

# Ines Barone

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

3,497  
citations

87888

38  
h-index

155660

55  
g-index

104  
all docs

104  
docs citations

104  
times ranked

4909  
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	Estrogen Receptor Mutations and Changes in Downstream Gene Expression and Signaling. <i>Clinical Cancer Research</i> , 2010, 16, 2702-2708.	7.0	135
3	Identification of bioactive constituents of <i>Ziziphus jujube</i> fruit extracts exerting antiproliferative and apoptotic effects in human breast cancer cells. <i>Journal of Ethnopharmacology</i> , 2012, 140, 325-332.	4.1	131
4	Omega-3 PUFA ethanolamides DHEA and EPEA induce autophagy through PPAR $\beta$ activation in MCF-7 breast cancer cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 1314-1322.	4.1	107
5	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
6	Evidences that Leptin Up-regulates E-Cadherin Expression in Breast Cancer: Effects on Tumor Growth and Progression. <i>Cancer Research</i> , 2007, 67, 3412-3421.	0.9	101
7	Evidence that leptin through STAT and CREB signaling enhances cyclin D1 expression and promotes human endometrial cancer proliferation. <i>Journal of Cellular Physiology</i> , 2009, 218, 490-500.	4.1	99
8	AR collaborates with ER $\alpha$ in aromatase inhibitor-resistant breast cancer. <i>Breast Cancer Research and Treatment</i> , 2014, 147, 473-485.	2.5	97
9	Tamoxifen through GPER upregulates aromatase expression: a novel mechanism sustaining tamoxifen-resistant breast cancer cell growth. <i>Breast Cancer Research and Treatment</i> , 2014, 146, 273-285.	2.5	87
10	Estrogen receptor beta as a novel target of androgen receptor action in breast cancer cell lines. <i>Breast Cancer Research</i> , 2014, 16, R21.	5.0	86
11	The weight of obesity in breast cancer progression and metastasis: Clinical and molecular perspectives. <i>Seminars in Cancer Biology</i> , 2020, 60, 274-284.	9.6	83
12	Human sperm express a functional androgen receptor: effects on PI3K/AKT pathway. <i>Human Reproduction</i> , 2007, 22, 2594-2605.	0.9	81
13	Rapid Estradiol/ER $\alpha$ Signaling Enhances Aromatase Enzymatic Activity in Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2009, 23, 1634-1645.	3.7	75
14	Leptin as a mediator of tumor-stromal interactions promotes breast cancer stem cell activity. <i>Oncotarget</i> , 2016, 7, 1262-1275.	1.8	74
15	Leptin increases HER2 protein levels through a STAT3-mediated up-regulation of Hsp90 in breast cancer cells. <i>Molecular Oncology</i> , 2013, 7, 379-391.	4.6	69
16	<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
17	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> , 2009, 69, 4724-4732.	0.9	62
18	The Multifaceted Mechanism of Leptin Signaling within Tumor Microenvironment in Driving Breast Cancer Growth and Progression. <i>Frontiers in Oncology</i> , 2014, 4, 340.	2.8	62

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19	Omega-3 DHA- and EPA- $\alpha$ -dopamine conjugates induce PPAR $\gamma$ -dependent breast cancer cell death through autophagy and apoptosis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 2185-2195.	2.4	61
20	Farnesoid X receptor inhibits tamoxifen-resistant MCF-7 breast cancer cell growth through downregulation of HER2 expression. <i>Oncogene</i> , 2011, 30, 4129-4140.	5.9	58
21	Expression and Function of Phosphodiesterase Type 5 in Human Breast Cancer Cell Lines and Tissues: Implications for Targeted Therapy. <i>Clinical Cancer Research</i> , 2016, 22, 2271-2282.	7.0	55
22	Leptin, obesity and breast cancer: progress to understanding the molecular connections. <i>Current Opinion in Pharmacology</i> , 2016, 31, 83-89.	3.5	54
23	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> , 2018, 428, 12-20.	7.2	54
24	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> , 2013, 4, e724-e724.	6.3	53
25	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
26	Estrogen receptor beta binds Sp1 and recruits a corepressor complex to the estrogen receptor alpha gene promoter. <i>Breast Cancer Research and Treatment</i> , 2012, 134, 569-581.	2.5	51
27	<i>N</i> -heterocyclic carbene complexes of silver and gold as novel tools against breast cancer progression. <i>Future Medicinal Chemistry</i> , 2016, 8, 2213-2229.	2.3	49
28	Ligand-activated PPAR $\gamma$ downregulates CXCR4 gene expression through a novel identified PPAR response element and inhibits breast cancer progression. <i>Oncotarget</i> , 2016, 7, 65109-65124.	1.8	49
29	Opposite Effects of HIV-1 p17 Variants on PTEN Activation and Cell Growth in B Cells. <i>PLoS ONE</i> , 2011, 6, e17831.	2.5	47
30	Dicer-Mediated Upregulation of BCRP Confers Tamoxifen Resistance in Human Breast Cancer Cells. <i>Clinical Cancer Research</i> , 2011, 17, 6510-6521.	7.0	47
31	Loss of Rho GDI $\pm$ and Resistance to Tamoxifen via Effects on Estrogen Receptor $\hat{\pm}$ . <i>Journal of the National Cancer Institute</i> , 2011, 103, 538-552.	6.3	47
32	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
33	Growth factor-induced resistance to tamoxifen is associated with a mutation of estrogen receptor $\hat{\pm}$ and its phosphorylation at serine 305. <i>Breast Cancer Research and Treatment</i> , 2010, 119, 71-85.	2.5	45
34	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
35	Estrogens and PTP1B Function in a Novel Pathway to Regulate Aromatase Enzymatic Activity in Breast Cancer Cells. <i>Endocrinology</i> , 2012, 153, 5157-5166.	2.8	43
36	The Biology of Exosomes in Breast Cancer Progression: Dissemination, Immune Evasion and Metastatic Colonization. <i>Cancers</i> , 2020, 12, 2179.	3.7	43

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37	Modulating Tumor-Associated Macrophage Polarization by Synthetic and Natural PPAR $\beta$ Ligands as a Potential Target in Breast Cancer. <i>Cells</i> , 2020, 9, 174.	4.1	43
38	Phosphodiesterase type 5 and cancers: progress and challenges. <i>Oncotarget</i> , 2017, 8, 99179-99202.	1.8	42
39	Progesterone Receptor B Recruits a Repressor Complex to a Half-PRE Site of the Estrogen Receptor $\beta$ Gene Promoter. <i>Molecular Endocrinology</i> , 2009, 23, 454-465.	3.7	40
40	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> , 2013, 141, 375-384.	2.5	38
41	The Role of PPAR $\beta$ Ligands in Breast Cancer: From Basic Research to Clinical Studies. <i>Cancers</i> , 2020, 12, 2623.	3.7	36
42	A Palladium-Catalyzed Carbonylation Approach to Eight-Membered Lactam Derivatives with Antitumor Activity. <i>Chemistry - A European Journal</i> , 2016, 22, 3053-3064.	3.3	34
43	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> , 2020, 12, 742.	4.1	33
44	n-3 Polyunsaturated Fatty Acid Amides: New Avenues in the Prevention and Treatment of Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2279.	4.1	30
45	Leptin Signaling Contributes to Aromatase Inhibitor Resistant Breast Cancer Cell Growth and Activation of Macrophages. <i>Biomolecules</i> , 2020, 10, 543.	4.0	28
46	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
47	Nutraceuticals in the Mediterranean Diet: Potential Avenues for Breast Cancer Treatment. <i>Nutrients</i> , 2021, 13, 2557.	4.1	27
48	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
49	Inhibition of leydig tumor growth by farnesoid X receptor activation: The <i>in vitro</i> and <i>in vivo</i> basis for a novel therapeutic strategy. <i>International Journal of Cancer</i> , 2013, 132, 2237-2247.	5.1	26
50	Phosphodiesterase 5 (PDE5) Is Highly Expressed in Cancer-Associated Fibroblasts and Enhances Breast Tumor Progression. <i>Cancers</i> , 2019, 11, 1740.	3.7	26
51	Simian Immunodeficiency Virus and Human Immunodeficiency Virus Type 1 Matrix Proteins Specify Different Capabilities To Modulate B Cell Growth. <i>Journal of Virology</i> , 2014, 88, 5706-5717.	3.4	23
52	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> , 2020, 71, 581-592.	2.8	23
53	Benzofuran-2-acetic ester derivatives induce apoptosis in breast cancer cells by upregulating p21 Cip/WAF1 gene expression in p53-independent manner. <i>DNA Repair</i> , 2017, 51, 20-30.	2.8	22
54	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

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55	Androgens Inhibit Aromatase Expression Through DAX-1: Insights Into the Molecular Link Between Hormone Balance and Leydig Cancer Development. <i>Endocrinology</i> , 2015, 156, 1251-1262.	2.8	20
56	Obesity and endocrine therapy resistance in breast cancer: Mechanistic insights and perspectives. <i>Obesity Reviews</i> , 2022, 23, e13358.	6.5	20
57	Fas ligand expression in TM4 sertoli cells is enhanced by estradiol $\alpha$ -production. <i>Journal of Cellular Physiology</i> , 2007, 211, 448-456.	4.1	19
58	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
59	Mechanisms of divergent effects of activated peroxisome proliferator-activated receptor- $\beta$ on mitochondrial citrate carrier expression in 3T3-L1 fibroblasts and mature adipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013, 1831, 1027-1036.	2.4	18
60	Impact of R264C and R264H polymorphisms in human aromatase function. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 167, 23-32.	2.5	18
61	Nanoparticles Loaded with the BET Inhibitor JQ1 Block the Growth of Triple Negative Breast Cancer Cells In Vitro and In Vivo. <i>Cancers</i> , 2020, 12, 91.	3.7	18
62	Therapeutic potential of leptin receptor modulators. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 97-105.	5.5	17
63	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> , 2021, 10, 1172.	5.1	17
64	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
65	Natural and Synthetic PPAR $\beta$ Ligands in Tumor Microenvironment: A New Potential Strategy against Breast Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9721.	4.1	15
66	Leptin and Notch Signaling Cooperate in Sustaining Glioblastoma Multiforme Progression. <i>Biomolecules</i> , 2020, 10, 886.	4.0	14
67	Conditional expression of Ki-RasG12V in the mammary epithelium of transgenic mice induces estrogen receptor alpha (ER $\alpha$ )-positive adenocarcinoma. <i>Oncogene</i> , 2017, 36, 6420-6431.	5.9	13
68	Endemic Goiter and Iodine Prophylaxis in Calabria, a Region of Southern Italy: Past and Present. <i>Nutrients</i> , 2019, 11, 2428.	4.1	13
69	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
70	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> , 2021, 8, 685247.	3.7	13
71	N-Eicosapentaenoyl Dopamine, A Conjugate of Dopamine and Eicosapentaenoic Acid (EPA), Exerts Anti-inflammatory Properties in Mouse and Human Macrophages. <i>Nutrients</i> , 2019, 11, 2247.	4.1	12
72	Identification of novel 2-(1 <i>H</i> -indol-1-yl)-benzohydrazides CXCR4 ligands impairing breast cancer growth and motility. <i>Future Medicinal Chemistry</i> , 2016, 8, 93-106.	2.3	11

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73	The Emerging Role of Extracellular Vesicles in Endocrine Resistant Breast Cancer. <i>Cancers</i> , 2021, 13, 1160.	3.7	10
74	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> , 2017, 165, 438-447.	2.5	9
75	HIV-1 matrix protein p17 and its variants promote human triple negative breast cancer cell aggressiveness. <i>Infectious Agents and Cancer</i> , 2017, 12, 49.	2.6	9
76	Phosphodiesterase Type 5 as a Candidate Therapeutic Target in Cancers. <i>Current Pathobiology Reports</i> , 2015, 3, 193-201.	3.4	8
77	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> , 2017, 117, 170-175.	2.3	8
78	Impact of Mediterranean Diet Food Choices and Physical Activity on Serum Metabolic Profile in Healthy Adolescents: Findings from the DIMENU Project. <i>Nutrients</i> , 2022, 14, 881.	4.1	8
79	Structural, Thermodynamic, and Kinetic Traits of Antiestrogen-Compounds Selectively Targeting the Y537S Mutant Estrogen Receptor $\hat{\pm}$ Transcriptional Activity in Breast Cancer Cell Lines. <i>Frontiers in Chemistry</i> , 2019, 7, 602.	3.6	6
80	Phosphorylation Processes Controlling Aromatase Activity in Breast Cancer: An Update. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 691-698.	2.4	6
81	FoxO3a Inhibits Tamoxifen-Resistant Breast Cancer Progression by Inducing Integrin $\hat{\pm}$ Expression. <i>Cancers</i> , 2022, 14, 214.	3.7	5
82	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
83	LPL, FNDC5 and PPAR $\hat{\gamma}$ gene polymorphisms related to body composition parameters and lipid metabolic profile in adolescents from Southern Italy. <i>Journal of Translational Medicine</i> , 2022, 20, 107.	4.4	4
84	Leptin and Beyond: Actors in Cancer. <i>Biomolecules</i> , 2021, 11, 1836.	4.0	3
85	Obesity and Breast Cancer: Unraveling the Role of Adipocyte-Derived Exosomes. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	2
86	Rapid Estrogen Effects on Aromatase Phosphorylation in Breast Cancer Cells. <i>Methods in Molecular Biology</i> , 2014, 1204, 155-163.	0.9	1
87	Abstract P6-01-22: PDE5 as a novel biomarker and a potential therapeutic target for breast cancer. <i>Cancer Research</i> , 2015, 75, P6-01-22-P6-01-22.	0.9	1
88	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</i> (1999), 2011, 56, 96.	2.1	0
89	Evidences that leptin upregulates E-cadherin expression in breast cancer: effects on tumor growth and progression. <i>FASEB Journal</i> , 2007, 21, A77.	0.5	0
90	Abstract 940: AR overexpression confers resistance to an aromatase inhibitor in ER $\hat{\pm}$ -positive breast cancer cells. , 2011, , .		0

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91	Abstract 2280: Increased activity of the Rho family of proteins results in a tamoxifen-resistant phenotype in ER $\pm$ -positive breast cancer cells. , 2011, , .		0
92	May Tumor Microenvironment Cooperate with a Mutant ER $\pm$ To Promote Breast Cancer Progression?. , 2011, , P2-89-P2-89.		0
93	Estrogen Receptor $\pm$ Positive Breast Cancer Cells Drive CAFs to Secrete Leptin and Support Tumor Invasiveness. FASEB Journal, 2012, 26, 142.7.	0.5	0
94	Modulatory role of Peroxisome Proliferator $\pm$ Activated Receptor $\hat{1}^3$ on Citrate Carrier activity and expression. FASEB Journal, 2012, 26, 1034.9.	0.5	0
95	Leptin Increases HER2 Stability through HSP90 in Breast Cancer Cells. FASEB Journal, 2012, 26, 834.3.	0.5	0
96	A novel interplay between AR and DAX $\pm$ controls aromatase expression in estrogen $\pm$ dependent cancers. FASEB Journal, 2013, 27, 471.6.	0.5	0
97	Collaboration of AR and ER $\pm$ in conferring resistance to an aromatase inhibitor.. Journal of Clinical Oncology, 2013, 31, 579-579.	1.6	0
98	Leptin Modulates Exosome Biogenesis in Breast Cancer Cells: an Additional Mechanism in Cell $\pm$ to $\pm$ Cell Communication. FASEB Journal, 2018, 32, 151.5.	0.5	0
99	The inhibition of AGTR1 and Aromatase as a new potential therapeutic strategy for Glioblastoma treatment.. FASEB Journal, 2020, 34, 1-1.	0.5	0
100	Abstract P6-06-11: The inhibition of leptin receptor impairs macrophage recruitment in the tumor microenvironment blocking breast cancer growth and progression. , 2020, , .		0
101	Abstract P5-12-07: Proteomic profiling of extracellular vesicles released from leptin-treated breast cancer cells: A potential role in cancer metabolism. Cancer Research, 2022, 82, P5-12-07-P5-12-07.	0.9	0
102	Abstract P4-02-14: Breast cancer cell/adipocyte crosstalk in obesity hampers the efficacy of tamoxifen. Cancer Research, 2022, 82, P4-02-14-P4-02-14.	0.9	0