

J F De Mesquita

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

493
citations

687220

13
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Revisiting yeast trehalose metabolism. <i>Current Genetics</i> , 2015, 61, 263-274.	0.8	117
2	In silico analysis and molecular dynamics simulation of human superoxide dismutase 3 (SOD3) genetic variants. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 3583-3598.	1.2	43
3	Regulation of the yeast trehalose synthase complex by cyclic AMP-dependent phosphorylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 1646-1650.	1.1	37
4	Structural Modeling and In Silico Analysis of Human Superoxide Dismutase 2. <i>PLoS ONE</i> , 2013, 8, e65558.	1.1	30
5	Amyotrophic Lateral Sclerosis Type 20 - In Silico Analysis and Molecular Dynamics Simulation of hnRNPA1. <i>PLoS ONE</i> , 2016, 11, e0158939.	1.1	29
6	Structural and Functional Analysis of Human SOD1 in Amyotrophic Lateral Sclerosis. <i>PLoS ONE</i> , 2013, 8, e81979.	1.1	26
7	In silico analysis of the V66M variant of human BDNF in psychiatric disorders: An approach to precision medicine. <i>PLoS ONE</i> , 2019, 14, e0215508.	1.1	24
8	Comprehensive in silico analysis and molecular dynamics of the superoxide dismutase 1 (SOD1) variants related to amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2021, 16, e0247841.	1.1	24
9	Evidence for a modulation of neutral trehalase activity by Ca ²⁺ and cAMP signaling pathways in <i>Saccharomyces cerevisiae</i> . <i>Brazilian Journal of Medical and Biological Research</i> , 2002, 35, 11-16.	0.7	20
10	In silico and in vivo analysis reveal a novel gene in <i>Saccharomyces cerevisiae</i> trehalose metabolism. <i>BMC Genomics</i> , 2003, 4, 45.	1.2	20
11	The effect of superoxide dismutase deficiency on cadmium stress. <i>Journal of Biochemical and Molecular Toxicology</i> , 2004, 18, 12-17.	1.4	20
12	Trehalose-6-Phosphate as a Potential Lead Candidate for the Development of Tps1 Inhibitors: Insights from the Trehalose Biosynthesis Pathway in Diverse Yeast Species. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 914-924.	1.4	20
13	Modulation of trehalase activity in <i>Saccharomyces cerevisiae</i> by an intrinsic protein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1334, 233-239.	1.1	17
14	Functional analysis of upstream activating elements in the promoter of the FBP1 gene from <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 1998, 33, 406-411.	0.8	15
15	SOD1 in amyotrophic lateral sclerosis development – in silico analysis and molecular dynamics of A4F and A4V variants. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 17822-17830.	1.2	14
16	In silico analysis of the tryptophan hydroxylase 2 (TPH2) protein variants related to psychiatric disorders. <i>PLoS ONE</i> , 2020, 15, e0229730.	1.1	14
17	In silico analysis of PFN1 related to amyotrophic lateral sclerosis. <i>PLoS ONE</i> , 2019, 14, e0215723.	1.1	10
18	In Vivo Characterization of I91T Sod2 Polymorphism of <i>Saccharomyces cerevisiae</i> . <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1078-1086.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Trehalose synthesis inhibitor: A molecular in silico drug design. Journal of Cellular Biochemistry, 2020, 121, 1114-1125.	1.2	5
20	Molecular dynamics and protein frustration analysis of human fused in Sarcoma protein variants in Amyotrophic Lateral Sclerosis type 6: An In Silico approach. PLoS ONE, 2021, 16, e0258061.	1.1	3