H Susana Marinho

List of Publications by Year
in descending order

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45 papers	2,273 citations	331259 21 h-index	301761 39 g-index
45 all docs	45 docs citations	45 times ranked	3572 citing authors

#	Article	IF	Citations
1	Hydrogen peroxide sensing, signaling and regulation of transcription factors. Redox Biology, 2014, 2, 535-562.	3.9	688
2	Role of Hydrogen Peroxide in NF-Î¹B Activation: From Inducer to Modulator. Antioxidants and Redox Signaling, 2009, 11, 2223-2243.	2.5	208
3	Decrease of H2O2 Plasma Membrane Permeability during Adaptation to H2O2 in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2004, 279, 6501-6506.	1.6	139
4	Lipid peroxidation in mitochondrial inner membranes. I. An integrative kinetic model. Free Radical Biology and Medicine, 1996, 21, 917-943.	1.3	128
5	A Quantitative Study of NF-Î¹B Activation by H2O2: Relevance in Inflammation and Synergy with TNF-Î±. Journal of Immunology, 2007, 178, 3893-3902.	0.4	114
6	Decreased cellular permeability to H2O2protectsSaccharomyces cerevisiaecells in stationary phase against oxidative stress. FEBS Letters, 2004, 578, 152-156.	1.3	101
7	Gel Domains in the Plasma Membrane of Saccharomyces cerevisiae. Journal of Biological Chemistry, 2011, 286, 5043-5054.	1.6	94
8	Regulation of antioxidant enzymes gene expression in the yeast Saccharomyces cerevisiae during stationary phase. Free Radical Biology and Medicine, 2003, 34, 385-393.	1.3	75
9	H2O2 induces rapid biophysical and permeability changes in the plasma membrane of Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 1141-1147.	1.4	68
10	Role of Glutathione Peroxidase and Phospholipid Hydroperoxide Glutathione Peroxidase in the Reduction of Lysophospholipid Hydroperoxides. Free Radical Biology and Medicine, 1997, 22, 871-883.	1.3	51
11	Activation of Nrf2 by H2O2. Methods in Enzymology, 2013, 528, 157-171.	0.4	50
12	Glutathione Conjugation of 4-Hydroxy-trans-2,3-nonenal in the Rat in Vivo, the Isolated Perfused Liver and Erythrocytes. Toxicology and Applied Pharmacology, 1999, 159, 214-223.	1.3	49
13	Modulation of plasma membrane lipid profile and microdomains by H2O2 in Saccharomyces cerevisiae. Free Radical Biology and Medicine, 2009, 46, 289-298.	1.3	49
14	Sphingolipid hydroxylation in mammals, yeast and plants â€“ An integrated view. Progress in Lipid Research, 2018, 71, 18-42.	5.3	45
15	H2O2 Delivery to Cells. Methods in Enzymology, 2013, 526, 159-173.	0.4	35
16	Superoxide Dismutase Enzymosomes: Carrier Capacity Optimization, in Vivo Behaviour and Therapeutic Activity. Pharmaceutical Research, 2015, 32, 91-102.	1.7	31
17	Down-regulation of fatty acid synthase increases the resistance of Saccharomyces cerevisiae cells to H2O2. Free Radical Biology and Medicine, 2007, 43, 1458-1465.	1.3	28
18	Modulation of NF-Î¹Bâ€“Dependent Gene Expression by H₂O₂: A Major Role for a Simple Chemical Process in a Complex Biological Response. Antioxidants and Redox Signaling, 2009, 11, 2043-2053.	2.5	26

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19	Biophysical properties of ergosterol-enriched lipid rafts in yeast and tools for their study: characterization of ergosterol/phosphatidylcholine membranes with three fluorescent membrane probes. Chemistry and Physics of Lipids, 2012, 165, 577-588.	1.5	26
20	The Cellular Steady-State of H2O2. Methods in Enzymology, 2013, 527, 3-19.	0.4	26
21	New long circulating magnetoliposomes as contrast agents for detection of ischemiaâ€“reperfusion injuries by MRI. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 207-214.	1.7	22
22	Formation and Properties of Membrane-Ordered Domains by Phytoceramide: Role of Sphingoid Base Hydroxylation. Langmuir, 2015, 31, 9410-9421.	1.6	20
23	Liquid-Ordered Phase Formation by Mammalian and Yeast Sterols: A Common Feature With Organizational Differences. Frontiers in Cell and Developmental Biology, 2020, 8, 337.	1.8	20
24	Glyceraldehyde-3-phosphate dehydrogenase is largely unresponsive to low regulatory levels of hydrogen peroxide in Saccharomyces cerevisiae. BMC Biochemistry, 2010, 11, 49.	4.4	18
25	Cellular polarity in aging: role of redox regulation and nutrition. Genes and Nutrition, 2014, 9, 371.	1.2	17
26	Therapeutic activity of superoxide dismutase-containing enzymosomes on rat liver ischaemia-reperfusion injury followed by magnetic resonance microscopy. European Journal of Pharmaceutical Sciences, 2017, 109, 464-471.	1.9	16
27	Quercetin Liposomal Nanoformulation for Ischemia and Reperfusion Injury Treatment. Pharmaceutics, 2022, 14, 104.	2.0	15
28	Glutathione metabolism in hepatomous liver of rats treated with diethylnitrosamine. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1997, 1360, 157-168.	1.8	13
29	Diagnosis of enzyme inhibition based on the degree of inhibition. Biochimica Et Biophysica Acta - General Subjects, 2003, 1624, 11-20.	1.1	13
30	A quantitative study of the cell-type specific modulation of c-Rel by hydrogen peroxide and TNF-Î±. Redox Biology, 2013, 1, 347-352.	3.9	12
31	Reorganization of plasma membrane lipid domains during conidial germination. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 156-166.	1.2	12
32	Biphasic modulation of fatty acid synthase by hydrogen peroxide in Saccharomyces cerevisiae. Archives of Biochemistry and Biophysics, 2011, 515, 107-111.	1.4	11
33	H2O2 in the Induction of NF-ÎºB-Dependent Selective Gene Expression. Methods in Enzymology, 2013, 528, 173-188.	0.4	11
34	The plasma membrane-enriched fraction proteome response during adaptation to hydrogen peroxide inSaccharomyces cerevisiae. Free Radical Research, 2012, 46, 1267-1279.	1.5	9
35	Yeast Sphingolipid-Enriched Domains and Membrane Compartments in the Absence of Mannosyldiinositolphosphorylceramide. Biomolecules, 2020, 10, 871.	1.8	9
36	Antagonist G-targeted liposomes for improved delivery of anticancer drugs in small cell lung carcinoma. International Journal of Pharmaceutics, 2022, 612, 121380.	2.6	8

#	Article	IF	Citations
37	Current aspects of breast cancer therapy and diagnosis based on a nanocarrier approach. , 2017, , 749-774.		7
38	Gene Silencing using siRNA for Preventing Liver Ischaemia-Reperfusion Injury. Current Pharmaceutical Design, 2018, 24, 2692-2700.	0.9	5
39	Regulation of the inositol transporter Itr1p by hydrogen peroxide in Saccharomyces cerevisiae. Archives of Microbiology, 2019, 201, 123-134.	1.0	3
40	Opi1p translocation to the nucleus is regulated by hydrogen peroxide inSaccharomyces cerevisiae. Yeast, 2017, 34, 383-395.	0.8	1
41	Sterol Properties Required for Microdomain Formation: From Model Systems to Living Yeast and Mammalian Cells. Biophysical Journal, 2012, 102, 298a.	0.2	0
42	Sphingolipid-Enriched Microdomains in the Plasma Membrane of Saccharomyces Cerevisiae: Ergosterol-Free Â«Lipid RaftsÂ» in the Gel Phase. Biophysical Journal, 2012, 102, 27a.	0.2	0
43	Metabolism of Superoxide Radicals and Hydrogen Peroxide in Mitochondria. Oxidative Stress and Disease, 2015, , 3-28.	0.3	0
44	Noncoding RNAs as Critical Players in Regulatory Accuracy, Redox Signaling, and Immune Cell Functions. , 2017, , 215-284.		0
45	Sphingolipid-Enriched Domains in Yeast: Biophysical Properties and Antifungal Interaction. Biophysical Journal, 2021, 120, 45a.	0.2	0