

# H Susana Marinho

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41  
papers

1,805  
citations

19  
h-index

42  
g-index

45  
ext. papers

2,047  
ext. citations

5  
avg, IF

4.56  
L-index

#	Paper	IF	Citations
41	Hydrogen peroxide sensing, signaling and regulation of transcription factors. <i>Redox Biology</i> , <b>2014</b> , 2, 535-62	11.3	516
40	Role of hydrogen peroxide in NF-kappaB activation: from inducer to modulator. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 2223-43	8.4	164
39	Decrease of H2O2 plasma membrane permeability during adaptation to H2O2 in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 6501-6	5.4	123
38	Lipid peroxidation in mitochondrial inner membranes. I. An integrative kinetic model. <i>Free Radical Biology and Medicine</i> , <b>1996</b> , 21, 917-43	7.8	109
37	A quantitative study of NF-kappaB activation by H2O2: relevance in inflammation and synergy with TNF-alpha. <i>Journal of Immunology</i> , <b>2007</b> , 178, 3893-902	5.3	104
36	Decreased cellular permeability to H2O2 protects <i>Saccharomyces cerevisiae</i> cells in stationary phase against oxidative stress. <i>FEBS Letters</i> , <b>2004</b> , 578, 152-6	3.8	85
35	Gel domains in the plasma membrane of <i>Saccharomyces cerevisiae</i> : highly ordered, ergosterol-free, and sphingolipid-enriched lipid rafts. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 5043-54	5.4	72
34	Regulation of antioxidant enzymes gene expression in the yeast <i>Saccharomyces cerevisiae</i> during stationary phase. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 34, 385-93	7.8	69
33	H2O2 induces rapid biophysical and permeability changes in the plasma membrane of <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2008</b> , 1778, 1141-7	3.8	59
32	Glutathione conjugation of 4-hydroxy-trans-2,3-nonenal in the rat in vivo, the isolated perfused liver and erythrocytes. <i>Toxicology and Applied Pharmacology</i> , <b>1999</b> , 159, 214-23	4.6	44
31	Modulation of plasma membrane lipid profile and microdomains by H2O2 in <i>Saccharomyces cerevisiae</i> . <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 289-98	7.8	43
30	Role of glutathione peroxidase and phospholipid hydroperoxide glutathione peroxidase in the reduction of lysophospholipid hydroperoxides. <i>Free Radical Biology and Medicine</i> , <b>1997</b> , 22, 871-83	7.8	42
29	Activation of Nrf2 by H2O2: de novo synthesis versus nuclear translocation. <i>Methods in Enzymology</i> , <b>2013</b> , 528, 157-71	1.7	38
28	H2O2 delivery to cells: steady-state versus bolus addition. <i>Methods in Enzymology</i> , <b>2013</b> , 526, 159-73	1.7	32
27	Down-regulation of fatty acid synthase increases the resistance of <i>Saccharomyces cerevisiae</i> cells to H2O2. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 1458-65	7.8	25
26	Sphingolipid hydroxylation in mammals, yeast and plants - An integrated view. <i>Progress in Lipid Research</i> , <b>2018</b> , 71, 18-42	14.3	25
25	Superoxide dismutase enzymosomes: carrier capacity optimization, in vivo behaviour and therapeutic activity. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 91-102	4.5	24

24	The cellular steady-state of H <sub>2</sub> O <sub>2</sub> : latency concepts and gradients. <i>Methods in Enzymology</i> , <b>2013</b> , 527, 3-19	1.7	23
23	Biophysical properties of ergosterol-enriched lipid rafts in yeast and tools for their study: characterization of ergosterol/phosphatidylcholine membranes with three fluorescent membrane probes. <i>Chemistry and Physics of Lipids</i> , <b>2012</b> , 165, 577-88	3.7	21
22	Modulation of NF-kappaB-dependent gene expression by H <sub>2</sub> O <sub>2</sub> : a major role for a simple chemical process in a complex biological response. <i>Antioxidants and Redox Signaling</i> , <b>2009</b> , 11, 2043-53	8.4	19
21	Formation and Properties of Membrane-Ordered Domains by Phytoceramide: Role of Sphingoid Base Hydroxylation. <i>Langmuir</i> , <b>2015</b> , 31, 9410-21	4	18
20	New long circulating magnetoliposomes as contrast agents for detection of ischemia-reperfusion injuries by MRI. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2014</b> , 10, 207-14	6	18
19	Cellular polarity in aging: role of redox regulation and nutrition. <i>Genes and Nutrition</i> , <b>2014</b> , 9, 371	4.3	14
18	Glyceraldehyde-3-phosphate dehydrogenase is largely unresponsive to low regulatory levels of hydrogen peroxide in <i>Saccharomyces cerevisiae</i> . <i>BMC Biochemistry</i> , <b>2010</b> , 11, 49	4.8	14
17	Therapeutic activity of superoxide dismutase-containing enzymosomes on rat liver ischaemia-reperfusion injury followed by magnetic resonance microscopy. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 109, 464-471	5.1	13
16	A quantitative study of the cell-type specific modulation of c-Rel by hydrogen peroxide and TNF- $\alpha$ . <i>Redox Biology</i> , <b>2013</b> , 1, 347-52	11.3	12
15	Glutathione metabolism in hepatomous liver of rats treated with diethylnitrosamine. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>1997</b> , 1360, 157-68	6.9	12
14	H <sub>2</sub> O <sub>2</sub> in the induction of NF- $\kappa$ B-dependent selective gene expression. <i>Methods in Enzymology</i> , <b>2013</b> , 528, 173-88	1.7	10
13	Reorganization of plasma membrane lipid domains during conidial germination. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2017</b> , 1862, 156-166	5	10
12	Liquid-Ordered Phase Formation by Mammalian and Yeast Sterols: A Common Feature With Organizational Differences. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 337	5.7	9
11	Biphasic modulation of fatty acid synthase by hydrogen peroxide in <i>Saccharomyces cerevisiae</i> . <i>Archives of Biochemistry and Biophysics</i> , <b>2011</b> , 515, 107-11	4.1	9
10	Diagnosis of enzyme inhibition based on the degree of inhibition. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2003</b> , 1624, 11-20	4	9
9	The plasma membrane-enriched fraction proteome response during adaptation to hydrogen peroxide in <i>Saccharomyces cerevisiae</i> . <i>Free Radical Research</i> , <b>2012</b> , 46, 1267-79	4	8
8	Antagonist G-targeted liposomes for improved delivery of anticancer drugs in small cell lung carcinoma.. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 612, 121380	6.5	4
7	Yeast Sphingolipid-Enriched Domains and Membrane Compartments in the Absence of Mannosyl-diinositolphosphorylceramide. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	3

6	Gene Silencing using siRNA for Preventing Liver Ischaemia-Reperfusion Injury. <i>Current Pharmaceutical Design</i> , <b>2018</b> , 24, 2692-2700	3-3	2
5	Current aspects of breast cancer therapy and diagnosis based on a nanocarrier approach <b>2017</b> , 749-774		1
4	Regulation of the inositol transporter Itr1p by hydrogen peroxide in <i>Saccharomyces cerevisiae</i> . <i>Archives of Microbiology</i> , <b>2019</b> , 201, 123-134	3	1
3	Opi1p translocation to the nucleus is regulated by hydrogen peroxide in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , <b>2017</b> , 34, 383-395	3-4	1
2	Noncoding RNAs as Critical Players in Regulatory Accuracy, Redox Signaling, and Immune Cell Functions <b>2017</b> , 215-284		
1	Metabolism of Superoxide Radicals and Hydrogen Peroxide in Mitochondria. <i>Oxidative Stress and Disease</i> , <b>2015</b> , 3-28		