

# Antonella Farsetti

## List of Publications by Citations

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**Version:** 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80  
papers

3,191  
citations

31  
h-index

54  
g-index

86  
ext. papers

3,584  
ext. citations

6.9  
avg, IF

4.52  
L-index

#	Paper	IF	Citations
80	Diagnostic accuracy of conventional versus sonography-guided fine-needle aspiration biopsy of thyroid nodules. <i>Thyroid</i> , <b>1998</b> , 8, 15-21	6.2	409
79	Induction of hTERT expression and telomerase activity by estrogens in human ovary epithelium cells. <i>Molecular and Cellular Biology</i> , <b>2000</b> , 20, 3764-71	4.8	218
78	Epigenetic histone modification and cardiovascular lineage programming in mouse embryonic stem cells exposed to laminar shear stress. <i>Circulation Research</i> , <b>2005</b> , 96, 501-8	15.7	159
77	The isopeptidase USP2a protects human prostate cancer from apoptosis. <i>Cancer Research</i> , <b>2006</b> , 66, 8625-32	10.1	115
76	p53 re-expression inhibits proliferation and restores differentiation of human thyroid anaplastic carcinoma cells. <i>Oncogene</i> , <b>1997</b> , 14, 729-40	9.2	113
75	Shear stress-mediated chromatin remodeling provides molecular basis for flow-dependent regulation of gene expression. <i>Circulation Research</i> , <b>2003</b> , 93, 155-61	15.7	103
74	Endothelial NOS, estrogen receptor beta, and HIFs cooperate in the activation of a prognostic transcriptional pattern in aggressive human prostate cancer. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 1093-108	15.9	96
73	Epithelial-restricted gene profile of primary cultures from human prostate tumors: a molecular approach to predict clinical behavior of prostate cancer. <i>Molecular Cancer Research</i> , <b>2006</b> , 4, 79-92	6.6	85
72	Zinc downregulates HIF-1 $\beta$ and inhibits its activity in tumor cells in vitro and in vivo. <i>PLoS ONE</i> , <b>2010</b> , 5, e15048	3.7	76
71	Estrogen receptor-alpha and endothelial nitric oxide synthase nuclear complex regulates transcription of human telomerase. <i>Circulation Research</i> , <b>2008</b> , 103, 34-42	15.7	71
70	Signaling through estrogen receptors modulates telomerase activity in human prostate cancer. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 110, 219-227	15.9	68
69	Sirtuin function in aging heart and vessels. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 83, 55-61	5.8	67
68	NO sparks off chromatin: tales of a multifaceted epigenetic regulator. <i>Pharmacology &amp; Therapeutics</i> , <b>2009</b> , 123, 344-52	13.9	64
67	Telomerase mediates vascular endothelial growth factor-dependent responsiveness in a rat model of hind limb ischemia. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 14790-8	5.4	64
66	A nitric oxide-dependent cross-talk between class I and III histone deacetylases accelerates skin repair. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 11004-12	5.4	58
65	The histone acetylase activator pentadecyldenemalonate 1b rescues proliferation and differentiation in the human cardiac mesenchymal cells of type 2 diabetic patients. <i>Diabetes</i> , <b>2014</b> , 63, 2132-47	0.9	57
64	Expression of steroid receptor coactivator-1 mRNA in the developing mouse embryo: a possible role in olfactory epithelium development. <i>Endocrinology</i> , <b>1999</b> , 140, 1957-60	4.8	54

63	Establishment and genomic characterization of mouse xenografts of human primary prostate tumors. <i>American Journal of Pathology</i> , <b>2010</b> , 176, 1901-13	5.8	53
62	High telomerase activity in neutrophils from unstable coronary plaques. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 2369-74	15.1	52
61	Thyroid carcinoma in children and adolescents. <i>European Journal of Pediatrics</i> , <b>1997</b> , 156, 190-4	4.1	51
60	Identification of an aberrantly spliced form of HDMX in human tumors: a new mechanism for HDM2 stabilization. <i>Cancer Research</i> , <b>2005</b> , 65, 9687-94	10.1	48
59	Nitric oxide determines mesodermic differentiation of mouse embryonic stem cells by activating class IIa histone deacetylases: potential therapeutic implications in a mouse model of hindlimb ischemia. <i>Stem Cells</i> , <b>2010</b> , 28, 431-42	5.8	45
58	Wild-type but not mutant androgen receptor inhibits expression of the hTERT telomerase subunit: a novel role of AR mutation for prostate cancer development. <i>FASEB Journal</i> , <b>2008</b> , 22, 1258-67	0.9	45
57	MALAT1 and HOTAIR Long Non-Coding RNAs Play Opposite Role in Estrogen-Mediated Transcriptional Regulation in Prostate Cancer Cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 38414	4.9	43
56	The Dark That Matters: Long Non-coding RNAs as Master Regulators of Cellular Metabolism in Non-communicable Diseases. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 369	4.6	42
55	Estrogen induction and contact phase activation of human factor XII. <i>Steroids</i> , <b>1996</b> , 61, 270-6	2.8	38
54	Age-dependent increase of oxidative stress regulates microRNA-29 family preserving cardiac health. <i>Scientific Reports</i> , <b>2017</b> , 7, 16839	4.9	34
53	Histone deacetylase inhibitors: keeping momentum for neuromuscular and cardiovascular diseases treatment. <i>Pharmacological Research</i> , <b>2010</b> , 62, 3-10	10.2	33
52	Eketoglutarate dehydrogenase inhibition counteracts breast cancer-associated lung metastasis. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 756	9.8	32
51	Myc and Omomyc functionally associate with the Protein Arginine Methyltransferase 5 (PRMT5) in glioblastoma cells. <i>Scientific Reports</i> , <b>2015</b> , 5, 15494	4.9	32
50	Signaling through estrogen receptors modulates telomerase activity in human prostate cancer. <i>Journal of Clinical Investigation</i> , <b>2002</b> , 110, 219-27	15.9	32
49	C-Met/miR-130b axis as novel mechanism and biomarker for castration resistance state acquisition. <i>Oncogene</i> , <b>2017</b> , 36, 3718-3728	9.2	31
48	MDM4 (MDMX) overexpression enhances stabilization of stress-induced p53 and promotes apoptosis. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 8169-80	5.4	30
47	The telomerase tale in vascular aging: regulation by estrogens and nitric oxide signaling. <i>Journal of Applied Physiology</i> , <b>2009</b> , 106, 333-7	3.7	29
46	The epigenetic implication in coronavirus infection and therapy. <i>Clinical Epigenetics</i> , <b>2020</b> , 12, 156	7.7	29

45	Role of BRAFV600E in the first preclinical model of multifocal infiltrating myopericytoma development and microenvironment. <i>Journal of the National Cancer Institute</i> , <b>2014</b> , 106,	9.7	28
44	In vitro epigenetic reprogramming of human cardiac mesenchymal stromal cells into functionally competent cardiovascular precursors. <i>PLoS ONE</i> , <b>2012</b> , 7, e51694	3.7	28
43	P300/CBP associated factor regulates nitroglycerin-dependent arterial relaxation by N(ε)-lysine acetylation of contractile proteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2012</b> , 32, 2435-43	9.4	27
42	Detrimental effect of class-selective histone deacetylase inhibitors during tissue regeneration following hindlimb ischemia. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 22915-29	5.4	26
41	The nuclear pore protein Nup153 associates with chromatin and regulates cardiac gene expression in dystrophic mdx hearts. <i>Cardiovascular Research</i> , <b>2016</b> , 112, 555-567	9.9	26
40	Dual tumor suppressing and promoting function of Notch1 signaling in human prostate cancer. <i>Oncotarget</i> , <b>2016</b> , 7, 48011-48026	3.3	25
39	Smad-interacting protein-1 and microRNA 200 family define a nitric oxide-dependent molecular circuitry involved in embryonic stem cell mesendoderm differentiation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2011</b> , 31, 898-907	9.4	24
38	Stable Oxidative Cytosine Modifications Accumulate in Cardiac Mesenchymal Cells From Type2 Diabetes Patients: Rescue by βKetoglutarate and TET-TDG Functional Reactivation. <i>Circulation Research</i> , <b>2018</b> , 122, 31-46	15.7	23
37	Human chorionic villus mesenchymal stromal cells reveal strong endothelial conversion properties. <i>Differentiation</i> , <b>2012</b> , 83, 260-70	3.5	21
36	Human ASH-1 promotes neuroendocrine differentiation in androgen deprivation conditions and interferes with androgen responsiveness in prostate cancer cells. <i>Prostate</i> , <b>2013</b> , 73, 1241-9	4.2	21
35	Silencing of GSTP1, a prostate cancer prognostic gene, by the estrogen receptor-β and endothelial nitric oxide synthase complex. <i>Molecular Endocrinology</i> , <b>2011</b> , 25, 2003-16		21
34	NO points to epigenetics in vascular development. <i>Cardiovascular Research</i> , <b>2011</b> , 90, 447-56	9.9	20
33	Histone deacetylase inhibition enhances self renewal and cardioprotection by human cord blood-derived CD34 cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e22158	3.7	19
32	Axitinib exposure triggers endothelial cells senescence through ROS accumulation and ATM activation. <i>Oncogene</i> , <b>2019</b> , 38, 5413-5424	9.2	18
31	Estrogen-dependent dynamic profile of eNOS-DNA associations in prostate cancer. <i>PLoS ONE</i> , <b>2013</b> , 8, e62522	3.7	18
30	Maternal thyroid hormones are transcriptionally active during embryo-foetal development: results from a novel transgenic mouse model. <i>Journal of Cellular and Molecular Medicine</i> , <b>2010</b> , 14, 2417-35	5.6	17
29	Cytogenetic profiles as additional markers to pathological features in clinically localized prostate carcinoma. <i>Cancer Letters</i> , <b>2006</b> , 237, 76-82	9.9	17
28	Inhibition of ERalpha-mediated trans-activation of human coagulation factor XII gene by heteromeric transcription factor NF-Y. <i>Endocrinology</i> , <b>2001</b> , 142, 3380-8	4.8	17

27	Evidence for Biological Age Acceleration and Telomere Shortening in COVID-19 Survivors. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	17
26	Effects of Exogenous p53 Transduction in Thyroid Tumor Cells with Different p53 Status. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 302-308	5.6	16
25	Sildenafil normalizes MALAT1 level in diabetic cardiomyopathy. <i>Endocrine</i> , <b>2018</b> , 62, 259-262	4	15
24	Dual promoter usage as regulatory mechanism of let-7c expression in leukemic and solid tumors. <i>Molecular Cancer Research</i> , <b>2014</b> , 12, 878-89	6.6	14
23	Transcription Factor CREM Mediates High Glucose Response in Cardiomyocytes and in a Male Mouse Model of Prolonged Hyperglycemia. <i>Endocrinology</i> , <b>2017</b> , 158, 2391-2405	4.8	14
22	H19-Dependent Transcriptional Regulation of $\beta$ and $\alpha$ Integrins Upon Estrogen and Hypoxia Favors Metastatic Potential in Prostate Cancer. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	13
21	A basal level of DNA damage and telomere deprotection increases the sensitivity of cancer cells to G-quadruplex interactive compounds. <i>Nucleic Acids Research</i> , <b>2015</b> , 43, 1759-69	20.1	12
20	Epigenetic Signaling and RNA Regulation in Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	12
19	Genetic profile identification in clinically localized prostate carcinoma. <i>Urologic Oncology: Seminars and Original Investigations</i> , <b>2009</b> , 27, 502-8	2.8	11
18	Zeb1-Hdac2-eNOS circuitry identifies early cardiovascular precursors in naive mouse embryonic stem cells. <i>Nature Communications</i> , <b>2018</b> , 9, 1281	17.4	10
17	Nucleoporin 153 regulates estrogen-dependent nuclear translocation of endothelial nitric oxide synthase and estrogen receptor beta in prostate cancer. <i>Oncotarget</i> , <b>2018</b> , 9, 27985-27997	3.3	10
16	P300/CBP-associated factor regulates transcription and function of isocitrate dehydrogenase 2 during muscle differentiation. <i>FASEB Journal</i> , <b>2019</b> , 33, 4107-4123	0.9	10
15	The double life of cardiac mesenchymal cells: Epimetabolic sensors and therapeutic assets for heart regeneration. <i>Pharmacology &amp; Therapeutics</i> , <b>2017</b> , 171, 43-55	13.9	9
14	Gene Expression Signature Predictive of Neuroendocrine Transformation in Prostate Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
13	Metabolic Reprogramming by Malat1 Depletion in Prostate Cancer. <i>Cancers</i> , <b>2020</b> , 13,	6.6	6
12	Signaling through estrogen receptors modulates long non-coding RNAs in prostate cancer. <i>Molecular and Cellular Endocrinology</i> , <b>2020</b> , 511, 110864	4.4	5
11	EVIDENCE FOR BIOLOGICAL AGE ACCELERATION AND TELOMERE SHORTENING IN COVID19 SURVIVORS		5
10	Combined molecular and mathematical analysis of long noncoding RNAs expression in fine needle aspiration biopsies as novel tool for early diagnosis of thyroid cancer. <i>Endocrine</i> , <b>2021</b> , 72, 711-720	4	5

9	Establishment of a protocol to extend the lifespan of human hormone-secreting pituitary adenoma cells. <i>Endocrine</i> , <b>2018</b> , 59, 102-108	4	4
8	Anacardic acid and thyroid hormone enhance cardiomyocytes production from undifferentiated mouse ES cells along functionally distinct pathways. <i>Endocrine</i> , <b>2016</b> , 53, 681-8	4	4
7	The role of nuclear endothelial nitric oxide synthase in the endothelial and prostate microenvironments. <i>Hormone Molecular Biology and Clinical Investigation</i> , <b>2011</b> , 5, 91-6	1-3	4
6	Treating Senescence like Cancer: Novel Perspectives in Senotherapy of Chronic Diseases. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6-3	4
5	CPEB1 orchestrates a fine-tuning of miR-145-5p tumor-suppressive activity on TWIST1 translation in prostate cancer cells. <i>Oncotarget</i> , <b>2020</b> , 11, 4155-4168	3-3	3
4	Impact of different ChIP-Seq protocols on DNA integrity and quality of bioinformatics analysis results. <i>Briefings in Functional Genomics</i> , <b>2015</b> , 14, 156-62	4-9	2
3	Somatic Deletion in Exon 10 of Aryl Hydrocarbon Receptor Gene in Human GH-Secreting Pituitary Tumors. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 591039	5-7	2
2	Cytofluorometric analysis of lymphocyte subsets in thyroid aspirates from patients with autonomously functioning nodules. <i>Clinical Endocrinology</i> , <b>1990</b> , 32, 729-38	3-4	1
1	Transcriptional Regulation of Human Telomerase105-134		