Carolina Panis

List of Publications by Year
in descending order

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111 papers	2,566 citations	172457 29 h-index	233421 45 g-index
118 all docs	118 docs citations	118 times ranked	4662 citing authors

#	Article	IF	Citations
1	Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology, 2015, 35, S276-S304.	9.6	220
2	Oxidative stress and hematological profiles of advanced breast cancer patients subjected to paclitaxel or doxorubicin chemotherapy. Breast Cancer Research and Treatment, 2012, 133, 89-97.	2.5	141
3	A multi-targeted approach to suppress tumor-promoting inflammation. Seminars in Cancer Biology, 2015, 35, S151-S184.	9.6	95
4	Differential oxidative status and immune characterization of the early and advanced stages of human breast cancer. Breast Cancer Research and Treatment, 2012, 133, 881-888.	2.5	92
5	Oxidative stress in multiple sclerosis patients in clinical remission: Association with the expanded disability status scale. Journal of the Neurological Sciences, 2012, 321, 49-53.	0.6	84
6	Biogenic silver nanoparticles inducing Leishmania amazonensis promastigote and amastigote death in vitro. Acta Tropica, 2018, 178, 46-54.	2.0	69
7	Metformin prevention of doxorubicin resistance in MCF-7 and MDA-MB-231 involves oxidative stress generation and modulation of cell adaptation genes. Scientific Reports, 2019, 9, 5864.	3.3	65
8	Trypanosoma cruzi: Effect of the absence of 5-lipoxygenase (5-LO)-derived leukotrienes on levels of cytokines, nitric oxide and iNOS expression in cardiac tissue in the acute phase of infection in mice. Experimental Parasitology, 2011, 127, 58-65.	1.2	62
9	Decreased oxidant profile and increased antioxidant capacity in naturally postmenopausal women. Age, 2013, 35, 1411-1421.	3.0	61
10	Widespread pesticide contamination of drinking water and impact on cancer risk in Brazil. Environment International, 2022, 165, 107321.	10.0	54
11	Oxidative stress is associated with liver damage, inflammatory status, and corticosteroid therapy in patients with systemic lupus erythematosus. Lupus, 2011, 20, 1250-1259.	1.6	52
12	Putative circulating markers of the early and advanced stages of breast cancer identified by high-resolution label-free proteomics. Cancer Letters, 2013, 330, 57-66.	7.2	52
13	Molecular subtype is determinant on inflammatory status and immunological profile from invasive breast cancer patients. Cancer Immunology, Immunotherapy, 2012, 61, 2193-2201.	4.2	49
14	Decreased endothelial nitric oxide, systemic oxidative stress, and increased sympathetic modulation contribute to hypertension in obese rats. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H1472-H1480.	3.2	49
15	Systemic toxicity induced by paclitaxel in vivo is associated with the solvent cremophor EL through oxidative stress-driven mechanisms. Food and Chemical Toxicology, 2014, 68, 78-86.	3.6	47
16	Quercetin promotes antipromastigote effect by increasing the ROS production and anti-amastigote by upregulating Nrf2/HO-1 expression, affecting iron availability. Biomedicine and Pharmacotherapy, 2019, 113, 108745.	5.6	43
17	Labelâ€free MS^E proteomic analysis of chronic myeloid leukemia bone marrow plasma: disclosing new insights from therapy resistance. Proteomics, 2012, 12, 2618-2631.	2.2	42
18	Cox-2 inhibition attenuates cardiovascular and inflammatory aspects in monosodium glutamate-induced obese rats. Life Sciences, 2010, 87, 375-381.	4.3	40

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19	Mechanism of metformin action in MCF-7 and MDA-MB-231 human breast cancer cells involves oxidative stress generation, DNA damage, and transforming growth factor Î²1 induction. Tumor Biology, 2016, 37, 5337-5346.	1.8	39
20	Oxidative Stress, Redox Signaling and Cancer Chemoresistance: Putting Together the Pieces of the Puzzle. Current Medicinal Chemistry, 2014, 21, 3211-3226.	2.4	37
21	Breast cancer in Brazil: epidemiology and treatment challenges. Breast Cancer: Targets and Therapy, 2015, 7, 43.	1.8	36
22	Identifying potential markers in Breast Cancer subtypes using plasma label-free proteomics. Journal of Proteomics, 2017, 151, 33-42.	2.4	35
23	Mapping oxidative changes in breast cancer: understanding the basic to reach the clinics. Anticancer Research, 2014, 34, 1127-40.	1.1	35
24	Label-Free Proteomic Analysis of Breast Cancer Molecular Subtypes. Journal of Proteome Research, 2014, 13, 4752-4772.	3.7	34
25	Kaurenoic Acid Possesses Leishmanicidal Activity by Triggering a NLRP12/IL-1Î²/cNOS/NO Pathway. Mediators of Inflammation, 2015, 2015, 1-10.	3.0	34
26	Screening of circulating TGF-Î² levels and its clinicopathological significance in human breast cancer. Anticancer Research, 2013, 33, 737-42.	1.1	34
27	Nitric Oxide and Brazilian Propolis Combined Accelerates Tissue Repair by Modulating Cell Migration, Cytokine Production and Collagen Deposition in Experimental Leishmaniasis. PLoS ONE, 2015, 10, e0125101.	2.5	33
28	Immunological effects of Taxol and Adryamicin in breast cancer patients. Cancer Immunology, Immunotherapy, 2012, 61, 481-488.	4.2	31
29	Cardiovascular and pulmonary effects of NOS inhibition in endotoxemic conscious rats subjected to swimming training. Life Sciences, 2007, 81, 1301-1308.	4.3	30
30	Cytokines as Mediators of Pain-Related Process in Breast Cancer. Mediators of Inflammation, 2015, 2015, 1-6.	3.0	30
31	Cytotoxicity of citral against melanoma cells: The involvement of oxidative stress generation and cell growth protein reduction. Tumor Biology, 2017, 39, 101042831769591.	1.8	30
32	Overexpression of HER-2/neu protein attenuates the oxidative systemic profile in women diagnosed with breast cancer. Tumor Biology, 2014, 35, 3025-3034.	1.8	29
33	Impact of Tumor Removal on the Systemic Oxidative Profile of Patients With Breast Cancer Discloses Lipid Peroxidation at Diagnosis as a Putative Marker of Disease Recurrence. Clinical Breast Cancer, 2014, 14, 451-459.	2.4	28
34	Clinical proteomics in cancer: Where we are. Cancer Letters, 2016, 382, 231-239.	7.2	27
35	Profile of oxidative stress markers is dependent on vitamin D levels in patients with chronic hepatitis C. Nutrition, 2016, 32, 362-367.	2.4	27
36	Inhibition of Cyclooxygenase-1 and Cyclooxygenase-2 Impairs Trypanosoma cruzi Entry into Cardiac Cells and Promotes Differential Modulation of the Inflammatory Response. Antimicrobial Agents and Chemotherapy, 2014, 58, 6157-6164.	3.2	26

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37	Relationship between iron metabolism, oxidative stress, and insulin resistance in patients with systemic lupus erythematosus. Scandinavian Journal of Rheumatology, 2013, 42, 303-310.	1.1	25
38	Post-translational modifications disclose a dual role for redox stress in cardiovascular pathophysiology. Life Sciences, 2015, 129, 42-47.	4.3	25
39	Label-Free Proteomics Revealed Oxidative Stress and Inflammation as Factors That Enhance Chemoresistance in Luminal Breast Cancer. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	4.0	25
40	Hypertension is associated with serologically active disease in patients with systemic lupus erythematosus: role of increased Th1/Th2 ratio and oxidative stress. Scandinavian Journal of Rheumatology, 2014, 43, 59-62.	1.1	24
41	Brazilian propolis promotes immunomodulation on human cells from American Tegumentar Leishmaniasis patients and healthy donors infected with L. braziliensis. Cellular Immunology, 2017, 311, 22-27.	3.0	24
42	Albumin and Protein Oxidation are Predictors that Differentiate Relapsing-Remitting from Progressive Clinical Forms of Multiple Sclerosis. Molecular Neurobiology, 2017, 54, 2961-2968.	4.0	23
43	Aspirin Modulates Innate Inflammatory Response and Inhibits the Entry ofTrypanosoma cruziin Mouse Peritoneal Macrophages. Mediators of Inflammation, 2014, 2014, 1-9.	3.0	22
44	Chronic psychological stress and its impact on the development of aggressive breast cancer. Einstein (Sao Paulo, Brazil), 2015, 13, 352-356.	0.7	22
45	The positive is inside the negative: HER2-negative tumors can express the HER2 intracellular domain and present a HER2-positive phenotype. Cancer Letters, 2015, 357, 186-195.	7.2	22
46	Protective effect of metformin in an aberrant crypt foci model induced by 1,2â€dimethylhydrazine: Modulation of oxidative stress and inflammatory process. Molecular Carcinogenesis, 2017, 56, 913-922.	2.7	20
47	NF-kappaB Regulates Redox Status in Breast Cancer Subtypes. Genes, 2018, 9, 320.	2.4	20
48	CTLA-4 Expression and Its Clinical Significance in Breast Cancer. Archivum Immunologiae Et Therapiae Experimentalis, 2021, 69, 16.	2.3	19
49	Role of metabolic syndrome and antiretroviral therapy in adiponectin levels and oxidative stress in HIV-1 infected patients. Nutrition, 2014, 30, 1324-1330.	2.4	18
50	Short infusion of paclitaxel imbalances plasmatic lipid metabolism and correlates with cardiac markers of acute damage in patients with breast cancer. Cancer Chemotherapy and Pharmacology, 2017, 80, 469-478.	2.3	18
51	Trastuzumab-based chemotherapy modulates systemic redox homeostasis in women with HER2-positive breast cancer. International Immunopharmacology, 2015, 27, 8-14.	3.8	17
52	Propolis reduces Leishmania amazonensis-induced inflammation in the liver of BALB/c mice. Parasitology Research, 2016, 115, 1557-1566.	1.6	17
53	Trans-chalcone induces death by autophagy mediated by p53 up-regulation and Î²-catenin down-regulation on human hepatocellular carcinoma HuH7.5 cell line. Phytomedicine, 2021, 80, 153373.	5.3	16
54	Redox-Driven Events in the Human Immunodeficiency Virus Type 1 (HIV-1) Infection and their Clinical Implications. Current HIV Research, 2015, 13, 143-150.	0.5	16

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55	Experimental Chemotherapy in Paracoccidioidomycosis Using Ruthenium NO Donor. Mycopathologia, 2011, 172, 95-107.	3.1	15
56	iNOS inhibition improves autonomic dysfunction and oxidative status in hypertensive obese rats. Clinical and Experimental Hypertension, 2017, 39, 50-57.	1.3	14
57	Toxicoproteomics Disclose Pesticides as Downregulators of TNF-Î±, IL-1Î² and Estrogen Receptor Pathways in Breast Cancer Women Chronically Exposed. Frontiers in Oncology, 2020, 10, 1698.	2.8	14
58	PGC-1Î² regulates HER2-overexpressing breast cancer cells proliferation by metabolic and redox pathways. Tumor Biology, 2016, 37, 6035-6044.	1.8	13
59	Polymorphisms in GSTT1 and GSTM1 genes as possible risk factors for susceptibility to breast cancer development and their influence in chemotherapy response: a systematic review. Molecular Biology Reports, 2020, 47, 5495-5501.	2.3	13
60	Antileishmanial Activity and Inducible Nitric Oxide Synthase Activation by RuNO Complex. Mediators of Inflammation, 2016, 2016, 1-10.	3.0	12
61	How can Proteomics Reach Cancer Biomarkers?. Current Proteomics, 2013, 10, 136-149.	0.3	12
62	Antioxidant therapy reverses sympathetic dysfunction, oxidative stress, and hypertension in male hyperadipose rats. Life Sciences, 2022, 295, 120405.	4.3	12
63	Nitric oxide-releasing indomethacin enhances susceptibility to Trypanosoma cruzi infection acting in the cell invasion and oxidative stress associated with anemia. Chemico-Biological Interactions, 2015, 227, 104-111.	4.0	11
64	Early downregulation of acute phase proteins after doxorubicin exposition in patients with breast cancer. Tumor Biology, 2016, 37, 3775-3783.	1.8	10
65	Clinical insights from adiponectin analysis in breast cancer patients reveal its anti-inflammatory properties in non-obese women. Molecular and Cellular Endocrinology, 2014, 382, 190-196.	3.2	9
66	Can Breast Tumors Affect the Oxidative Status of the Surrounding Environment? A Comparative Analysis among Cancerous Breast, Mammary Adjacent Tissue, and Plasma. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	4.0	9
67	Neutrophil traps, anti-myeloperoxidase antibodies and cancer: Are they linked?. Immunology Letters, 2020, 221, 33-38.	2.5	9
68	Maternal exposure to triclosan causes fetal development restriction, deregulation of the oestrous cycle, and alters uterine tissue in rat offspring. Environmental Toxicology, 2019, 34, 1105-1113.	4.0	8
69	Oxidative stress and TGF-Î²1 induction by metformin in MCF-7 and MDA-MB-231 human breast cancer cells are accompanied with the downregulation of genes related to cell proliferation, invasion and metastasis. Pathology Research and Practice, 2020, 216, 153135.	2.3	8
70	NRIP1 is activated by C-JUN/C-FOS and activates the expression of PGR, ESR1 and CCND1 in luminal A breast cancer. Scientific Reports, 2021, 11, 21159.	3.3	8
71	Sodium nitroprusside has leishmanicidal activity independent of iNOS. Revista Da Sociedade Brasileira De Medicina Tropical, 2016, 49, 68-73.	0.9	7
72	Concanavalin-A displays leishmanicidal activity by inducing ROS production in human peripheral blood mononuclear cells. Immunopharmacology and Immunotoxicology, 2018, 40, 387-392.	2.4	7

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73	Concanavalin-A stimulates IL-17 and nitric oxide production and induces macrophage polarization and resistance to Trypanosoma cruzi infection. Life Sciences, 2020, 258, 118137.	4.3	7
74	Current advances in the diagnosis and personalized treatment of breast cancer: lessons from tumor biology. Personalized Medicine, 2020, 17, 399-420.	1.5	7
75	Nosocomial infections in human immunodeficiency virus type 1 (HIV-1) infected and AIDS patients: major microorganisms and immunological profile. Brazilian Journal of Microbiology, 2009, 40, 155-162.	2.0	6
76	The Hypoxia-Inducible Factor-1ÃŽÂ± Signaling Pathway and its Relation to Cancer and Immunology. American Journal of Immunology, 2014, 10, 215-224.	0.1	6
77	Unraveling Oxidation-Induced Modifications in Proteins by Proteomics. Advances in Protein Chemistry and Structural Biology, 2014, 94, 19-38.	2.3	5
78	Effects of GSTT1 and GSTM1 polymorphisms in glutathione levels and breast cancer development in Brazilian patients. Molecular Biology Reports, 2021, 48, 33-40.	2.3	5
79	Murine Susceptibility to Leishmania amazonensis Infection Is Influenced by Arginase-1 and Macrophages at the Lesion Site. Frontiers in Cellular and Infection Microbiology, 2021, 11, 687633.	3.9	5
80	Proinflammatory circulating markers: new players for evaluating asymptomatic acute cardiovascular toxicity in breast cancer treatment. Journal of Chemotherapy, 2021, 33, 106-115.	1.5	4
81	Impact of the induction phase chemotherapy on cytokines and oxidative markers in peripheral and bone marrow plasma of children with acute lymphocytic leukemia. Current Research in Immunology, 2021, 2, 163-168.	2.8	4
82	Clinical implications of lipid peroxides levels in plasma and tumor tissue in breast cancer patients. Prostaglandins and Other Lipid Mediators, 2022, 161, 106639.	1.9	4
83	Trypanosoma cruzi: in vivoevaluation of iron in skin employing X-ray fluorescence (XRF) in mouse strains that differ in their susceptibility to infection. FEMS Immunology and Medical Microbiology, 2012, 64, 334-342.	2.7	3
84	Nitric Oxide Donors with Therapeutic Strategic in Experimental <i>Schistossomiasis Mansoni</i>. American Journal of Immunology, 2014, 10, 225-239.	0.1	3
85	Crosstalk between Oxidative Stress Signaling and HER2 Pathway in Breast Cancer. American Journal of Immunology, 2014, 10, 176-182.	0.1	3
86	Interferon-gamma in mobilized stem cells: A possible prognostic marker in early post-transplant management in multiple myeloma. Cytokine, 2018, 108, 127-135.	3.2	3
87	Anti-neutrophil antibodies (anti-MPO-ANCAs) are associated with poor prognosis in breast cancer patients. Immunobiology, 2020, 225, 152011.	1.9	3
88	Comparative Analysis of Systemic and Tumor Microenvironment Proteomes From Children With B-Cell Acute Lymphocytic Leukemia at Diagnosis and After Induction Treatment. Frontiers in Oncology, 2020, 10, 550213.	2.8	3
89	ChimarrÃ£o consumption and prognostic factors in breast cancer: Correlation with antioxidants and blood caffeine levels. Phytotherapy Research, 2021, 35, 888-897.	5.8	3
90	Nosocomial infections in human immunodeficiency virus type 1 (HIV-1) infected and AIDS patients: major microorganisms and immunological profile. Brazilian Journal of Microbiology, 2009, 40, 155-62.	2.0	3

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91	Evaluation of the effects of nicorandil and its molecular precursor (without radical NO) on proliferation and apoptosis of 786-cell. Cytotechnology, 2013, 65, 839-850.	1.6	2
92	Differences in cNOS/iNOS Activity during Resistance to Trypanosoma cruzi Infection in 5-Lipoxygenase Knockout Mice. Mediators of Inflammation, 2019, 2019, 1-14.	3.0	2
93	The Role of Proteomics in Cancer Research. , 2019, , 31-55.		2
94	Low Plasmatic 25-hydroxyvitamin D at Diagnosis is Associated with Axillary Invasion, Chemoresistance and Metastasis in Women with Breast Cancer. Archives of Medical Research, 2020, 51, 542-547.	3.3	2
95	5-Aza-2â€™-deoxycytidine induces a greater inflammatory change, at the molecular levels, in normoxic than hypoxic tumor microenvironment. Molecular Biology Reports, 2021, 48, 1161-1169.	2.3	2
96	INFLUENCE OF 627 NM WAVELENGTH LIGHT EMITTING DIODE PHOTOTHERAPY ON SECONDARY INTENTION WOUND HEALING. International Journal of Research -GRANTHAALAYAH, 2021, 9, 177-189.	0.1	2
97	Patterns of Cell Death Induced by Thiohydantoins in Human MCF-7 Breast Cancer Cells. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 1592-1600.	1.7	2
98	miRNome Profiling Reveals Shared Features in Breast Cancer Subtypes and Highlights miRNAs That Potentially Regulate MYB and EZH2 Expression. Frontiers in Oncology, 2021, 11, 710919.	2.8	1
99	Influence of exogenous opioids on the acute inflammatory response in the perioperative period of oncological surgery: a clinical study. Brazilian Journal of Anesthesiology (Elsevier), 2024, 74, 744290.	0.4	1
100	Lessons from transmissible cancers for immunotherapy and transplant. Immunological Medicine, 2022, 45, 146-161.	2.6	1
101	Proteomic Tools for Cancer Research: Updating the Oncoproteomics. Journal of Proteomics and Bioinformatics, 0, s3, .	0.4	0
102	LNO3 AND L3 Are Associated With Antiproliferative And Pro-Apoptotic Action In Hepatoma Cells. Genetics and Molecular Biology, 2016, 39, 270-278.	1.3	0
103	Brain-metastatic Breast Cancer: Clinical Considerations and Pharmacological Approaches. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 1523-1528.	1.7	0
104	Electro-oxycoagulation Efficiency for the Treatment of Domestic Effluents. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	0
105	Hereditary Breast and Ovarian Cancer Screening Syndrome Profile in Women Diagnosed with Breast Cancer from ParanÃ¡ State Southwest. Revista Brasileira De Ginecologia E Obstetricia, 2021, 43, 616-621.	0.8	0
106	The Ommaya catheter as a treatment for pain and chemotherapy in meningeal carcinomatosis patient. Journal of the Neurological Sciences, 2021, 429, 119774.	0.6	0
107	Oxidative Stress in Breast Cancer. , 2014, , 609-641.		0
108	Oxidative Stress-Driven Cardiotoicity of Cancer Drugs. , 2019, , 39-57.		0

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109	Programa Cuide-se Mais: impacto na prevenÃ§Ã£o e rastreamento do cÃ¢ncer no ParanÃ¡. Semina: CiÃªncias BiolÃ³gicas E Da SaÃºde, 2020, 41, 341.	0.2	0
110	Covariate clustering: Women with breast cancer in southwestern ParanÃ¡, Brazil. Revista De Senologia Y Patologia Mamaria, 2022, 35, 175-183.	0.1	0
111	Systemic lipid peroxidation profile from patients with breast cancer changes according to the lymph nodal metastasis status. Oncoscience, 2022, 9, 1-10.	2.2	0