

# Laura Zambonin

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,325  
citations

279798

23  
h-index

395702

33  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2226  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulforaphane Modulates AQP8-Linked Redox Signalling in Leukemia Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	18
2	Intracellular cysteine oxidation is modulated by aquaporin-mediated hydrogen peroxide channeling in leukaemia cells. <i>BioFactors</i> , 2017, 43, 232-242.	5.4	13
3	Glycosides from <i>Stevia rebaudiana</i> Bertoni Possess Insulin-Mimetic and Antioxidant Activities in Rat Cardiac Fibroblasts. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13.	4.0	41
4	Improving nelarabine efficacy in T cell acute lymphoblastic leukemia by targeting aberrant PI3K/AKT/mTOR signaling pathway. <i>Journal of Hematology and Oncology</i> , 2016, 9, 114.	17.0	47
5	Polyphenols as Modulators of Aquaporin Family in Health and Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	4.0	32
6	Role of Methylglyoxal in Alzheimer's Disease. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	120
7	Role of Plasma Membrane Caveolae/Lipid Rafts in VEGF-Induced Redox Signaling in Human Leukemia Cells. <i>BioMed Research International</i> , 2014, 2014, 1-13.	1.9	25
8	Specific aquaporins facilitate Nox-produced hydrogen peroxide transport through plasma membrane in leukaemia cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 806-814.	4.1	83
9	Steviol Glycosides Modulate Glucose Transport in Different Cell Types. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-11.	4.0	43
10	Dietary Phenolic Acids Act as Effective Antioxidants in Membrane Models and in Cultured Cells, Exhibiting Proapoptotic Effects in Leukaemia Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-12.	4.0	43
11	Effect of Plasma Membrane Cholesterol Depletion on Glucose Transport Regulation in Leukemia Cells. <i>PLoS ONE</i> , 2012, 7, e41246.	2.5	28
12	Low levels of selenium compounds are selectively toxic for a human neuron cell line through ROS/RNS increase and apoptotic process activation. <i>NeuroToxicology</i> , 2011, 32, 180-187.	3.0	75
13	VEGF-induced ROS generation from NAD(P)H oxidases protects human leukemic cells from apoptosis. <i>International Journal of Oncology</i> , 2010, 36, 1581-9.	3.3	38
14	Inhibition of trans-plasma membrane electron transport: A potential anti-leukemic strategy. <i>Leukemia Research</i> , 2010, 34, 1630-1635.	0.8	14
15	NAD(P)H oxidase isoform Nox2 plays a prosurvival role in human leukaemia cells. <i>Free Radical Research</i> , 2009, 43, 1111-1121.	3.3	39
16	Induction of apoptosis in a human leukemic cell line via reactive oxygen species modulation by antioxidants. <i>Free Radical Biology and Medicine</i> , 2009, 46, 244-252.	2.9	26
17	Effect of radical stress and ageing on the occurrence of trans fatty acids in rats fed a trans-free diet. <i>Free Radical Biology and Medicine</i> , 2008, 44, 594-601.	2.9	27
18	Nox-generated ROS modulate glucose uptake in a leukaemic cell line. <i>Free Radical Research</i> , 2008, 42, 405-414.	3.3	36

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19	Signal processes and ROS production in glucose transport regulation by thrombopoietin and granulocyte macrophage-colony stimulation factor in a human leukaemic cell line. <i>Free Radical Research</i> , 2007, 41, 1348-1357.	3.3	10
20	Solvent and pH Effects on the Antioxidant Activity of Caffeic and Other Phenolic Acids. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2932-2937.	5.2	149
21	Comparison of Phosphatidylcholine Vesicle Properties Related to Geometrical Isomerism. <i>Photochemistry and Photobiology</i> , 2006, 82, 274.	2.5	23
22	Occurrence of trans fatty acids in rats fed a trans-free diet: A free radical-mediated formation?. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1549-1556.	2.9	67
23	Contribution of reactive oxygen species to the regulation of glut1 in two hemopoietic cell lines differing in cytokine sensitivity. <i>Free Radical Biology and Medicine</i> , 2004, 37, 1402-1411.	2.9	27
24	ROS production and Glut1 activity in two human megakaryocytic cell lines. <i>BioFactors</i> , 2004, 20, 237-247.	5.4	28
25	Effects of different dietary amounts of LCPUFA n3 and vitamin B6 on lipid composition and antioxidant defences in rat kidney. <i>Journal of Nutritional Biochemistry</i> , 2004, 15, 396-401.	4.2	10
26	Geometrical isomerism of monounsaturated fatty acids: thyl radical catalysis and influence of antioxidant vitamins. <i>Free Radical Biology and Medicine</i> , 2002, 33, 1681-1692.	2.9	43
27	Antioxidants and Total Peroxyl Radical-Trapping Ability of Olive and Seed Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 6026-6032.	5.2	77
28	Detection of phospholipid oxidation in oxidatively stressed cells by reversed-phase HPLC coupled with positive-ionization electroscopy MS. <i>Biochemical Journal</i> , 2001, 355, 449-457.	3.7	55
29	Detection of phospholipid oxidation in oxidatively stressed cells by reversed-phase HPLC coupled with positive-ionization electroscopy MS. <i>Biochemical Journal</i> , 2001, 355, 449.	3.7	39
30	Polyamines directly induce release of cytochrome c from heart mitochondria. <i>Biochemical Journal</i> , 2000, 347, 875.	3.7	23
31	Methylprednisolone administration in primary biliary cirrhosis increases cholic acid turnover, synthesis, and deoxycholate concentration in bile. <i>Digestive Diseases and Sciences</i> , 1999, 44, 2478-2483.	2.3	8
32	The effect of oxygen radicals on rat thymocyte glucose transport is independent of the site of their generation. <i>Free Radical Biology and Medicine</i> , 1999, 26, 661-668.	2.9	11
33	Development of a Chemiluminescent Urease Activity Assay for <i>Helicobacter pylori</i> Infection Diagnosis in Gastric Mucosa Biopsies. <i>Analytical Biochemistry</i> , 1998, 264, 47-52.	2.4	7