

Stephan Lortz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4020289/publications.pdf>

Version: 2024-02-01

15
papers

778
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1074
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of the Mitochondrial Antioxidant Defense Status Prevents Cytokine-Induced Nuclear Factor- κ B Activation in Insulin-Producing Cells. <i>Diabetes</i> , 2003, 52, 93-101.	0.6	153
2	Mitochondrial Catalase Overexpression Protects Insulin-Producing Cells Against Toxicity of Reactive Oxygen Species and Proinflammatory Cytokines. <i>Diabetes</i> , 2004, 53, 2271-2280.	0.6	133
3	Sequential inactivation of reactive oxygen species by combined overexpression of SOD isoforms and catalase in insulin-producing cells. <i>Free Radical Biology and Medicine</i> , 2003, 34, 683-688.	2.9	72
4	Cytokine toxicity in insulin-producing cells is mediated by nitro-oxidative stress-induced hydroxyl radical formation in mitochondria. <i>Journal of Molecular Medicine</i> , 2011, 89, 785-798.	3.9	58
5	Modulation of Bcl-2-related protein expression in pancreatic beta cells by pro-inflammatory cytokines and its dependence on the antioxidative defense status. <i>Molecular and Cellular Endocrinology</i> , 2011, 332, 88-96.	3.2	54
6	Peroxiredoxin 4 Improves Insulin Biosynthesis and Glucose-induced Insulin Secretion in Insulin-secreting INS-1E Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 26904-26913.	3.4	49
7	ER-resident antioxidative GPx7 and GPx8 enzyme isoforms protect insulin-secreting INS-1E β -cells against lipotoxicity by improving the ER antioxidative capacity. <i>Free Radical Biology and Medicine</i> , 2017, 112, 121-130.	2.9	45
8	The H ₂ O ₂ -sensitive HyPer protein targeted to the endoplasmic reticulum as a mirror of the oxidizing thiolâ€disulfide milieu. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1451-1458.	2.9	44
9	Effects of metformin on SGLT1, GLUT2, and GLUT5 hexose transporter gene expression in small intestine from rats. <i>Biochemical Pharmacology</i> , 1996, 51, 893-896.	4.4	39
10	TriPer, an optical probe tuned to the endoplasmic reticulum tracks changes in luminal H ₂ O ₂ . <i>BMC Biology</i> , 2017, 15, 24.	3.8	35
11	Triiodothyronine (T ₃)-mediated toxicity and induction of apoptosis in insulin-producing INS-1 cells. <i>Life Sciences</i> , 2007, 80, 2045-2050.	4.3	32
12	Induction of the intrinsic apoptosis pathway in insulin-secreting cells is dependent on oxidative damage of mitochondria but independent of caspase-12 activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1827-1835.	4.1	28
13	Hydrogen peroxide permeability of cellular membranes in insulin-producing cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183096.	2.6	16
14	Heat shock protein B1 is a key mediator of prolactin-induced beta-cell cytoprotection against oxidative stress. <i>Free Radical Biology and Medicine</i> , 2019, 134, 394-405.	2.9	15
15	HSPB1 Is Essential for Inducing Resistance to Proteotoxic Stress in Beta-Cells. <i>Cells</i> , 2021, 10, 2178.	4.1	5