Magdalena Lebiedzinska

List of Publications by Year
in descending order

37	3,406	331670 21	361022 35
papers	citations	h-index	g-index

41	41	41	6174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Isolation of mitochondria-associated membranes and mitochondria from animal tissues and cells. Nature Protocols, 2009, 4, 1582-1590.	12.0	726
2	Role of the c subunit of the F_OATP synthase in mitochondrial permeability transition. Cell Cycle, 2013, 12, 674-683.	2.6	416
3	PML Regulates Apoptosis at Endoplasmic Reticulum by Modulating Calcium Release. Science, 2010, 330, 1247-1251.	12.6	360
4	Relation Between Mitochondrial Membrane Potential and ROS Formation. Methods in Molecular Biology, 2012, 810, 183-205.	0.9	318
5	A STAT3-mediated metabolic switch is involved in tumour transformation and STAT3 addiction. Aging, 2010, 2, 823-842.	3.1	231
6	Interactions between the endoplasmic reticulum, mitochondria, plasma membrane and other subcellular organelles. International Journal of Biochemistry and Cell Biology, 2009, 41, 1805-1816.	2.8	165
7	Mitochondrial permeability transition involves dissociation of F₁<scp>F_O ATP</scp> synthase dimers and Câ€ring conformation. EMBO Reports, 2017, 18, 1077-1089.	4.5	163
8	Isolation of plasma membraneâ€“associated membranes from rat liver. Nature Protocols, 2014, 9, 312-322.	12.0	129
9	Age-related changes in levels of p66Shc and serine 36-phosphorylated p66Shc in organs and mouse tissues. Archives of Biochemistry and Biophysics, 2009, 486, 73-80.	3.0	91
10	Mitochondrial fatty acid oxidation and oxidative stress: Lack of reverse electron transfer-associated production of reactive oxygen species. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 929-938.	1.0	89
11	Relation Between Mitochondrial Membrane Potential and ROS Formation. Methods in Molecular Biology, 2018, 1782, 357-381.	0.9	79
12	The role of mitochondria-associated membranes in cellular homeostasis and diseases. International Review of Cell and Molecular Biology, 2020, 350, 119-196.	3.2	77
13	Oxidative stress-dependent p66Shc phosphorylation in skin fibroblasts of children with mitochondrial disorders. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 952-960.	1.0	65
14	Mitochondria, oxidative stress and nonalcoholic fatty liver disease: A complex relationship. European Journal of Clinical Investigation, 2022, 52, e13622.	3.4	63
15	The mystery of mitochondria-ER contact sites in physiology and pathology: A cancer perspective. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165834.	3.8	51
16	Mitochondrial dysfunction in primary human fibroblasts triggers an adaptive cell survival program that requires AMPK-Î±. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 529-540.	3.8	40
17	Regulation and protection of mitochondrial physiology by sirtuins. Mitochondrion, 2012, 12, 66-76.	3.4	39
18	PGC-1Î² mediates adaptive chemoresistance associated with mitochondrial DNA mutations. Oncogene, 2013, 32, 2592-2600.	5.9	35

#	Article	IF	Citations
19	Cardiac mitochondrial dysfunction during hyperglycemiaâ€"The role of oxidative stress and p66Shc signaling. International Journal of Biochemistry and Cell Biology, 2013, 45, 114-122.	2.8	33
20	The interplay between p66Shc, reactive oxygen species and cancer cell metabolism. European Journal of Clinical Investigation, 2015, 45, 25-31.	3.4	28
21	Left ventricular noncompaction (LVNC) and low mitochondrial membrane potential are specific for Barth syndrome. Journal of Inherited Metabolic Disease, 2013, 36, 929-937.	3.6	23
22	A naturally occurring mutation in ATP synthase subunit c is associated with increased damage following hypoxia/reoxygenation in STEMI patients. Cell Reports, 2021, 35, 108983.	6.4	21
23	Plasma membrane associated membranes (PAM) from Jurkat cells contain STIM1 protein. International Journal of Biochemistry and Cell Biology, 2009, 41, 2440-2449.	2.8	20
24	p66Shc Aging Protein in Control of Fibroblasts Cell Fate. International Journal of Molecular Sciences, 2011, 12, 5373-5389.	4.1	19
25	Disrupted ATP synthase activity and mitochondrial hyperpolarisation-dependent oxidative stress is associated with p66Shc phosphorylation in fibroblasts of NARP patients. International Journal of Biochemistry and Cell Biology, 2013, 45, 141-150.	2.8	18
26	Differential effects of selenium compounds on glucose synthesis in rabbit kidney-cortex tubules and hepatocytes. In vitro and in vivo studies. Journal of Inorganic Biochemistry, 2007, 101, 493-505.	3.5	16
27	Carvedilol and antioxidant proteins in a type I diabetes animal model. European Journal of Clinical Investigation, 2017, 47, 19-29.	3.4	16
28	Mitochondrial Tolerance to Drugs and Toxic Agents in Ageing and Disease. Current Drug Targets, 2011, 12, 827-849.	2.1	16
29	Differential action of methylselenocysteine in control and alloxan-diabetic rabbits. Chemico-Biological Interactions, 2009, 177, 161-171.	4.0	13
30	Increased reactive oxygen species (ROS) production and low catalase level in fibroblasts of a girl with MEGDEL association (Leigh syndrome, deafness, 3-methylglutaconic aciduria). , 2011, 49, 56-63.		11
31	Inhibition by purine nucleotides of the release of reactive oxygen species from muscle mitochondria: Indication for a function of uncoupling proteins as superoxide anion transporters. Biochemical and Biophysical Research Communications, 2011, 407, 772-776.	2.1	10
32	MARC1 p.A165T variant is associated with decreased markers of liver injury and enhanced antioxidant capacity in autoimmune hepatitis. Scientific Reports, 2021, 11, 24407.	3.3	10
33	Regulation of PKCÎ² levels and autophagy by PML is essential for high-glucose-dependent mesenchymal stem cell adipogenesis. International Journal of Obesity, 2019, 43, 963-973.	3.4	6
34	Multiomic analysis on human cell model of wolfram syndrome reveals changes in mitochondrial morphology and function. Cell Communication and Signaling, 2021, 19, 116.	6.5	6
35	Measuring p66Shc Signaling Pathway Activation and Mitochondrial Translocation in Cultured Cells. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2015, 66, 25.6.1-25.6.21.	1.1	1
36	An Update on Isolation of Functional Mitochondria from Cells for Bioenergetics Studies. Methods in Molecular Biology, 2021, 2310, 79-89.	0.9	1

#	Article	IF	Citations
37	Ras, TrkB, and ShcA Protein Expression Patterns in Pediatric Brain Tumors. Journal of Clinical Medicine, 2021, 10, 2219.	2.4	0