

# Luca Gelsomino

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,149  
citations

361413

20  
h-index

414414

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity, Leptin and Breast Cancer: Epidemiological Evidence and Proposed Mechanisms. <i>Cancers</i> , 2019, 11, 62.	3.7	157
2	Leptin Mediates Tumor-Stromal Interactions That Promote the Invasive Growth of Breast Cancer Cells. <i>Cancer Research</i> , 2012, 72, 1416-1427.	0.9	105
3	ESR1 mutations affect anti-proliferative responses to tamoxifen through enhanced cross-talk with IGF signaling. <i>Breast Cancer Research and Treatment</i> , 2016, 157, 253-265.	2.5	71
4	<i>Oldenlandia diffusa</i> extracts exert antiproliferative and apoptotic effects on human breast cancer cells through ER $\alpha$ /Sp1-mediated p53 activation. <i>Journal of Cellular Physiology</i> , 2012, 227, 3363-3372.	4.1	68
5	A novel leptin antagonist peptide inhibits breast cancer growth <i>in vitro</i> and <i>in vivo</i> . <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1122-1132.	3.6	53
6	Activated FXR Inhibits Leptin Signaling and Counteracts Tumor-promoting Activities of Cancer-Associated Fibroblasts in Breast Malignancy. <i>Scientific Reports</i> , 2016, 6, 21782.	3.3	47
7	Androgen receptor promotes tamoxifen agonist activity by activation of EGFR in ER $\alpha$ -positive breast cancer. <i>Breast Cancer Research and Treatment</i> , 2015, 154, 225-237.	2.5	45
8	Leptin Modulates Exosome Biogenesis in Breast Cancer Cells: An Additional Mechanism in Cell-to-Cell Communication. <i>Journal of Clinical Medicine</i> , 2019, 8, 1027.	2.4	45
9	Uncoupling effects of estrogen receptor $\alpha$ on LKB1/AMPK interaction upon adiponectin exposure in breast cancer. <i>FASEB Journal</i> , 2018, 32, 4343-4355.	0.5	43
10	The Emerging Role of Adiponectin in Female Malignancies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2127.	4.1	43
11	The Biology of Exosomes in Breast Cancer Progression: Dissemination, Immune Evasion and Metastatic Colonization. <i>Cancers</i> , 2020, 12, 2179.	3.7	43
12	Modulating Tumor-Associated Macrophage Polarization by Synthetic and Natural PPAR $\gamma$ Ligands as a Potential Target in Breast Cancer. <i>Cells</i> , 2020, 9, 174.	4.1	43
13	The Role of PPAR $\gamma$ Ligands in Breast Cancer: From Basic Research to Clinical Studies. <i>Cancers</i> , 2020, 12, 2623.	3.7	36
14	Targeting thyroid hormone receptor beta in triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2015, 150, 535-545.	2.5	31
15	Interfering Role of ER $\alpha$ on Adiponectin Action in Breast Cancer. <i>Frontiers in Endocrinology</i> , 2020, 11, 66.	3.5	30
16	Leptin Signaling Contributes to Aromatase Inhibitor Resistant Breast Cancer Cell Growth and Activation of Macrophages. <i>Biomolecules</i> , 2020, 10, 543.	4.0	28
17	Activation of Farnesoid X Receptor impairs the tumor-promoting function of breast cancer-associated fibroblasts. <i>Cancer Letters</i> , 2018, 437, 89-99.	7.2	27
18	Adipocyte-derived extracellular vesicles promote breast cancer cell malignancy through HIF-1 $\alpha$ activity. <i>Cancer Letters</i> , 2021, 521, 155-168.	7.2	27

#	ARTICLE	IF	CITATIONS
19	Phosphodiesterase 5 (PDE5) Is Highly Expressed in Cancer-Associated Fibroblasts and Enhances Breast Tumor Progression. <i>Cancers</i> , 2019, 11, 1740.	3.7	26
20	Evidence for Enhanced Exosome Production in Aromatase Inhibitor-Resistant Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5841.	4.1	22
21	Hormonal modulation of ESR1 mutant metastasis. <i>Oncogene</i> , 2021, 40, 997-1011.	5.9	22
22	Obesity and endocrine therapy resistance in breast cancer: Mechanistic insights and perspectives. <i>Obesity Reviews</i> , 2022, 23, e13358.	6.5	20
23	Knockdown of Leptin Receptor Affects Macrophage Phenotype in the Tumor Microenvironment Inhibiting Breast Cancer Growth and Progression. <i>Cancers</i> , 2020, 12, 2078.	3.7	19
24	Novel insights into adiponectin action in breast cancer: Evidence of its mechanistic effects mediated by ER $\alpha$ expression. <i>Obesity Reviews</i> , 2020, 21, e13004.	6.5	17
25	Glucocorticoid Receptor as a Potential Target to Decrease Aromatase Expression and Inhibit Leydig Tumor Growth. <i>American Journal of Pathology</i> , 2016, 186, 1328-1339.	3.8	16
26	Natural and Synthetic PPAR $\gamma$ Ligands in Tumor Microenvironment: A New Potential Strategy against Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9721.	4.1	15
27	Leptin and Notch Signaling Cooperate in Sustaining Glioblastoma Multiforme Progression. <i>Biomolecules</i> , 2020, 10, 886.	4.0	14
28	Leptin Receptor as a Potential Target to Inhibit Human Testicular Seminoma Growth. <i>American Journal of Pathology</i> , 2019, 189, 687-698.	3.8	13
29	The Emerging Role of Extracellular Vesicles in Endocrine Resistant Breast Cancer. <i>Cancers</i> , 2021, 13, 1160.	3.7	10
30	Structural, Thermodynamic, and Kinetic Traits of Antiestrogen-Compounds Selectively Targeting the Y537S Mutant Estrogen Receptor $\alpha$ Transcriptional Activity in Breast Cancer Cell Lines. <i>Frontiers in Chemistry</i> , 2019, 7, 602.	3.6	6
31	Novel Insights into the Antagonistic Effects of Losartan against Angiotensin II/AGTR1 Signaling in Glioblastoma Cells. <i>Cancers</i> , 2021, 13, 4555.	3.7	4
32	Estrogen Receptor $\alpha$ -Positive Breast Cancer Cells Drive CAFs to Secrete Leptin and Support Tumor Invasiveness. <i>FASEB Journal</i> , 2012, 26, 142.7.	0.5	0
33	Leptin Modulates Exosome Biogenesis in Breast Cancer Cells: an Additional Mechanism in Cell-Cell Communication. <i>FASEB Journal</i> , 2018, 32, 151.5.	0.5	0
34	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> , 2022, 82, P5-12-07-P5-12-07.	0.9	0
35	Abstract P4-02-14: Breast cancer cell/adipocyte crosstalk in obesity hampers the efficacy of tamoxifen. <i>Cancer Research</i> , 2022, 82, P4-02-14-P4-02-14.	0.9	0