Dominika MaliÅ„ska

List of Publications by Year
in descending order

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26 papers	1,457 citations	471509 17 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	2700 citing authors

#	Article	IF	Citations
1	Adaptation of mitochondrial network dynamics and velocity of mitochondrial movement to chronic stress present in fibroblasts derived from patients with sporadic form of Alzheimerâ€™s disease. FASEB Journal, 2021, 35, e21586.	0.5	3
2	Effect of Chronic Stress Present in Fibroblasts Derived from Patients with a Sporadic Form of AD on Mitochondrial Function and Mitochondrial Turnover. Antioxidants, 2021, 10, 938.	5.1	10
3	Alteration of mitochondrial function in the livers of mice with glycogen branching enzyme deficiency. Biochimie, 2021, 186, 28-32.	2.6	1
4	Effects of plant alkaloids on mitochondrial bioenergetic parameters. Food and Chemical Toxicology, 2021, 154, 112316.	3.6	1
5	Hallmarks of oxidative stress in the livers of aged mice with mild glycogen branching enzyme deficiency. Archives of Biochemistry and Biophysics, 2020, 695, 108626.	3.0	6
6	Mitochondrial Network and Biogenesis in Response to Short and Long-Term Exposure of Human BEAS-2B Cells to Aerosol Extracts from the Tobacco Heating System 2.2. Cellular Physiology and Biochemistry, 2020, 54, 230-251.	1.6	11
7	Mitochondria as a possible target for nicotine action. Journal of Bioenergetics and Biomembranes, 2019, 51, 259-276.	2.3	61
8	Mitochondria-associated membranes in aging and senescence: structure, function, and dynamics. Cell Death and Disease, 2018, 9, 332.	6.3	140
9	Assessment of mitochondrial function following short- and long-term exposure of human bronchial epithelial cells to total particulate matter from a candidate modified-risk tobacco product and reference cigarettes. Food and Chemical Toxicology, 2018, 115, 1-12.	3.6	38
10	Quantifying ROS levels using CM-H 2 DCFDA and HyPer. Methods, 2016, 109, 3-11.	3.8	138
11	Methods to Monitor ROS Production by Fluorescence Microscopy and Fluorometry. Methods in Enzymology, 2014, 542, 243-262.	1.0	253
12	Changes in mitochondrial reactive oxygen species synthesis during differentiation of skeletal muscle cells. Mitochondrion, 2012, 12, 144-148.	3.4	60
13	Polyethylenimine-mediated impairment of mitochondrial membrane potential, respiration and membrane integrity: Implications for nucleic acid delivery and gene therapy. Mitochondrion, 2012, 12, 162-168.	3.4	46
14	Effect of mtDNA point mutations on cellular bioenergetics. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1740-1746.	1.0	50
15	Cytoprotective action of the potassium channel opener NS1619 under conditions of disrupted calcium homeostasis. Pharmacological Reports, 2011, 63, 176-183.	3.3	8
16	Complex III-dependent superoxide production of brain mitochondria contributes to seizure-related ROS formation. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 1163-1170.	1.0	70
17	Mitochondrial potassium channels and reactive oxygen species. FEBS Letters, 2010, 584, 2043-2048.	2.8	80
18	Pharmacology of mitochondrial potassium channels: dark side of the field. FEBS Letters, 2010, 584, 2063-2069.	2.8	70

#	Article	IF	Citations
19	The Cytoprotective Action of the Potassium Channel Opener BMS-191095 in C2C12 Myoblasts is Related to the Modulation of Calcium Homeostasis. Cellular Physiology and Biochemistry, 2010, 26, 235-246.	1.6	13
20	Effects of resorcylidene aminoguanidine (RAG) on selected parameters of isolated rat liver mitochondria. Chemico-Biological Interactions, 2009, 179, 280-287.	4.0	10
21	Large-conductance K+ channel opener CGS7184 as a regulator of endothelial cell function. European Journal of Pharmacology, 2009, 602, 105-111.	3.5	18
22	Chapter 23 Quantification of Superoxide Production by Mouse Brain and Skeletal Muscle Mitochondria. Methods in Enzymology, 2009, 456, 419-437.	1.0	26
23	Sites of generation of reactive oxygen species in homogenates of brain tissue determined with the use of respiratory substrates and inhibitors. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 689-695.	1.0	72
24	Lipoic acid ameliorates oxidative stress and renal injury in alloxan diabetic rabbits. Biochimie, 2008, 90, 450-459.	2.6	58
25	Mitochondrial potassium channels: From pharmacology to function. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 715-720.	1.0	69
26	Melatonin attenuates diabetes-induced oxidative stress in rabbits. Journal of Pineal Research, 2006, 40, 168-176.	7.4	144