

Jan Jezek

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

707
citations

686830

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887659

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17
docs citations

17
times ranked

1321
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Aberrant cyclin C nuclear release induces mitochondrial fragmentation and dysfunction in MED13L syndrome fibroblasts. <i>IScience</i> , 2022, 25, 103823. | 1.9 | 3 |
| 2 | The Impact of Mitochondrial Fission-Stimulated ROS Production on Pro-Apoptotic Chemotherapy. <i>Biology</i> , 2021, 10, 33. | 1.3 | 22 |
| 3 | 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 |
| 4 | Mitochondrial translocation of cyclin C stimulates intrinsic apoptosis through Bax recruitment. <i>EMBO Reports</i> , 2019, 20, e47425. | 2.0 | 27 |
| 5 | 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 |
| 6 | Synergistic repression of thyroid hyperplasia by cyclin C and Pten. <i>Journal of Cell Science</i> , 2019, 132, . | 1.2 | 9 |
| 7 | Cyclin C: The Story of a Non-Cycling Cyclin. <i>Biology</i> , 2019, 8, 3. | 1.3 | 28 |
| 8 | Cytoprotective activity of mitochondrial uncoupling protein ϵ 2 in lung and spleen. <i>FEBS Open Bio</i> , 2018, 8, 692-701. | 1.0 | 6 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | H ₂ O ₂ -Activated Mitochondrial Phospholipase iPLA ₂ ³ Prevents Lipotoxic Oxidative Stress in Synergy with UCP2, Amplifies Signaling via G-Protein ϵ Coupled Receptor GPR40, and Regulates Insulin Secretion in Pancreatic β -Cells. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 958-972. | 2.5 | 45 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |