

Jan Jezek

List of Publications by Year in descending order

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17
papers

707
citations

686830

13
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Oxygen Species and Mitochondrial Dynamics: The Yin and Yang of Mitochondrial Dysfunction and Cancer Progression. <i>Antioxidants</i> , 2018, 7, 13.	2.2	325
2	H ₂ O ₂ -Activated Mitochondrial Phospholipase iPLA ₂ ³ Prevents Lipotoxic Oxidative Stress in Synergy with UCP2, Amplifies Signaling via G-Protein-Coupled Receptor GPR40, and Regulates Insulin Secretion in Pancreatic β -Cells. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 958-972.	2.5	45
3	Mitochondrial Complex I superoxide production is attenuated by uncoupling. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2098-2109.	1.2	41
4	Pro-oxidant mitochondrial matrix-targeted ubiquinone MitoQ10 acts as anti-oxidant at retarded electron transport or proton pumping within Complex I. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1697-1707.	1.2	41
5	Antioxidant activity by a synergy of redox-sensitive mitochondrial phospholipase A2 and uncoupling protein-2 in lung and spleen. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 816-825.	1.2	35
6	Potential of Mitochondria-Targeted Antioxidants to Prevent Oxidative Stress in Pancreatic β -cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	30
7	Cyclin C: The Story of a Non-Cycling Cyclin. <i>Biology</i> , 2019, 8, 3.	1.3	28
8	Dehydrosilybin attenuates the production of ROS in rat cardiomyocyte mitochondria with an uncoupler-like mechanism. <i>Journal of Bioenergetics and Biomembranes</i> , 2010, 42, 499-509.	1.0	27
9	Mitochondrial translocation of cyclin C stimulates intrinsic apoptosis through Bax recruitment. <i>EMBO Reports</i> , 2019, 20, e47425.	2.0	27
10	Mitochondrial Superoxide Production Decreases on Glucose-Stimulated Insulin Secretion in Pancreatic β Cells Due to Decreasing Mitochondrial Matrix NADH/NAD ⁺ Ratio. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 789-815.	2.5	25
11	The Impact of Mitochondrial Fission-Stimulated ROS Production on Pro-Apoptotic Chemotherapy. <i>Biology</i> , 2021, 10, 33.	1.3	22
12	Aglycemia keeps mitochondrial oxidative phosphorylation under hypoxic conditions in HepG2 cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 467-476.	1.0	18
13	Antioxidant mechanism of mitochondria-targeted plastoquinone SkQ1 is suppressed in aglycemic HepG2 cells dependent on oxidative phosphorylation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 750-762.	0.5	14
14	Aglycemic HepG2 Cells Switch From Aminotransferase Glutaminolytic Pathway of Pyruvate Utilization to Complete Krebs Cycle at Hypoxia. <i>Frontiers in Endocrinology</i> , 2018, 9, 637.	1.5	11
15	Synergistic repression of thyroid hyperplasia by cyclin C and Pten. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	9
16	Cytoprotective activity of mitochondrial uncoupling protein β in lung and spleen. <i>FEBS Open Bio</i> , 2018, 8, 692-701.	1.0	6
17	Aberrant cyclin C nuclear release induces mitochondrial fragmentation and dysfunction in MED13L syndrome fibroblasts. <i>IScience</i> , 2022, 25, 103823.	1.9	3