

List of Publications by Citations

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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.

95 papers	2,626 citations	33 h-index	48 g-index
104 ext. papers	3,074 ext. citations	5.8 avg, IF	4.86 L-index

#	Paper	IF	Citations
95	Estrogen receptor mutations and changes in downstream gene expression and signaling. <i>Clinical Cancer Research</i> , <b>2010</b> , 16, 2702-8	12.9	118
94	Identification of bioactive constituents of Ziziphus jujube fruit extracts exerting antiproliferative and apoptotic effects in human breast cancer cells. <i>Journal of Ethnopharmacology</i> , <b>2012</b> , 140, 325-32	5	109
93	Obesity, Leptin and Breast Cancer: Epidemiological Evidence and Proposed Mechanisms. <i>Cancers</i> , <b>2019</b> , 11,	6.6	103
92	Leptin mediates tumor-stromal interactions that promote the invasive growth of breast cancer cells. <i>Cancer Research</i> , <b>2012</b> , 72, 1416-27	10.1	94
91	Omega-3 PUFA ethanolamides DHEA and EPEA induce autophagy through PPAR $\alpha$ activation in MCF-7 breast cancer cells. <i>Journal of Cellular Physiology</i> , <b>2013</b> , 228, 1314-22	7	93
90	Evidences that leptin up-regulates E-cadherin expression in breast cancer: effects on tumor growth and progression. <i>Cancer Research</i> , <b>2007</b> , 67, 3412-21	10.1	93
89	Evidence that leptin through STAT and CREB signaling enhances cyclin D1 expression and promotes human endometrial cancer proliferation. <i>Journal of Cellular Physiology</i> , <b>2009</b> , 218, 490-500	7	90
88	AR collaborates with ER $\alpha$ in aromatase inhibitor-resistant breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2014</b> , 147, 473-85	4.4	82
87	Human sperm express a functional androgen receptor: effects on PI3K/AKT pathway. <i>Human Reproduction</i> , <b>2007</b> , 22, 2594-605	5.7	75
86	Tamoxifen through GPER upregulates aromatase expression: a novel mechanism sustaining tamoxifen-resistant breast cancer cell growth. <i>Breast Cancer Research and Treatment</i> , <b>2014</b> , 146, 273-85	4.4	73
85	Rapid estradiol/ER $\alpha$ signaling enhances aromatase enzymatic activity in breast cancer cells. <i>Molecular Endocrinology</i> , <b>2009</b> , 23, 1634-45		69
84	Estrogen receptor beta as a novel target of androgen receptor action in breast cancer cell lines. <i>Breast Cancer Research</i> , <b>2014</b> , 16, R21	8.3	67
83	Leptin increases HER2 protein levels through a STAT3-mediated up-regulation of Hsp90 in breast cancer cells. <i>Molecular Oncology</i> , <b>2013</b> , 7, 379-91	7.9	58
82	Leptin as a mediator of tumor-stromal interactions promotes breast cancer stem cell activity. <i>Oncotarget</i> , <b>2016</b> , 7, 1262-75	3.3	58
81	Oldenlandia diffusa extracts exert antiproliferative and apoptotic effects on human breast cancer cells through ER $\alpha$ /Sp1-mediated p53 activation. <i>Journal of Cellular Physiology</i> , <b>2012</b> , 227, 3363-72	7	56
80	Farnesoid X receptor inhibits tamoxifen-resistant MCF-7 breast cancer cell growth through downregulation of HER2 expression. <i>Oncogene</i> , <b>2011</b> , 30, 4129-40	9.2	54
79	Expression of the K303R estrogen receptor-alpha breast cancer mutation induces resistance to an aromatase inhibitor via addiction to the PI3K/Akt kinase pathway. <i>Cancer Research</i> , <b>2009</b> , 69, 4724-32	10.1	54

78	The Multifaceted Mechanism of Leptin Signaling within Tumor Microenvironment in Driving Breast Cancer Growth and Progression. <i>Frontiers in Oncology</i> , <b>2014</b> , 4, 340	5.3	50
77	Omega-3 DHA- and EPA-dopamine conjugates induce PPAR $\alpha$ -dependent breast cancer cell death through autophagy and apoptosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2015</b> , 1850, 2185-95	4	45
76	Opposite effects of HIV-1 p17 variants on PTEN activation and cell growth in B cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e17831	3.7	44
75	Loss of Rho GDI $\alpha$ and resistance to tamoxifen via effects on estrogen receptor $\alpha$ . <i>Journal of the National Cancer Institute</i> , <b>2011</b> , 103, 538-52	9.7	44
74	A novel leptin antagonist peptide inhibits breast cancer growth in vitro and in vivo. <i>Journal of Cellular and Molecular Medicine</i> , <b>2015</b> , 19, 1122-32	5.6	42
73	Dicer-mediated upregulation of BCRP confers tamoxifen resistance in human breast cancer cells. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 6510-21	12.9	42
72	DAX-1, as an androgen-target gene, inhibits aromatase expression: a novel mechanism blocking estrogen-dependent breast cancer cell proliferation. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e724	9.8	41
71	Mutations in the estrogen receptor alpha hormone binding domain promote stem cell phenotype through notch activation in breast cancer cell lines. <i>Cancer Letters</i> , <b>2018</b> , 428, 12-20	9.9	40
70	Growth factor-induced resistance to tamoxifen is associated with a mutation of estrogen receptor alpha and its phosphorylation at serine 305. <i>Breast Cancer Research and Treatment</i> , <b>2010</b> , 119, 71-85	4.4	40
69	Expression and Function of Phosphodiesterase Type 5 in Human Breast Cancer Cell Lines and Tissues: Implications for Targeted Therapy. <i>Clinical Cancer Research</i> , <b>2016</b> , 22, 2271-82	12.9	39
68	Estrogens and PTP1B function in a novel pathway to regulate aromatase enzymatic activity in breast cancer cells. <i>Endocrinology</i> , <b>2012</b> , 153, 5157-66	4.8	39
67	Estrogen receptor beta binds Sp1 and recruits a corepressor complex to the estrogen receptor alpha gene promoter. <i>Breast Cancer Research and Treatment</i> , <b>2012</b> , 134, 569-81	4.4	38
66	The weight of obesity in breast cancer progression and metastasis: Clinical and molecular perspectives. <i>Seminars in Cancer Biology</i> , <b>2020</b> , 60, 274-284	12.7	38
65	Leptin, obesity and breast cancer: progress to understanding the molecular connections. <i>Current Opinion in Pharmacology</i> , <b>2016</b> , 31, 83-89	5.1	36
64	Progesterone receptor B recruits a repressor complex to a half-PRE site of the estrogen receptor alpha gene promoter. <i>Molecular Endocrinology</i> , <b>2009</b> , 23, 454-65		36
63	Activated FXR Inhibits Leptin Signaling and Counteracts Tumor-promoting Activities of Cancer-Associated Fibroblasts in Breast Malignancy. <i>Scientific Reports</i> , <b>2016</b> , 6, 21782	4.9	36
62	N-heterocyclic carbene complexes of silver and gold as novel tools against breast cancer progression. <i>Future Medicinal Chemistry</i> , <b>2016</b> , 8, 2213-2229	4.1	33
61	Metastasis tumor-associated protein 2 enhances metastatic behavior and is associated with poor outcomes in estrogen receptor-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2013</b> , 141, 375-384	4.4	33

60	Ligand-activated PPAR $\gamma$ downregulates CXCR4 gene expression through a novel identified PPAR response element and inhibits breast cancer progression. <i>Oncotarget</i> , <b>2016</b> , 7, 65109-65124	3.3	32
59	Phosphodiesterase type 5 and cancers: progress and challenges. <i>Oncotarget</i> , <b>2017</b> , 8, 99179-99202	3.3	28
58	Leptin Modulates Exosome Biogenesis in Breast Cancer Cells: An Additional Mechanism in Cell-to-Cell Communication. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	26
57	A Palladium-Catalyzed Carbonylation Approach to Eight-Membered Lactam Derivatives with Antitumor Activity. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3053-64	4.8	25
56	Inhibition of Leydig tumor growth by farnesoid X receptor activation: the in vitro and in vivo basis for a novel therapeutic strategy. <i>International Journal of Cancer</i> , <b>2013</b> , 132, 2237-47	7.5	23
55	Impact of Vigorous-Intensity Physical Activity on Body Composition Parameters, Lipid Profile Markers, and Irisin Levels in Adolescents: A Cross-Sectional Study. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	20
54	Modulating Tumor-Associated Macrophage Polarization by Synthetic and Natural PPAR $\gamma$ Ligands as a Potential Target in Breast Cancer. <i>Cells</i> , <b>2020</b> , 9,	7.9	20
53	Simian immunodeficiency virus and human immunodeficiency virus type 1 matrix proteins specify different capabilities to modulate B cell growth. <i>Journal of Virology</i> , <b>2014</b> , 88, 5706-17	6.6	20
52	Benzofuran-2-acetic ester derivatives induce apoptosis in breast cancer cells by upregulating p21 gene expression in p53-independent manner. <i>DNA Repair</i> , <b>2017</b> , 51, 20-30	4.3	18
51	Fas ligand expression in TM4 Sertoli cells is enhanced by estradiol "in situ" production. <i>Journal of Cellular Physiology</i> , <b>2007</b> , 211, 448-56	7	17
50	The Biology of Exosomes in Breast Cancer Progression: Dissemination, Immune Evasion and Metastatic Colonization. <i>Cancers</i> , <b>2020</b> , 12,	6.6	17
49	Mechanisms of divergent effects of activated peroxisome proliferator-activated receptor- $\gamma$ on mitochondrial citrate carrier expression in 3T3-L1 fibroblasts and mature adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2013</b> , 1831, 1027-36	5	16
48	The Role of PPAR $\gamma$ Ligands in Breast Cancer: From Basic Research to Clinical Studies. <i>Cancers</i> , <b>2020</b> , 12,	6.6	16
47	Evidence for Enhanced Exosome Production in Aromatase Inhibitor-Resistant Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	16
46	Activation of Farnesoid X Receptor impairs the tumor-promoting function of breast cancer-associated fibroblasts. <i>Cancer Letters</i> , <b>2018</b> , 437, 89-99	9.9	16
45	Phosphodiesterase 5 (PDE5) Is Highly Expressed in Cancer-Associated Fibroblasts and Enhances Breast Tumor Progression. <i>Cancers</i> , <b>2019</b> , 11,	6.6	15
44	Androgens inhibit aromatase expression through DAX-1: insights into the molecular link between hormone balance and Leydig cancer development. <i>Endocrinology</i> , <b>2015</b> , 156, 1251-62	4.8	14
43	Therapeutic potential of leptin receptor modulators. <i>European Journal of Medicinal Chemistry</i> , <b>2014</b> , 78, 97-105	6.8	14

42	Glucocorticoid Receptor as a Potential Target to Decrease Aromatase Expression and Inhibit Leydig Tumor Growth. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 1328-39	5.8	13
41	-3 Polyunsaturated Fatty Acid Amides: New Avenues in the Prevention and Treatment of Breast Cancer. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	13
40	Adherence to the Mediterranean diet pattern among university staff: a cross-sectional web-based epidemiological study in Southern Italy. <i>International Journal of Food Sciences and Nutrition</i> , <b>2020</b> , 71, 581-592	3.7	12
39	Leptin Signaling Contributes to Aromatase Inhibitor Resistant Breast Cancer Cell Growth and Activation of Macrophages. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	11
38	Identification of novel 2-(1H-indol-1-yl)-benzohydrazides CXCR4 ligands impairing breast cancer growth and motility. <i>Future Medicinal Chemistry</i> , <b>2016</b> , 8, 93-106	4.1	11
37	Conditional expression of Ki-Ras in the mammary epithelium of transgenic mice induces estrogen receptor alpha (ER) $\alpha$ -positive adenocarcinoma. <i>Oncogene</i> , <b>2017</b> , 36, 6420-6431	9.2	11
36	Impact of R264C and R264H polymorphisms in human aromatase function. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 167, 23-32	5.1	11
35	Nanoparticles Loaded with the BET Inhibitor JQ1 Block the Growth of Triple Negative Breast Cancer Cells In Vitro and In Vivo. <i>Cancers</i> , <b>2019</b> , 12,	6.6	11
34	Natural and Synthetic PPAR $\gamma$ Ligands in Tumor Microenvironment: A New Potential Strategy against Breast Cancer. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	9
33	Knockdown of Leptin Receptor Affects Macrophage Phenotype in the Tumor Microenvironment Inhibiting Breast Cancer Growth and Progression. <i>Cancers</i> , <b>2020</b> , 12,	6.6	9
32	Effect of sildenafil on human aromatase activity: From in vitro structural analysis to catalysis and inhibition in cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 165, 438-447	5.1	8
31	Potential Antioxidant and Anti-Inflammatory Properties of Serum from Healthy Adolescents with Optimal Mediterranean Diet Adherence: Findings from DIMENU Cross-Sectional Study. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	8
30	Nutrition Education Program and Physical Activity Improve the Adherence to the Mediterranean Diet: Impact on Inflammatory Biomarker Levels in Healthy Adolescents From the DIMENU Longitudinal Study. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 685247	6.2	8
29	Monitoring the effects of iodine prophylaxis in the adult population of southern Italy with deficient and sufficient iodine intake levels: a cross-sectional, epidemiological study. <i>British Journal of Nutrition</i> , <b>2017</b> , 117, 170-175	3.6	7
28	Endemic Goiter and Iodine Prophylaxis in Calabria, a Region of Southern Italy: Past and Present. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	7
27	Phosphodiesterase Type 5 as a Candidate Therapeutic Target in Cancers. <i>Current Pathobiology Reports</i> , <b>2015</b> , 3, 193-201	2	7
26	Leptin Receptor as a Potential Target to Inhibit Human Testicular Seminoma Growth. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 687-698	5.8	7
25	Nutraceuticals in the Mediterranean Diet: Potential Avenues for Breast Cancer Treatment. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	7

24	-Eicosapentaenoyl Dopamine, A Conjugate of Dopamine and Eicosapentaenoic Acid (EPA), Exerts Anti-inflammatory Properties in Mouse and Human Macrophages. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	6
23	Leptin and Notch Signaling Cooperate in Sustaining Glioblastoma Multiforme Progression. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	6
22	Phosphorylation Processes Controlling Aromatase Activity in Breast Cancer: An Update. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2016</b> , 16, 691-8	3.2	5
21	Structural, Thermodynamic, and Kinetic Traits of Antiestrogen-Compounds Selectively Targeting the Y537S Mutant Estrogen Receptor $\square$ Transcriptional Activity in Breast Cancer Cell Lines. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 602	5	4
20	HIV-1 matrix protein p17 and its variants promote human triple negative breast cancer cell aggressiveness. <i>Infectious Agents and Cancer</i> , <b>2017</b> , 12, 49	3.5	4
19	The Emerging Role of Extracellular Vesicles in Endocrine Resistant Breast Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	4
18	Adipocyte-derived extracellular vesicles promote breast cancer cell malignancy through HIF-1 $\square$ activity. <i>Cancer Letters</i> , <b>2021</b> , 521, 155-168	9.9	4
17	Impact of Mediterranean Diet Food Choices and Physical Activity on Serum Metabolic Profile in Healthy Adolescents: Findings from the DIMENU Project.. <i>Nutrients</i> , <b>2022</b> , 14,	6.7	2
16	Obesity and Breast Cancer: Unraveling the Role of Adipocyte-Derived Exosomes. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	1
15	FoxO3a Inhibits Tamoxifen-Resistant Breast Cancer Progression by Inducing Integrin $\beta$ Expression.. <i>Cancers</i> , <b>2022</b> , 14,	6.6	1
14	Rapid estrogen effects on aromatase phosphorylation in breast cancer cells. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1204, 155-63	1.4	1
13	Obesity and endocrine therapy resistance in breast cancer: Mechanistic insights and perspectives. <i>Obesity Reviews</i> , <b>2021</b> , e13358	10.6	0
12	222 HIV-1 p17 Activates PTEN and Inhibits Akt Signaling Pathway in B Cells: Evidence for a Variant with Different Effects on Signaling and Cell Growth. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2011</b> , 56, 96	3.1	
11	Evidences that leptin upregulates E-cadherin expression in breast cancer: effects on tumor growth and progression. <i>FASEB Journal</i> , <b>2007</b> , 21, A77	0.9	
10	Leptin Modulates Exosome Biogenesis in Breast Cancer Cells: an Additional Mechanism in Cell-to-Cell Communication. <i>FASEB Journal</i> , <b>2018</b> , 32, 151.5	0.9	
9	The inhibition of AGTR1 and Aromatase as a new potential therapeutic strategy for Glioblastoma treatment.. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
8	Estrogen Receptor-Positive Breast Cancer Cells Drive CAFs to Secrete Leptin and Support Tumor Invasiveness. <i>FASEB Journal</i> , <b>2012</b> , 26, 142.7	0.9	
7	Modulatory role of Peroxisome Proliferator-Activated Receptor $\square$ on Citrate Carrier activity and expression. <i>FASEB Journal</i> , <b>2012</b> , 26, 1034.9	0.9	

6	Leptin Increases HER2 Stability through HSP90 in Breast Cancer Cells. <i>FASEB Journal</i> , <b>2012</b> , 26, 834.3	0.9
5	A novel interplay between AR and DAX-1 controls aromatase expression in estrogen-dependent cancers. <i>FASEB Journal</i> , <b>2013</b> , 27, 471.6	0.9
4	Collaboration of AR and ER $\alpha$ in conferring resistance to an aromatase inhibitor.. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 579-579	2.2
3	Abstract P5-12-07: Proteomic profiling of extracellular vesicles released from leptin-treated breast cancer cells: A potential role in cancer metabolism. <i>Cancer Research</i> , <b>2022</b> , 82, P5-12-07-P5-12-07	10.1
2	Abstract P4-02-14: Breast cancer cell/adipocyte crosstalk in obesity hampers the efficacy of tamoxifen. <i>Cancer Research</i> , <b>2022</b> , 82, P4-02-14-P4-02-14	10.1
1	LPL, FNDC5 and PPAR $\gamma$ gene polymorphisms related to body composition parameters and lipid metabolic profile in adolescents from Southern Italy.. <i>Journal of Translational Medicine</i> , <b>2022</b> , 20, 107	8.5