

# Marilena Lanzino

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,910  
citations

236925  
25  
h-index

254184  
43  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2918  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Omega-3 PUFA ethanolamides DHEA and EPEA induce autophagy through PPAR $\gamma$ activation in MCF-7 breast cancer cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 1314-1322.  | 4.1  | 107       |
| 2  | 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        |
| 3  | 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        |
| 4  | 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        |
| 5  | Human sperm express a functional androgen receptor: effects on PI3K/AKT pathway. <i>Human Reproduction</i> , 2007, 22, 2594-2605.   | 0.9  | 81        |
| 6  | Endogenous Coactivator ARA70 Interacts with Estrogen Receptor $\alpha$ (ER $\alpha$ ) and Modulates the Functional ER $\alpha$ /Androgen Receptor Interplay in MCF-7 Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 20421-20430.                                    | 3.4  | 79        |
| 7  | Inhibition of cyclin D1 expression by androgen receptor in breast cancer cells—identification of a novel androgen response element. <i>Nucleic Acids Research</i> , 2010, 38, 5351-5365.  | 14.5 | 78        |
| 8  | Leptin as a mediator of tumor-stromal interactions promotes breast cancer stem cell activity. <i>Oncotarget</i> , 2016, 7, 1262-1275.   | 1.8  | 74        |
| 9  | Interaction Between Estrogen Receptor Alpha and Insulin/IGF Signaling in Breast Cancer. <i>Current Cancer Drug Targets</i> , 2008, 8, 597-610.  | 1.6  | 70        |
| 10 | The estrogen receptor $\alpha$ is the key regulator of the bifunctional role of FoxO3a transcription factor in breast cancer motility and invasiveness. <i>Cell Cycle</i> , 2013, 12, 3405-3420.  | 2.6  | 70        |
| 11 | 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        |
| 12 | Chenodeoxycholic acid through a TGR5-dependent CREB signaling activation enhances Cyclin D1 expression and promotes human endometrial cancer cell proliferation. <i>Cell Cycle</i> , 2012, 11, 2699-2710.   | 2.6  | 66        |
| 13 | A cross-talk between the androgen receptor and the epidermal growth factor receptor leads to p38MAPK-dependent activation of mTOR and cyclinD1 expression in prostate and lung cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 603-614. | 2.8  | 63        |
| 14 | Omega-3 DHA- and EPA-derived 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        |
| 15 | 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        |
| 16 | Farnesoid X Receptor, through the Binding with Steroidogenic Factor 1-responsive Element, Inhibits Aromatase Expression in Tumor Leydig Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 5581-5593.   | 3.4  | 53        |
| 17 | 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        |
| 18 | Aromatase Messenger RNA Is Derived from the Proximal Promoter of the Aromatase Gene in Leydig, Sertoli, and Germ Cells of the Rat Testis. <i>Biology of Reproduction</i> , 2001, 64, 1439-1443.   | 2.7  | 48        |

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|----|---|-----|-----------|
| 19 | 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        |
| 20 | Akt2 Inhibition Enables the Forkhead Transcription Factor FoxO3a To Have a Repressive Role in Estrogen Receptor $\pm$ Transcriptional Activity in Breast Cancer Cells. <i>Molecular and Cellular Biology</i> , 2010, 30, 857-870.   | 2.3 | 45        |
| 21 | 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        |
| 22 | 17 $\beta$ -Estradiol enhances $\alpha$ 5 integrin subunit gene expression through ER $\alpha$ -Sp1 interaction and reduces cell motility and invasion of ER $\alpha$ -positive breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2010, 124, 63-77.      | 2.5 | 37        |
| 23 | A novel functional interplay between Progesterone Receptor $\alpha$ and $\langle$ PTEN $\rangle$ , $\langle$ via $\rangle$ $\langle$ AKT $\rangle$ , modulates autophagy in breast cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 2252-2265. | 3.6 | 32        |
| 24 | Nandrolone and stanozolol upregulate aromatase expression and further increase IGF-I-dependent effects on MCF-7 breast cancer cell proliferation. <i>Molecular and Cellular Endocrinology</i> , 2012, 363, 100-110.   | 3.2 | 28        |
| 25 | Targeting STAT3 signaling using stabilised sulforaphane (SFX-01) inhibits endocrine resistant stem-like cells in ER-positive breast cancer. <i>Oncogene</i> , 2020, 39, 4896-4908.  | 5.9 | 27        |
| 26 | Nutraceuticals in the Mediterranean Diet: Potential Avenues for Breast Cancer Treatment. <i>Nutrients</i> , 2021, 13, 2557.   | 4.1 | 27        |
| 27 | Role of IRS-1 Signaling in Insulin-Induced Modulation of Estrogen Receptors in Breast Cancer Cells. <i>Biochemical and Biophysical Research Communications</i> , 1998, 253, 315-319.  | 2.1 | 26        |
| 28 | Inhibition of leydig tumor growth by farnesoid X receptor activation: The $\langle$ in vitro $\rangle$ and $\langle$ in vivo $\rangle$ basis for a novel therapeutic strategy. <i>International Journal of Cancer</i> , 2013, 132, 2237-2247.                             | 5.1 | 26        |
| 29 | Loss of proline-rich tyrosine kinase 2 function induces spreading and motility of epithelial prostate cells. <i>Journal of Cellular Physiology</i> , 2006, 209, 74-80.  | 4.1 | 24        |
| 30 | Insulin receptor substrate 1 modulates the transcriptional activity and the stability of androgen receptor in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2009, 115, 297-306.  | 2.5 | 22        |
| 31 | FoxO3a as a Positive Prognostic Marker and a Therapeutic Target in Tamoxifen-Resistant Breast Cancer. <i>Cancers</i> , 2019, 11, 1858.  | 3.7 | 22        |
| 32 | Nandrolone and stanozolol induce leydig cell tumor proliferation through an estrogen $\alpha$ -dependent mechanism involving IGF $\alpha$ system. <i>Journal of Cellular Physiology</i> , 2012, 227, 2079-2088.   | 4.1 | 21        |
| 33 | T3 enhances thyroid cancer cell proliferation through TR $\alpha$ 1/Oct-1-mediated cyclin D1 activation. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 205-217.  | 3.2 | 20        |
| 34 | 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        |
| 35 | 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        |
| 36 | FoxO3a Mediates the Inhibitory Effects of the Antiepileptic Drug Lamotrigine on Breast Cancer Growth. <i>Molecular Cancer Research</i> , 2018, 16, 923-934.   | 3.4 | 19        |

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|----|---|-----|-----------|
| 37 | Progesterone Receptor B signaling Reduces Breast Cancer Cell Aggressiveness: Role of Cyclin-D1/Cdk4 Mediating Paxillin Phosphorylation. <i>Cancers</i> , 2019, 11, 1201.  | 3.7 | 19        |
| 38 | Human sperm anatomy and endocrinology in varicocele: role of androgen receptor. <i>Reproduction</i> , 2014, 147, 589-598.   | 2.6 | 18        |
| 39 | Androgens downregulate miR-21 expression in breast cancer cells underlining the protective role of androgen receptor. <i>Oncotarget</i> , 2016, 7, 12651-12661.   | 1.8 | 17        |
| 40 | Red wine consumption may affect sperm biology: The effects of different concentrations of the phytoestrogen Myricetin on human male gamete function. <i>Molecular Reproduction and Development</i> , 2013, 80, 155-165. | 2.0 | 16        |
| 41 | AIB1 sequestration by androgen receptor inhibits estrogen-dependent cyclin D1 expression in breast cancer cells. <i>BMC Cancer</i> , 2019, 19, 1038.  | 2.6 | 15        |
| 42 | Human sperm molecular anatomy: the enzyme 5 $\alpha$ -reductase (SRD5A) is present in the sperm and may be involved in the varicocele-related infertility. <i>Histochemistry and Cell Biology</i> , 2015, 144, 67-76.   | 1.7 | 14        |
| 43 | FoxO3a Inhibits Tamoxifen-Resistant Breast Cancer Progression by Inducing Integrin $\beta$ 5 Expression. <i>Cancers</i> , 2022, 14, 214.  | 3.7 | 5         |
| 44 | The Other Side of the Coin: May Androgens Have a Role in Breast Cancer Risk?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 424.   | 4.1 | 4         |
| 45 | Omega-3 DHA and EPA Conjugates Trigger Autophagy Through PPAR $\gamma$ Activation in Human Breast Cancer Cells. , 2016, , 291-305.  |     | 2         |
| 46 | Inhibition of cyclin D1 expression by androgen receptor in breast cancer cells: identification of a novel androgen response element. <i>FASEB Journal</i> , 2010, 24, 566.3.  | 0.5 | 0         |
| 47 | FoxO3a transcription factor differentially modulates the metastatic potential of ER+ and ER $\alpha$ - breast tumors. <i>FASEB Journal</i> , 2012, 26, 834.4.   | 0.5 | 0         |
| 48 | Leptin Increases HER2 Stability through HSP90 in Breast Cancer Cells. <i>FASEB Journal</i> , 2012, 26, 834.3.   | 0.5 | 0         |
| 49 | A novel interplay between AR and DAX $\beta$ controls aromatase expression in estrogen $\alpha$ -dependent cancers. <i>FASEB Journal</i> , 2013, 27, 471.6.   | 0.5 | 0         |