

# Debora Aparecida Pires de Campos Zucco

## List of Publications by Year in descending order

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86  
papers

1,698  
citations

257450

24  
h-index

345221

36  
g-index

87  
all docs

87  
docs citations

87  
times ranked

2287  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Melatonin on Tumor Growth and Angiogenesis in Xenograft Model of Breast Cancer. PLoS ONE, 2014, 9, e85311.	2.5	139
2	Melatonin decreases breast cancer metastasis by modulating Rho-associated kinase protein expression. Journal of Pineal Research, 2016, 60, 3-15.	7.4	116
3	Effect of Melatonin in Epithelial Mesenchymal Transition Markers and Invasive Properties of Breast Cancer Stem Cells of Canine and Human Cell Lines. PLoS ONE, 2016, 11, e0150407.	2.5	67
4	Effects of melatonin on HIF-1 $\alpha$ and VEGF expression and on the invasive properties of hepatocarcinoma cells. Oncology Letters, 2016, 12, 231-237.	1.8	55
5	Melatonin restrains angiogenic factors in triple-negative breast cancer by targeting miR-152-3p: In vivo and in vitro studies. Life Sciences, 2018, 208, 131-138.	4.3	50
6	Melatonin Regulates Angiogenic Factors under Hypoxia in Breast Cancer Cell Lines. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 347-358.	1.7	49
7	Glutathione and glutathione peroxidase expression in breast cancer: An immunohistochemical and molecular study. Oncology Reports, 2013, 30, 1119-1128.	2.6	48
8	Multiparametric MRI and Coregistered Histology Identify Tumor Habitats in Breast Cancer Mouse Models. Cancer Research, 2019, 79, 3952-3964.	0.9	46
9	Molecular Markers of Angiogenesis and Metastasis in Lines of Oral Carcinoma after Treatment with Melatonin. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 1302-1311.	1.7	44
10	Melatonin decreases estrogen receptor binding to estrogen response elements sites on the OCT4 gene in human breast cancer stem cells. Genes and Cancer, 2016, 7, 209-217.	1.9	40
11	An immunohistochemical study of interleukin-8 (IL-8) in breast cancer. Acta Histochemica, 2012, 114, 571-576.	1.8	38
12	Therapeutic Potential of Melatonin in the Regulation of MiR-148a-3p and Angiogenic Factors in Breast Cancer. MicroRNA (Sharjah, United Arab Emirates), 2019, 8, 237-247.	1.2	38
13	Immunocytochemical study of Ki-67 as a prognostic marker in canine mammary neoplasia. Veterinary Clinical Pathology, 2004, 33, 23-28.	0.7	34
14	HET0016, a Selective Inhibitor of 20-HETE Synthesis, Decreases Pro-Angiogenic Factors and Inhibits Growth of Triple Negative Breast Cancer in Mice. PLoS ONE, 2014, 9, e116247.	2.5	34
15	Effect of Curcumin on Pro-angiogenic Factors in the Xenograft Model of Breast Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2015, 15, 1285-1296.	1.7	33
16	Antiproliferative activity and p53 upregulation effects of chalcones on human breast cancer cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2019, 34, 1093-1099.	5.2	32
17	A meta-analysis of microRNA networks regulated by melatonin in cancer: Portrait of potential candidates for breast cancer treatment. Journal of Pineal Research, 2020, 69, e12693.	7.4	32
18	Melatonin: A mitochondrial resident with a diverse skill set. Life Sciences, 2022, 301, 120612.	4.3	32

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19	Immunoexpression of ROCK-1 and MMP-9 as prognostic markers in breast cancer. <i>Acta Histochemica</i> , 2014, 116, 1367-1373.	1.8	31
20	Interleukin-8 as a prognostic serum marker in canine mammary gland neoplasias. <i>Veterinary Immunology and Immunopathology</i> , 2012, 146, 106-112.	1.2	30
21	Efficacy of melatonin, IL-25 and siIL-17B in tumorigenesis-associated properties of breast cancer cell lines. <i>Life Sciences</i> , 2017, 183, 98-109.	4.3	29
22	Melatonin Differentially Modulates NF- $\kappa$ B Expression in Breast and Liver Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 1688-1694.	1.7	27
23	Evaluation of melatonin and AFMK levels in women with breast cancer. <i>Endocrine</i> , 2018, 62, 242-249.	2.3	26
24	The role of melatonin on miRNAs modulation in triple-negative breast cancer cells. <i>PLoS ONE</i> , 2020, 15, e0228062.	2.5	25
25	Melatonin Regulates Angiogenic and Inflammatory Proteins in MDA-MB-231 Cell Line and in Co-culture with Cancer-associated Fibroblasts. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 1474-1484.	1.7	24
26	Prognostic phenotypic classification for canine mammary tumors. <i>Oncology Letters</i> , 2019, 18, 6545-6553.	1.8	24
27	Melatonin and Pathological Cell Interactions: Mitochondrial Glucose Processing in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12494.	4.1	24
28	Melatonin synthesis in and uptake by mitochondria: implications for diseased cells with dysfunctional mitochondria. <i>Future Medicinal Chemistry</i> , 2021, 13, 335-339.	2.3	23
29	Exosomes and Melatonin: Where Their Destinies Intersect. <i>Frontiers in Immunology</i> , 2021, 12, 692022.	4.8	23
30	Melatonin-Loaded Nanocarriers: New Horizons for Therapeutic Applications. <i>Molecules</i> , 2021, 26, 3562.	3.8	22
31	Immunohistochemical evaluation of e-cadherin, Ki-67 and PCNA in canine mammary neoplasias: correlation of prognostic factors and clinical outcome. <i>Pesquisa Veterinaria Brasileira</i> , 2008, 28, 207-215.	0.5	21
32	RNA-Seq transcriptome analysis shows anti-tumor actions of melatonin in a breast cancer xenograft model. <i>Scientific Reports</i> , 2019, 9, 966.	3.3	21
33	Melatonin Reverses the Warburg-Type Metabolism and Reduces Mitochondrial Membrane Potential of Ovarian Cancer Cells Independent of MT1 Receptor Activation. <i>Molecules</i> , 2022, 27, 4350.	3.8	21
34	Melatonin regulates tumor aggressiveness under acidosis condition in breast cancer cell lines. <i>Oncology Letters</i> , 2018, 17, 1635-1645.	1.8	20
35	Inhibition of Epithelial-Mesenchymal Transition and Metastasis by Combined TGF $\beta$ Knockdown and Metformin Treatment in a Canine Mammary Cancer Xenograft Model. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2017, 22, 27-41.	2.7	19
36	Immunohistochemical investigation of the angiogenic proteins VEGF, HIF-1 $\alpha$ and CD34 in invasive ductal carcinoma of the breast. <i>Acta Histochemica</i> , 2014, 116, 148-157.	1.8	18

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37	Evaluation of melatonin treatment in primary culture of canine mammary tumors. <i>Oncology Reports</i> , 2015, 33, 311-319.	2.6	18
38	Differentially expressed genes in giant cell tumor of bone. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011, 458, 467-476.	2.8	15
39	Part-time cancers and role of melatonin in determining their metabolic phenotype. <i>Life Sciences</i> , 2021, 278, 119597.	4.3	15
40	Inhibition of Epithelial-mesenchymal Transition in Response to Treatment with Metformin and Y27632 in Breast Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1113-1125.	1.7	15
41	Correlação entre a citologia aspirativa por agulha fina e a histologia no diagnóstico de tumores mamários de cadelas. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2001, 38, 38-41.	0.2	14
42	Melatonin modifies tumor hypoxia and metabolism by inhibiting HIF-1 $\alpha$ and energy metabolic pathway in the in vitro and in vivo models of breast cancer. <i>Melatonin Research</i> , 2019, 2, 83-98.	1.1	14
43	Glutathione transferase pi (GSTpi) expression in breast cancer: An immunohistochemical and molecular study. <i>Acta Histochemica</i> , 2012, 114, 510-517.	1.8	13
44	Expression of glutathione, glutathione peroxidase and glutathione S-transferase pi in canine mammary tumors. <i>BMC Veterinary Research</i> , 2014, 10, 49.	1.9	13
45	Prognostic value of vascular endothelial growth factor and hypoxia-inducible factor 1 $\alpha$ in canine malignant mammary tumors. <i>Oncology Reports</i> , 2015, 33, 2345-2353.	2.6	13
46	Melatonin and IL-25 modulate apoptosis and angiogenesis mediators in metastatic (CF-41) and non-metastatic (CMT-1229) canine mammary tumour cells. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 1572-1584.	1.8	13
47	ZEB1 and ZEB2 transcription factors are potential therapeutic targets of canine mammary cancer cells. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 596-605.	1.8	13
48	Interleukin-8 expression associated with canine mammary tumors. <i>Genetics and Molecular Research</i> , 2011, 10, 1522-1532.	0.2	12
49	Pollution-induced metabolic responses in hypoxia-tolerant freshwater turtles. <i>Ecotoxicology and Environmental Safety</i> , 2013, 97, 1-9.	6.0	12
50	Evaluation of Melatonin Effect on Human Breast Cancer Stem Cells Using a Threedimensional Growth Method of Mamospheres. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 961-965.	1.7	12
51	Hormone receptor expression in aging mammary tissue and carcinoma from a rodent model after xenoestrogen disruption. <i>Life Sciences</i> , 2021, 285, 120010.	4.3	10
52	Immunohistochemical Expression of Melatonin Receptor MT1 and Glucose Transporter GLUT1 in Human Breast Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 18, 2110-2116.	1.7	10
53	Immunohistochemical Evaluation of PARP and Caspase-3 as Prognostic Markers in Prostate Carcinomas. <i>Clinical Medicine and Research</i> , 2021, 19, 183-191.	0.8	9
54	Differential Expression of ADAM23, CDKN2A (P16), MMP14 and VIM Associated with Giant Cell Tumor of Bone. <i>Journal of Cancer</i> , 2015, 6, 593-603.	2.5	8

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55	Melatonin Treatment Combined with TGF- $\beta$ 2 Silencing Inhibits Epithelial- Mesenchymal Transition in CF41 Canine Mammary Cancer Cell Line. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 989-997.	1.7	8
56	Liquid Biopsy as a Diagnostic and Prognostic Tool for Women and Female Dogs with Breast Cancer. <i>Cancers</i> , 2021, 13, 5233.	3.7	8
57	miR-210 and miR-152 as Biomarkers by Liquid Biopsy in Invasive Ductal Carcinoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 31.	2.5	7
58	Melatonin down-regulates microRNA-10a and decreases invasion and migration of triple-negative breast cancer cells. <i>Melatonin Research</i> , 2019, 2, 86-99.	1.1	7
59	Short interspersed CAN SINE elements as prognostic markers in canine mammary neoplasia. <i>Oncology Reports</i> , 2014, 31, 435-441.	2.6	6
60	Global gene expression profile in canine mammary carcinomas. <i>Veterinary Journal</i> , 2019, 254, 105393.	1.7	6
61	Verification of agomelatine in comparison with melatonin as a therapeutic agent to treat breast cancer. <i>Melatonin Research</i> , 2021, 4, 141-151.	1.1	6
62	Blood melatonin level can serve as a potential biomarker for prostate and hepatocellular carcinomas. <i>Melatonin Research</i> , 2021, 4, 253-269.	1.1	6
63	Immunohistochemical and molecular analysis of caveolin-1 expression in canine mammary tumors. <i>Genetics and Molecular Research</i> , 2012, 11, 153-165.	0.2	5
64	Oncolytic effect of Newcastle disease virus is attributed to interferon regulation in canine mammary cancer cell lines. <i>Veterinary and Comparative Oncology</i> , 2021, 19, 593-601.	1.8	4
65	Abstract A02: Effect of curcumin on the tumor growth and angiogenesis of breast cancer. <i>Cancer Research</i> , 2015, 75, A02-A02.	0.9	4
66	Comparison of the solution of histidinetryptophan- alfacetoglutamate with histidinetryptophan- glutamate as cardioplegic agents in isolated rat hearts: an immunohistochemical study. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2014, 29, 83-88.	0.6	4
67	The proteomic landscape of ovarian cancer cells in response to melatonin. <i>Life Sciences</i> , 2022, 294, 120352.	4.3	4
68	Modulation of Epithelial Mesenchymal Transition after AGTR-1 Gene Edition by Crispr/Cas9 and Losartan Treatment in Mammary Tumor Cell Line: A Comparative Study between Human and Canine Species. <i>Life</i> , 2021, 11, 1427.	2.4	3
69	Presence of human breast cancer xenograft changes the diurnal profile of amino acids in mice. <i>Scientific Reports</i> , 2022, 12, 1008.	3.3	3
70	Melatonergic index as a prognostic biomarker of reproductive organ cancers: correlations with metabolic parameters as well as clock genes PER1 and TIMELESS. <i>Melatonin Research</i> , 2021, 4, 299-315.	1.1	2
71	Liquid biopsy can detect BRCA2 gene variants in female dogs with mammary neoplasia. <i>Veterinary and Comparative Oncology</i> , 2021, , .	1.8	2
72	Apoptosis as a prognostic marker in canine mammary tumors by TUNEL. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2003, 40, 359-365.	0.2	2

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73	Cryptococcus laurentii Respiratory Infection in a Dog. Clinical Microbiology Newsletter, 2010, 32, 159-160.	0.7	1
74	Thesis Abstract Geoffroy's side-necked turtle [Phrynosops geoffroanus (Schweigger, 1812), Testudines: Chelidae] as a model for evolutionary ecotoxicology: relationship between environmental contamination, conditions and genetic variability. Genetics and Molecular Research, 2013, 12, 6858-6859.	0.2	1
75	Abstract 1477: Melatonin regulates the tumor suppressor miR-148a-3p involved in angiogenesis and metastasis of breast cancer. , 2017, , .		1
76	Treatment of Triple Negative Cell Lines with Olaparib to Block DNA Repair. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 2036-2045.	1.7	1
77	The maspin expression in canine mammary tumors: an immunohistochemical and molecular study. Pesquisa Veterinaria Brasileira, 2009, 29, 167-173.	0.5	1
78	Abstract A03: Effectiveness of melatonin on the epithelial mesenchymal transition after induction with transforming growth factor beta (TGF- $\beta$ 2). , 2015, , .		1
79	LIQUID AND TISSUE BIOPSY OF FEMALE DOGS WITH BREAST CANCER: IDENTIFICATION OF MUTATIONS IN MTOR. Breast, 2019, 48, S42.	2.2	0
80	Immunohistochemical and molecular expression of laminin-332 gamma-2 chain in canine mammary tumors. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2011, 63, 28-35.	0.4	0
81	Abstract 3414: EMT-associated genes are altered in giant cell tumor of bone. , 2011, , .		0
82	Response of angiogenic factors to the treatment with melatonin in breast cancer cell lines.. Journal of Clinical Oncology, 2012, 30, 120-120.	1.6	0
83	Abstract A009: Effect of melatonin on the tumor growth and angiogenesis of breast cancer. , 2013, , .		0
84	Abstract 2408: Melatonin action in xenograft model of breast cancer, comparing radiopharmaceuticals in the detection of intratumor heterogeneity by PET/CT confirmed by immunohistochemical markers. , 2016, , .		0
85	Abstract 2504: Melatonin decreases plasma arginine, its precursors and acylcarnitines in breast cancer xenograft model at specific time point during circadian rhythm. , 2017, , .		0
86	Abstract 884: Detection of intratumoral heterogeneity using MR-defined tumor habitats in breast cancer model under melatonin treatment. , 2017, , .		0