

Dorota Dymkowska

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

619
citations

758635

12
h-index

676716

22
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25
all docs

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docs citations

25
times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria as an important target in heavy metal toxicity in rat hepatoma AS-30D cells. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 34-42.	1.3	119
2	Pantothenic acid and pantothenol increase biosynthesis of glutathione by boosting cell energetics. <i>FEBS Letters</i> , 2004, 569, 169-172.	1.3	88
3	Mitochondrial mechanisms of endothelial dysfunction. <i>Pharmacological Reports</i> , 2015, 67, 704-710.	1.5	79
4	Reactive oxygen species produced by the mitochondrial respiratory chain are involved in Cd ²⁺ -induced injury of rat ascites hepatoma AS-30D cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1568-1574.	0.5	60
5	Hyperglycaemia modifies energy metabolism and reactive oxygen species formation in endothelial cells in vitro. <i>Archives of Biochemistry and Biophysics</i> , 2014, 542, 7-13.	1.4	37
6	TNF α affects energy metabolism and stimulates biogenesis of mitochondria in EA.hy926 endothelial cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1390-1397.	1.2	34
7	Mitofusin 2 Deficiency Affects Energy Metabolism and Mitochondrial Biogenesis in MEF Cells. <i>PLoS ONE</i> , 2015, 10, e0134162.	1.1	31
8	Short-term and long-term effects of fatty acids in rat hepatoma AS-30D cells: The way to apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 152-163.	1.9	26
9	Oligomeric C-terminal truncated Bax preferentially releases cytochrome c but not adenylate kinase from mitochondria, outer membrane vesicles and proteoliposomes. <i>FEBS Letters</i> , 2001, 505, 453-459.	1.3	21
10	Effects of N-acylethanolamines on mitochondrial energetics and permeability transition. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004, 1657, 151-163.	0.5	20
11	Acyl-CoA-induced generation of reactive oxygen species in mitochondrial preparations is due to the presence of peroxisomes. <i>Free Radical Biology and Medicine</i> , 2009, 47, 503-509.	1.3	16
12	Extracellular pH Modifies Mitochondrial Control of Capacitative Calcium Entry in Jurkat Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 3516-3521.	1.6	15
13	Dystrophic mdx mouse myoblasts exhibit elevated ATP/UTP-evoked metabotropic purinergic responses and alterations in calcium signalling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1138-1151.	1.8	13
14	The involvement of autophagy in the maintenance of endothelial homeostasis: The role of mitochondria. <i>Mitochondrion</i> , 2021, 57, 131-147.	1.6	9
15	Mild palmitate treatment increases mitochondrial mass but does not affect EA.hy926 endothelial cells viability. <i>Archives of Biochemistry and Biophysics</i> , 2017, 634, 88-95.	1.4	8
16	Atorvastatin and pravastatin stimulate nitric oxide and reactive oxygen species generation, affect mitochondrial network architecture and elevate nicotinamide N-methyltransferase level in endothelial cells. <i>Journal of Applied Toxicology</i> , 2021, 41, 1076-1088.	1.4	8
17	Fatty-Acid-Induced Apoptosis in Ehrlich Ascites Tumor Cells. <i>Toxicology Mechanisms and Methods</i> , 2004, 14, 73-77.	1.3	7
18	TNF α stimulates NO release in EA.hy926 cells by activating the CaMKK β -AMPK-eNOS pathway. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 106, 57-67.	1.2	7

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19	Arachidonic acid-induced apoptosis in rat hepatoma AS-30D cells is mediated by reactive oxygen species. Acta Biochimica Polonica, 2009, 56, 711-5.	0.3	7
20	Potassium channel openers prevent palmitate-induced insulin resistance in C2C12 myotubes. Archives of Biochemistry and Biophysics, 2014, 541, 47-52.	1.4	6
21	Caspase-dependent inhibition of store-operated Ca ²⁺ entry into apoptosis-committed Jurkat cells. Biochemical and Biophysical Research Communications, 2010, 399, 198-202.	1.0	3
22	Mitofusin deficiency affects cellular energy metabolism. Pharmacological Reports, 2011, 63, 1291.	1.5	0