Matthias Elsner

List of Publications by Year
in descending order

18	611	840776 11	839539 18
papers	citations	h-index	g-index

18	18	18	972
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	AQP8 is a crucial H2O2 transporter in insulin-producing RINm5F cells. Redox Biology, 2021, 43, 101962.	9.0	26
2	The importance of aquaporin-8 for cytokine-mediated toxicity in rat insulin-producing cells. Free Radical Biology and Medicine, 2021, 174, 135-143.	2.9	8
3	Hydrogen peroxide permeability of cellular membranes in insulin-producing cells. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183096.	2.6	16
4	Rat Models of Human Type 1 Diabetes. Methods in Molecular Biology, 2020, 2128, 69-85.	0.9	7
5	Tafazzin-dependent cardiolipin composition in C6 glioma cells correlates with changes in mitochondrial and cellular functions, and cellular proliferation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 452-465.	2.4	9
6	Light-induced intracellular hydrogen peroxide generation through genetically encoded photosensitizer KillerRed-SOD1. Free Radical Research, 2018, 52, 1170-1181.	3.3	7
7	The role of lipid droplet formation in the protection of unsaturated fatty acids against palmitic acid induced lipotoxicity to rat insulin-producing cells. Nutrition and Metabolism, 2016, 13, 16.	3.0	56
8	Antagonism Between Saturated and Unsaturated Fatty Acids in ROS Mediated Lipotoxicity in Rat Insulin-Producing Cells. Cellular Physiology and Biochemistry, 2015, 36, 852-865.	1.6	63
9	Gene Transfer into Pluripotent Stem Cells via Lentiviral Transduction. Methods in Molecular Biology, 2015, 1341, 67-85.	0.9	5
10	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
11	MicroRNA Target Sites as Genetic Tools to Enhance Promoter-Reporter Specificity for the Purification of Pancreatic Progenitor Cells from Differentiated Embryonic Stem Cells. Stem Cell Reviews and Reports, 2013, 9, 555-568.	5.6	8
12	Comment on Binhai Ren et al. (2013; 15: 28â€“41): longâ€term reversal of diabetes in nonâ€obese diabetic mice by liverâ€directed gene therapy. Journal of Gene Medicine, 2013, 15, 306-308.	2.8	1
13	Reversal of Diabetes Through Gene Therapy of Diabetic Rats by Hepatic Insulin Expression via Lentiviral Transduction. Molecular Therapy, 2012, 20, 918-926.	8.2	52
14	A specific fluorescence probe for hydrogen peroxide detection in peroxisomes. Free Radical Research, 2011, 45, 501-506.	3.3	35
15	Peroxisome-Generated Hydrogen Peroxide as Important Mediator of Lipotoxicity in Insulin-Producing Cells. Diabetes, 2011, 60, 200-208.	0.6	186
16	Relation Between Triketone Structure, Generation of Reactive Oxygen Species, and Selective Toxicity of the Diabetogenic Agent Alloxan. Antioxidants and Redox Signaling, 2008, 10, 691-700.	5.4	16
17	Relative importance of cellular uptake and reactive oxygen species for the toxicity of alloxan and dialuric acid to insulin-producing cells. Free Radical Biology and Medicine, 2006, 41, 825-834.	2.9	45
18	Genetic analysis of the LEW.1AR1-iddm rat: an animal model for spontaneous diabetes mellitus. Mammalian Genome, 2005, 16, 432-441.	2.2	22