

Daniel Gabriel Pons

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

912
citations

430754

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477173

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-36.	1.9	104
2	UCP2 inhibition sensitizes breast cancer cells to therapeutic agents by increasing oxidative stress. <i>Free Radical Biology and Medicine</i> , 2015, 86, 67-77.	1.3	78
3	Genistein Modulates Proliferation and Mitochondrial Functionality in Breast Cancer Cells Depending on ERalpha/ERbeta Ratio. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 949-958.	1.2	69
4	Therapeutic Potential of Isoflavones with an Emphasis on Daidzein. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	68
5	Genistein modulates oxidative stress in breast cancer cell lines according to ER α /ER β ratio: Effects on mitochondrial functionality, sirtuins, uncoupling protein 2 and antioxidant enzymes. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2045-2051.	1.2	63
6	SIRT3 Silencing Sensitizes Breast Cancer Cells to Cytotoxic Treatments Through an Increment in ROS Production. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 397-406.	1.2	53
7	The Phytoestrogen Genistein Affects Breast Cancer Cells Treatment Depending on the ER α /ER β Ratio. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 218-229.	1.2	46
8	The ERalpha/ERbeta ratio determines oxidative stress in breast cancer cell lines in response to 17Beta-estradiol. <i>Journal of Cellular Biochemistry</i> , 2012, 113, 3178-3185.	1.2	43
9	Sirtuin 3 silencing impairs mitochondrial biogenesis and metabolism in colon cancer cells. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C398-C404.	2.1	38
10	Sexual hormones regulate the redox status and mitochondrial function in the brain. Pathological implications. <i>Redox Biology</i> , 2020, 31, 101505.	3.9	33
11	Mitochondrial dynamics is affected by 17 β -estradiol in the MCF-7 breast cancer cell line. Effects on fusion and fission related genes. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1901-1905.	1.2	32
12	The impact of the invasive species <i>Vespa velutina</i> on honeybees: A new approach based on oxidative stress. <i>Science of the Total Environment</i> , 2019, 689, 709-715.	3.9	32
13	The Effects of 17 β -estradiol on Mitochondrial Biogenesis and Function in Breast Cancer Cell Lines are Dependent on the ER α /ER β Ratio. <i>Cellular Physiology and Biochemistry</i> , 2012, 29, 261-268.	1.1	27
14	The presence of Estrogen Receptor β modulates the response of breast cancer cells to therapeutic agents. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 66, 85-94.	1.2	26
15	The over-expression of ERbeta modifies estradiol effects on mitochondrial dynamics in breast cancer cell line. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1509-1515.	1.2	23
16	The phytoestrogen genistein affects inflammatory-related genes expression depending on the ER α /ER β ratio in breast cancer cells. <i>International Journal of Food Sciences and Nutrition</i> , 2019, 70, 941-949.	1.3	23
17	Micronutrients Selenomethionine and Selenocysteine Modulate the Redox Status of MCF-7 Breast Cancer Cells. <i>Nutrients</i> , 2020, 12, 865.	1.7	23
18	Xanthohumol, a hop-derived prenylflavonoid present in beer, impairs mitochondrial functionality of SW620 colon cancer cells. <i>International Journal of Food Sciences and Nutrition</i> , 2019, 70, 396-404.	1.3	21

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19	The oxidative stress in breast tumors of postmenopausal women is $ER\hat{1}\pm/ER\hat{1}^2$ ratio dependent. Free Radical Biology and Medicine, 2013, 61, 11-17.	1.3	18
20	Mutant p53 induces SIRT3/MnSOD axis to moderate ROS production in melanoma cells. Archives of Biochemistry and Biophysics, 2020, 679, 108219.	1.4	18
21	Antioxidant enzymes change in different non-metastatic stages in tumoral and peritumoral tissues of colorectal cancer. International Journal of Biochemistry and Cell Biology, 2020, 120, 105698.	1.2	16
22	Phytoestrogens and Mitochondrial Biogenesis in Breast Cancer. Influence of Estrogen Receptors Ratio. Current Pharmaceutical Design, 2014, 20, 5594-5618.	0.9	14
23	High Concentrations of Genistein Decrease Cell Viability Depending on Oxidative Stress and Inflammation in Colon Cancer Cell Lines. International Journal of Molecular Sciences, 2022, 23, 7526.	1.8	9
24	Non-tumor adjacent tissue of advanced stage from CRC shows activated antioxidant response. Free Radical Biology and Medicine, 2018, 126, 249-258.	1.3	8
25	Use of Omics Technologies for the Detection of Colorectal Cancer Biomarkers. Cancers, 2022, 14, 817.	1.7	8
26	Initial activation status of the antioxidant response determines sensitivity to carboplatin/paclitaxel treatment of ovarian cancer. Anticancer Research, 2012, 32, 4723-8.	0.5	8
27	Estrogen Receptor Beta ($ER\hat{1}^2$) Maintains Mitochondrial Network Regulating Invasiveness in an Obesity-Related Inflammation Condition in Breast Cancer. Antioxidants, 2021, 10, 1371.	2.2	5
28	Xanthohumol reduces inflammation and cell metabolism in HT29 primary colon cancer cells. International Journal of Food Sciences and Nutrition, 2022, 73, 471-479.	1.3	4
29	Mitochondrial Function Differences between Tumor Tissue of Human Metastatic and Premetastatic CRC. Biology, 2022, 11, 293.	1.3	2