

# Dominika MaliÅ,,ska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2646754/publications.pdf>

Version: 2024-02-01

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	Methods to Monitor ROS Production by Fluorescence Microscopy and Fluorometry. <i>Methods in Enzymology</i> , 2014, 542, 243-262.	1.0	253
2	Melatonin attenuates diabetes-induced oxidative stress in rabbits. <i>Journal of Pineal Research</i> , 2006, 40, 168-176.	7.4	144
3	Mitochondria-associated membranes in aging and senescence: structure, function, and dynamics. <i>Cell Death and Disease</i> , 2018, 9, 332.	6.3	140
4	Quantifying ROS levels using CM-H 2 DCFDA and HyPer. <i>Methods</i> , 2016, 109, 3-11.	3.8	138
5	Mitochondrial potassium channels and reactive oxygen species. <i>FEBS Letters</i> , 2010, 584, 2043-2048.	2.8	80
6	Sites of generation of reactive oxygen species in homogenates of brain tissue determined with the use of respiratory substrates and inhibitors. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 689-695.	1.0	72
7	Complex III-dependent superoxide production of brain mitochondria contributes to seizure-related ROS formation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1163-1170.	1.0	70
8	Pharmacology of mitochondrial potassium channels: dark side of the field. <i>FEBS Letters</i> , 2010, 584, 2063-2069.	2.8	70
9	Mitochondrial potassium channels: From pharmacology to function. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 715-720.	1.0	69
10	Mitochondria as a possible target for nicotine action. <i>Journal of Bioenergetics and Biomembranes</i> , 2019, 51, 259-276.	2.3	61
11	Changes in mitochondrial reactive oxygen species synthesis during differentiation of skeletal muscle cells. <i>Mitochondrion</i> , 2012, 12, 144-148.	3.4	60
12	Lipoic acid ameliorates oxidative stress and renal injury in alloxan diabetic rabbits. <i>Biochimie</i> , 2008, 90, 450-459.	2.6	58
13	Effect of mtDNA point mutations on cellular bioenergetics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1740-1746.	1.0	50
14	Polyethylenimine-mediated impairment of mitochondrial membrane potential, respiration and membrane integrity: Implications for nucleic acid delivery and gene therapy. <i>Mitochondrion</i> , 2012, 12, 162-168.	3.4	46
15	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. <i>Food and Chemical Toxicology</i> , 2018, 115, 1-12.	3.6	38
16	Chapter 23 Quantification of Superoxide Production by Mouse Brain and Skeletal Muscle Mitochondria. <i>Methods in Enzymology</i> , 2009, 456, 419-437.	1.0	26
17	Large-conductance K <sup>+</sup> channel opener CGS7184 as a regulator of endothelial cell function. <i>European Journal of Pharmacology</i> , 2009, 602, 105-111.	3.5	18
18	The Cytoprotective Action of the Potassium Channel Opener BMS-191095 in C2C12 Myoblasts is Related to the Modulation of Calcium Homeostasis. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 235-246.	1.6	13

#	ARTICLE	IF	CITATIONS
19	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
20	Effects of resorcylicidene aminoguanidine (RAG) on selected parameters of isolated rat liver mitochondria. Chemico-Biological Interactions, 2009, 179, 280-287.	4.0	10
21	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
22	Cytoprotective action of the potassium channel opener NS1619 under conditions of disrupted calcium homeostasis. Pharmacological Reports, 2011, 63, 176-183.	3.3	8
23	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
24	Adaptation of mitochondrial network dynamics and velocity of mitochondrial movement to chronic stress present in fibroblasts derived from patients with sporadic form of Alzheimer's disease. FASEB Journal, 2021, 35, e21586.	0.5	3
25	Alteration of mitochondrial function in the livers of mice with glycogen branching enzyme deficiency. Biochimie, 2021, 186, 28-32.	2.6	1
26	Effects of plant alkaloids on mitochondrial bioenergetic parameters. Food and Chemical Toxicology, 2021, 154, 112316.	3.6	1