

Laura Zambonin

List of Publications by Year in descending order

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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	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
2	Role of Methylglyoxal in Alzheimer's Disease. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	120
3	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
4	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
5	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
6	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
7	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
8	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
9	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
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	Steviol Glycosides Modulate Glucose Transport in Different Cell Types. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-11.	4.0	43
12	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
13	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
14	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
15	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
16	Nox-generated ROS modulate glucose uptake in a leukaemic cell line. <i>Free Radical Research</i> , 2008, 42, 405-414.	3.3	36
17	Polyphenols as Modulators of Aquaporin Family in Health and Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-8.	4.0	32
18	ROS production and Glut1 activity in two human megakaryocytic cell lines. <i>BioFactors</i> , 2004, 20, 237-247.	5.4	28

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19	Effect of Plasma Membrane Cholesterol Depletion on Glucose Transport Regulation in Leukemia Cells. PLoS ONE, 2012, 7, e41246.	2.5	28
20	Contribution of reactive oxygen species to the regulation of glut1 in two hemopoietic cell lines differing in cytokine sensitivity. Free Radical Biology and Medicine, 2004, 37, 1402-1411.	2.9	27
21	Effect of radical stress and ageing on the occurrence of trans fatty acids in rats fed a trans-free diet. Free Radical Biology and Medicine, 2008, 44, 594-601.	2.9	27
22	Induction of apoptosis in a human leukemic cell line via reactive oxygen species modulation by antioxidants. Free Radical Biology and Medicine, 2009, 46, 244-252.	2.9	26
23	Role of Plasma Membrane Caveolae/Lipid Rafts in VEGF-Induced Redox Signaling in Human Leukemia Cells. BioMed Research International, 2014, 2014, 1-13.	1.9	25
24	Polyamines directly induce release of cytochrome c from heart mitochondria. Biochemical Journal, 2000, 347, 875.	3.7	23
25	Comparison of Phosphatidylcholine Vesicle Properties Related to Geometrical Isomerism. Photochemistry and Photobiology, 2006, 82, 274.	2.5	23
26	Sulforaphane Modulates AQP8-Linked Redox Signalling in Leukemia Cells. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	18
27	Inhibition of trans-plasma membrane electron transport: A potential anti-leukemic strategy. Leukemia Research, 2010, 34, 1630-1635.	0.8	14
28	Intracellular cysteine oxidation is modulated by aquaporin-mediated hydrogen peroxide channeling in leukaemia cells. BioFactors, 2017, 43, 232-242.	5.4	13
29	The effect of oxygen radicals on rat thymocyte glucose transport is independent of the site of their generation. Free Radical Biology and Medicine, 1999, 26, 661-668.	2.9	11
30	Effects of different dietary amounts of LCPUFA n3 and vitamin B6 on lipid composition and antioxidant defences in rat kidney. Journal of Nutritional Biochemistry, 2004, 15, 396-401.	4.2	10
31	Signal processes and ROS production in glucose transport regulation by thrombopoietin and granulocyte macrophage-colony stimulation factor in a human leukaemic cell line. Free Radical Research, 2007, 41, 1348-1357.	3.3	10
32	Methylprednisolone administration in primary biliary cirrhosis increases cholic acid turnover, synthesis, and deoxycholate concentration in bile. Digestive Diseases and Sciences, 1999, 44, 2478-2483.	2.3	8
33	Development of a Chemiluminescent Urease Activity Assay for Helicobacter pylori Infection Diagnosis in Gastric Mucosa Biopsies. Analytical Biochemistry, 1998, 264, 47-52.	2.4	7