i>Experimental Cell Research</i> , 2008, 314, 2289-2298.	2.6	20
31	P44. Negative prognostic genes are induced by procollagen COOH trimer in breast carcinoma cells and angiogenesis is induced in xenograft tumors. <i>Cancer Treatment Reviews</i> , 2008, 34, 30.	7.7	0
32	Distinct populations of tumor-initiating cells derived from a tumor generated by rat mammary cancer stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16940-16945.	7.1	31
33	The properties of a mammary gland cancer stem cell. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10476-10481.	7.1	92
34	Fate of embryonal carcinoma cells injected into postimplantation mouse embryos. <i>Differentiation</i> , 2005, 73, 484-490.	1.9	27
35	FMS*Calciumfluor specifically increases mRNA levels and induces signaling via MAPK 42,44 and not FAK in differentiating rat osteoblasts. <i>Cell Biology International</i> , 2005, 29, 629-637.	3.0	10
36	Eosinophil Granulocytes Account for Indoleamine 2,3-Dioxygenase-Mediated Immune Escape in Human Non Small Cell Lung Cancer. <i>Neoplasia</i> , 2005, 7, 390-396.	5.3	134

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37	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
38	Inhibition of ductal morphogenesis in the mammary gland of WAP-fgf4 transgenic mice. Anatomy and Embryology, 2003, 206, 471-478.	1.5	6
39	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
40	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
41	Role of the alpha3beta1 and alpha6beta4 integrins in tumor invasion. Clinical and Experimental Metastasis, 2002, 19, 217-223.	3.3	70
42	Hyperplasia and impaired involution in the mammary gland of transgenic mice expressing human FGF4. Oncogene, 2000, 19, 6007-6014.	5.9	10
43	Localization and Expression of Integrin Subunits in the Embryoid Bodies of F9 Teratocarcinoma Cells. Experimental Cell Research, 1999, 247, 114-122.	2.6	11
44	Modulation of $\alpha 6 \beta 2 1$ Integrin Expression during Differentiation of F9 Murine Embryonal Carcinoma Cells to Parietal Endoderm. Experimental Cell Research, 1997, 232, 304-312.	2.6	9
45	Changes in gene expression following exposure of nulli-SCC1 murine embryonal carcinoma cells to inducers of differentiation: characterization of a down-regulated mRNA. Differentiation, 1991, 46, 61-67.	1.9	20
46	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