Stephan Lortz

List of Publications by Year
in descending order

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

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15	778	687363 13	996975 15
papers	citations	h-index	g-index

16	16	16	1074
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HSPB1 Is Essential for Inducing Resistance to Proteotoxic Stress in Beta-Cells. Cells, 2021, 10, 2178.	4.1	5
2	Hydrogen peroxide permeability of cellular membranes in insulin-producing cells. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183096.	2.6	16
3	Heat shock protein B1 is a key mediator of prolactin-induced beta-cell cytoprotection against oxidative stress. Free Radical Biology and Medicine, 2019, 134, 394-405.	2.9	15
4	ER-resident antioxidative GPx7 and GPx8 enzyme isoforms protect insulin-secreting INS-1E Î²-cells against lipotoxicity by improving the ER antioxidative capacity. Free Radical Biology and Medicine, 2017, 112, 121-130.	2.9	45
5	TriPer, an optical probe tuned to the endoplasmic reticulum tracks changes in luminal H2O2. BMC Biology, 2017, 15, 24.	3.8	35
6	Peroxiredoxin 4 Improves Insulin Biosynthesis and Glucose-induced Insulin Secretion in Insulin-secreting INS-1E Cells. Journal of Biological Chemistry, 2014, 289, 26904-26913.	3.4	49
7	The H2O2-sensitive HyPer protein targeted to the endoplasmic reticulum as a mirror of the oxidizing thiolâ€“disulfide milieu. Free Radical Biology and Medicine, 2012, 53, 1451-1458.	2.9	44
8	Modulation of Bcl-2-related protein expression in pancreatic beta cells by pro-inflammatory cytokines and its dependence on the antioxidative defense status. Molecular and Cellular Endocrinology, 2011, 332, 88-96.	3.2	54
9	Induction of the intrinsic apoptosis pathway in insulin-secreting cells is dependent on oxidative damage of mitochondria but independent of caspase-12 activation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1827-1835.	4.1	28
10	Cytokine toxicity in insulin-producing cells is mediated by nitro-oxidative stress-induced hydroxyl radical formation in mitochondria. Journal of Molecular Medicine, 2011, 89, 785-798.	3.9	58
11	Triiodothyronine (T3)-mediated toxicity and induction of apoptosis in insulin-producing INS-1 cells. Life Sciences, 2007, 80, 2045-2050.	4.3	32
12	Mitochondrial Catalase Overexpression Protects Insulin-Producing Cells Against Toxicity of Reactive Oxygen Species and Proinflammatory Cytokines. Diabetes, 2004, 53, 2271-2280.	0.6	133
13	Sequential inactivation of reactive oxygen species by combined overexpression of SOD isoforms and catalase in insulin-producing cells. Free Radical Biology and Medicine, 2003, 34, 683-688.	2.9	72
14	Improvement of the Mitochondrial Antioxidant Defense Status Prevents Cytokine-Induced Nuclear Factor-Î¹B Activation in Insulin-Producing Cells. Diabetes, 2003, 52, 93-101.	0.6	153
15	Effects of metformin on SGLT1, GLUT2, and GLUT5 hexose transporter gene expression in small intestine from rats. Biochemical Pharmacology, 1996, 51, 893-896.	4.4	39