

Halyna Semchyshyn

List of Publications by Year in descending order

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26
papers

884
citations

566801

15
h-index

580395

25
g-index

26
all docs

26
docs citations

26
times ranked

1132
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Carbonyl Species <i>In Vivo</i> : Generation and Dual Biological Effects. Scientific World Journal, The, 2014, 2014, 1-10.	0.8	138
2	Healthy brain aging: Interplay between reactive species, inflammation and energy supply. Ageing Research Reviews, 2018, 43, 26-45.	5.0	79
3	Hydrogen peroxide increases the activities of regulon enzymes and the levels of oxidized proteins and lipids in. Cell Biology International, 2005, 29, 898-902.	1.4	78
4	Diethyldithiocarbamate inhibits in vivo Cu,Zn-superoxide dismutase and perturbs free radical processes in the yeast <i>Saccharomyces cerevisiae</i> cells. Biochemical and Biophysical Research Communications, 2005, 338, 1739-1744.	1.0	67
5	Possible role of superoxide dismutases in the yeast <i>Saccharomyces cerevisiae</i> under respiratory conditions. Archives of Biochemistry and Biophysics, 2005, 441, 35-40.	1.4	63
6	Effect of hydrogen peroxide on antioxidant enzyme activities in <i>Saccharomyces cerevisiae</i> is strain-specific. Biochemistry (Moscow), 2006, 71, 1013-1020.	0.7	56
7	Acetate but not propionate induces oxidative stress in baker's™ yeast <i>Saccharomyces cerevisiae</i> . Redox Report, 2011, 16, 15-23.	1.4	54
8	Fructose and glucose differentially affect aging and carbonyl/oxidative stress parameters in <i>Saccharomyces cerevisiae</i> cells. Carbohydrate Research, 2011, 346, 933-938.	1.1	53
9	Fructose protects baker's yeast against peroxide stress: potential role of catalase and superoxide dismutase. FEMS Yeast Research, 2012, 12, 761-773.	1.1	43
10	Fructation <i>In Vivo</i> : Detrimental and Protective Effects of Fructose. BioMed Research International, 2013, 2013, 1-9.	0.9	41
11	Fructose compared with glucose is more a potent glycoxidation agent in vitro, but not under carbohydrate-induced stress in vivo: potential role of antioxidant and antiglycation enzymes. Carbohydrate Research, 2014, 384, 61-69.	1.1	37
12	Hormetic Concentrations of Hydrogen Peroxide but Not Ethanol Induce Cross-Adaptation to Different Stresses in Budding Yeast. International Journal of Microbiology, 2014, 2014, 1-5.	0.9	28
13	Involvement of soxRS Regulon in Response of <i>Escherichia coli</i> to Oxidative Stress Induced by Hydrogen Peroxide. Biochemistry (Moscow), 2005, 70, 1238-1244.	0.7	21
14	Carbon Sources for Yeast Growth as a Precondition of Hydrogen Peroxide Induced Hormetic Phenotype. International Journal of Microbiology, 2015, 2015, 1-8.	0.9	17
15	Possible Reasons for Difference in Sensitivity to Oxygen of Two <i>Escherichia coli</i> Strains. Biochemistry (Moscow), 2005, 70, 424-431.	0.7	16
16	Inhibition of catalase by aminotriazole in vivo results in reduction of glucose-6-phosphate dehydrogenase activity in <i>Saccharomyces cerevisiae</i> cells. Biochemistry (Moscow), 2008, 73, 420-426.	0.7	16
17	Hydrogen peroxide-induced response in <i>E. coli</i> and <i>S. cerevisiae</i> : different stages of the flow of the genetic information. Open Life Sciences, 2009, 4, 142-153.	0.6	16
18	Hormetic Effect of H ₂ O ₂ in <i>Saccharomyces cerevisiae</i> . Dose-Response, 2016, 14, 155932581663613.	0.7	13

#	ARTICLE	IF	CITATIONS
19	Is carbonyl/AGE/RAGE stress a hallmark of the brain aging?. Pflugers Archiv European Journal of Physiology, 2021, 473, 723-734.	1.3	13
20	Increase of α -dicarbonyls in liver and receptor for advanced glycation end products on immune cells are linked to nonalcoholic fatty liver disease and liver cancer. Oncolmmunology, 2021, 10, 1874159.	2.1	9
21	Possible accumulation of non-active molecules of catalase and superoxide dismutase in <i>S. cerevisiae</i> cells under hydrogen peroxide induced stress. Open Life Sciences, 2007, 2, 326-336.	0.6	8
22	Pdr12p-dependent and -independent fluorescein extrusion from baker's yeast cells.. Acta Biochimica Polonica, 2008, 55, 595-601.	0.3	7
23	Growth on ethanol results in co-ordinated <i>Saccharomyces cerevisiae</i> response to inactivation of genes encoding superoxide dismutases. Redox Report, 2007, 12, 181-188.	1.4	6
24	Reactive Carbonyls Induce TOR- and Carbohydrate-Dependent Hormetic Response in Yeast. Scientific World Journal, The, 2020, 2020, 1-6.	0.8	3
25	Fructose-Induced Carbonyl/Oxidative Stress in <i>S. cerevisiae</i> : Involvement of TOR. Biochemistry Research International, 2016, 2016, 1-10.	1.5	2
26	Is Part of the Fructose Effects on Health Related to Increased AGE Formation?. , 2017, , 103-112.		0