# Alicia J Kowaltowski

List of Publications by Year
in descending order

| # | Article | IF | Citations |
| --- | --- | --- | --- |
| 1 | <scp>MS</scp>â€Driven Metabolic Alterations Are Recapitulated in <scp>iPSC</scp>â€Derived Astrocytes. Annals of Neurology, 2022, 91, 652-669. | 5.3 | 5 |
| 2 | Disruption of polycystin-1 cleavage leads to cardiac metabolic rewiring in mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166371. | 3.8 | 0 |
| 3 | Regulation of kidney mitochondrial function by caloric restriction. American Journal of Physiology - Renal Physiology, 2022, 323, F92-F106. | 2.7 | 4 |
| 4 | Cold Exposure and the Metabolism of Mice, Men, and Other Wonderful Creatures. Physiology, 2022, 37, 253-259. | 3.1 | 8 |
| 5 | Responsible Science Assessment: downplaying indexes, boosting quality. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20191513. | 0.8 | 6 |
| 6 | Changes in mitochondrial morphology modulate LPS-induced loss of calcium homeostasis in BV-2 microglial cells. Journal of Bioenergetics and Biomembranes, 2021, 53, 109-118. | 2.3 | 8 |
| 7 | Unveiling the contribution of the reproductive system of individual Caenorhabditis elegans on oxygen consumption by single-point scanning electrochemical microscopy measurements. Analytica Chimica Acta, 2021, 1146, 88-97. | 5.4 | 7 |
| 8 | Mitochondrial K+ Transport: Modulation and Functional Consequences. Molecules, 2021, 26, 2935. | 3.8 | 14 |
| 9 | Increased glycolysis is an early consequence of palmitate lipotoxicity mediated by redox signaling. Redox Biology, 2021, 45, 102026. | 9.0 | 15 |
| 10 | Neurological disorders and mitochondria. Molecular Aspects of Medicine, 2020, 71, 100826. | 6.4 | 60 |
| 11 | Mitochondria: New developments in pathophysiology. Molecular Aspects of Medicine, 2020, 71, 100841. | 6.4 | 3 |
| 12 | A new target for an old DUB: UCH-L1 regulates mitofusin-2 levels, altering mitochondrial morphology, function and calcium uptake. Redox Biology, 2020, 37, 101676. | 9.0 | 17 |
| 13 | Calorie restriction changes muscle satellite cell proliferation in a manner independent of metabolic modulation. Mechanisms of Ageing and Development, 2020, 192, 111362. | 4.6 | 9 |
| 14 | Satellite cell selfâ€renewal in endurance exercise is mediated by inhibition of mitochondrial oxygen consumption. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 1661-1676. | 7.3 | 31 |
| 15 | Mice born to females with oocyte-specific deletion of mitofusin 2 have increased weight gain and impaired glucose homeostasis. Molecular Human Reproduction, 2020, 26, 938-952. | 2.8 | 5 |
| 16 | Functional changes induced by caloric restriction in cardiac and skeletal muscle mitochondria. Journal of Bioenergetics and Biomembranes, 2020, 52, 269-277. | 2.3 | 18 |
| 17 | Diazoxide Modulates Cardiac Hypertrophy by Targeting H2O2 Generation and Mitochondrial Superoxide Dismutase Activity. Current Molecular Pharmacology, 2020, 13, 76-83. | 1.5 | 10 |
| 18 | Mitochondrial morphology regulates organellar Ca<sup>2+</sup> uptake and changes cellular Ca<sup>2+</sup> homeostasis. FASEB Journal, 2019, 33, 13176-13188. | 0.5 | 90 |

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|---|---|---|---|
| 19 | Plan S: Unrealistic capped fee structure. Science, 2019, 363, 461-461. | 12.6 | 30 |
| 20 | Distinct metabolic patterns during microglial remodeling by oleate and palmitate. Bioscience Reports, 2019, 39, . | 2.4 | 30 |
| 21 | Strategies to detect mitochondrial oxidants. Redox Biology, 2019, 21, 101065. | 9.0 | 40 |
| 22 | Fasting promotes functional changes in liver mitochondria. Biochimica Et Biophysica Acta - Bioenergetics, 2019, 1860, 129-135. | 1.0 | 17 |
| 23 | Where do we aspire to publish? A position paper on scientific communication in biochemistry and molecular biology. Brazilian Journal of Medical and Biological Research, 2019, 52, e8935. | 1.5 | 1 |
| 24 | Intermittent Fasting Effects on the Central Nervous System: How Hunger Modulates Brain Function. , 2019, , 1243-1260. | | 0 |
| 25 | Cell culture models of fatty acid overload: Problems and solutions. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 143-151. | 2.4 | 87 |
| 26 | Mitochondrial calcium transport and the redox nature of the calcium-induced membrane permeability transition. Free Radical Biology and Medicine, 2018, 129, 1-24. | 2.9 | 90 |
| 27 | Soluble Uric Acid Activates the NLRP3 Inflammasome. Scientific Reports, 2017, 7, 39884. | 3.3 | 259 |
| 28 | Calorie restriction promotes cardiolipin biosynthesis and distribution between mitochondrial membranes. Mechanisms of Ageing and Development, 2017, 162, 9-17. | 4.6 | 21 |
| 29 | Caloric restriction protects livers from ischemia/reperfusion damage by preventing Ca2+-induced mitochondrial permeability transition. Free Radical Biology and Medicine, 2017, 110, 219-227. | 2.9 | 35 |
| 30 | Exercise reestablishes autophagic flux and mitochondrial quality control in heart failure. Autophagy, 2017, 13, 1304-1317. | 9.1 | 110 |
| 31 | An active-learning methodology for teaching oxidative phosphorylation. Medical Education, 2017, 51, 1169-1170. | 2.1 | 5 |
| 32 | Caloric Restriction Promotes Structural and Metabolic Changes in the Skin. Cell Reports, 2017, 20, 2678-2692. | 6.4 | 48 |
| 33 | Single Cell Oxygen Mapping (SCOM) by Scanning Electrochemical Microscopy Uncovers Heterogeneous Intracellular Oxygen Consumption. Scientific Reports, 2017, 7, 11428. | 3.3 | 19 |
| 34 | Intermittent Fasting Effects on the Central Nervous System: How Hunger Modulates Brain Function. , 2017, , 1-18. | | 1 |
| 35 | Diazoxide prevents reactive oxygen species and mitochondrial damage, leading to anti-hypertrophic effects. Chemico-Biological Interactions, 2017, 261, 50-55. | 4.0 | 20 |
| 36 | Caloric restriction increases brain mitochondrial calcium retention capacity and protects against excitotoxicity. Aging Cell, 2017, 16, 73-81. | 6.7 | 75 |

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|---|---|---|---|
| 37 | Bicarbonate Increases Ischemia-Reperfusion Damage by Inhibiting Mitophagy. PLoS ONE, 2016, 11, e0167678. | 2.5 | 22 |
| 38 | Diluted serum from calorieâ€•restricted animals promotes mitochondrial Î²â€•cell adaptations and protect against glucolipotoxicity. FEBS Journal, 2016, 283, 822-833. | 4.7 | 25 |
| 39 | Mitochondrial form, function and signalling in aging. Biochemical Journal, 2016, 473, 3421-3449. | 3.7 | 30 |
| 40 | Bioenergetic profiling in the skin. Experimental Dermatology, 2016, 25, 147-148. | 2.9 | 7 |
| 41 | Murine Mesenchymal Stem Cell Commitment to Differentiation Is Regulated by Mitochondrial Dynamics. Stem Cells, 2016, 34, 743-755. | 3.2 | 164 |
| 42 | Effects of high fat diets on rodent liver bioenergetics and oxidative imbalance. Redox Biology, 2016, 8, 216-225. | 9.0 | 127 |
| 43 | Intermittent Fasting Results in Tissue-Specific Changes in Bioenergetics and Redox State. PLoS ONE, 2015, 10, e0120413. | 2.5 | 57 |
| 44 | Mitochondrial Retrograde Signaling: Triggers, Pathways, and Outcomes. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-10. | 4.0 | 121 |
| 45 | RTG1- and RTG2-dependent retrograde signaling controls mitochondrial activity and stress resistance in Saccharomyces cerevisiae. Free Radical Biology and Medicine, 2015, 81, 30-37. | 2.9 | 27 |
| 46 | Cardiolipin is a key determinant for mtDNA stability and segregation during mitochondrial stress. Biochimica Et Biophysica Acta - Bioenergetics, 2015, 1847, 587-598. | 1.0 | 46 |
| 47 | H2O2 release from the very long chain acyl-CoA dehydrogenase. Redox Biology, 2015, 4, 375-380. | 9.0 | 46 |
| 48 | Phosphatidylglycerol-derived phospholipids have a universal, domain-crossing role in stress responses. Archives of Biochemistry and Biophysics, 2015, 585, 90-97. | 3.0 | 25 |
| 49 | Dietary restriction in cerebral bioenergetics and redox state. Redox Biology, 2014, 2, 296-304. | 9.0 | 41 |
| 50 | An Anoxia-starvation Model for Ischemia/Reperfusion in <em>C. elegans</em>. Journal of Visualized Experiments, 2014, , . | 0.3 | 2 |
| 51 | Dietary restriction in cerebral bioenergetics and redox state. , 2014, 2, 296-296. | | 1 |
| 52 | Mitochondria as a Source of Reactive Oxygen and Nitrogen Species: From Molecular Mechanisms to Human Health. Antioxidants and Redox Signaling, 2013, 18, 2029-2074. | 5.4 | 344 |
| 53 | <i>nde1</i> deletion improves mitochondrial DNA maintenance in <i>Saccharomyces cerevisiae</i> coenzyme Q mutants. Biochemical Journal, 2013, 449, 595-603. | 3.7 | 21 |
| 54 | Calorie Restriction Hysteretically Primes Aging Saccharomyces cerevisiae toward More Effective Oxidative Metabolism. PLoS ONE, 2013, 8, e56388. | 2.5 | 25 |

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|---|---|---|---|
| 55 | Deletion of the transcriptional regulator opi1p decreases cardiolipin content and disrupts mitochondrial metabolism in Saccharomyces cerevisiae. Fungal Genetics and Biology, 2013, 60, 150-158. | 2.1 | 7 |
| 56 | Bicarbonate modulates oxidative and functional damage in ischemiaâ€“reperfusion. Free Radical Biology and Medicine, 2013, 55, 46-53. | 2.9 | 16 |
| 57 | Mitochondrial metabolism in aging: Effect of dietary interventions. Ageing Research Reviews, 2013, 12, 22-28. | 10.9 | 14 |
| 58 | Diet-Sensitive Sources of Reactive Oxygen Species in Liver Mitochondria: Role of Very Long Chain Acyl-CoA Dehydrogenases. PLoS ONE, 2013, 8, e77088. | 2.5 | 60 |
| 59 | Exercise Training Restores Cardiac Protein Quality Control in Heart Failure. PLoS ONE, 2012, 7, e52764. | 2.5 | 64 |
| 60 | Calorie restriction increases cerebral mitochondrial respiratory capacity in a NOâ€¢-mediated mechanism: Impact on neuronal survival. Free Radical Biology and Medicine, 2012, 52, 1236-1241. | 2.9 | 54 |
| 61 | Mitochondrial compartmentalization of redox processes. Free Radical Biology and Medicine, 2012, 52, 2201-2208. | 2.9 | 69 |
| 62 | Serum from Calorie-Restricted Rats Activates Vascular Cell eNOS through Enhanced Insulin Signaling Mediated by Adiponectin. PLoS ONE, 2012, 7, e31155. | 2.5 | 17 |
| 63 | Mild Mitochondrial Uncoupling and Calorie Restriction Increase Fasting eNOS, Akt and Mitochondrial Biogenesis. PLoS ONE, 2011, 6, e18433. | 2.5 | 71 |
| 64 | Aging and calorie restriction modulate yeast redox state, oxidized protein removal, and the ubiquitinâ€“proteasome system. Free Radical Biology and Medicine, 2011, 51, 664-670. | 2.9 | 36 |
| 65 | Long-term intermittent feeding, but not caloric restriction, leads to redox imbalance, insulin receptor nitration, and glucose intolerance. Free Radical Biology and Medicine, 2011, 51, 1454-1460. | 2.9 | 57 |
| 66 | Redox regulation of the mitochondrial KATP channel in cardioprotection. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 1309-1315. | 4.1 | 87 |
| 67 | Mitochondrial energy metabolism in neurodegeneration associated with methylmalonic acidemia. Journal of Bioenergetics and Biomembranes, 2011, 43, 39-46. | 2.3 | 62 |
| 68 | Neuronal differentiation involves a shift from glucose oxidation to fermentation. Journal of Bioenergetics and Biomembranes, 2011, 43, 531-539. | 2.3 | 14 |
| 69 | Respiratory and TCA cycle activities affect S. cerevisiae lifespan, response to caloric restriction and mtDNA stability. Journal of Bioenergetics and Biomembranes, 2011, 43, 483-491. | 2.3 | 10 |
| 70 | Mild Mitochondrial Uncoupling as a Therapeutic Strategy. Current Drug Targets, 2011, 12, 783-789. | 2.1 | 71 |
| 71 | Caloric restriction and redox state: Does this diet increase or decrease oxidant production?. Redox Report, 2011, 16, 237-241. | 4.5 | 30 |
| 72 | Effects of a high fat diet on liver mitochondria: increased ATP-sensitive K+ channel activity and reactive oxygen species generation. Journal of Bioenergetics and Biomembranes, 2010, 42, 245-253. | 2.3 | 24 |

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|---|---|---|---|
| 73 | Yeast as a model to study mitochondrial mechanisms in ageing. Mechanisms of Ageing and Development, 2010, 131, 494-502. | 4.6 | 40 |
| 74 | Mitochondrial ion transport pathways: Role in metabolic diseases. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 832-838. | 1.0 | 46 |
| 75 | <i>Saccharomycesâ€ƒcerevisiae coq10</i> null mutants are responsive to antimycin A. FEBS Journal, 2010, 277, 4530-4538. | 4.7 | 19 |
| 76 | Potent Cardioprotective Effect of the 4-Anilinoquinazoline Derivative PD153035: Involvement of Mitochondrial KATP Channel Activation. PLoS ONE, 2010, 5, e10666. | 2.5 | 10 |
| 77 | Commonly adopted caloric restriction protocols often involve malnutrition. Ageing Research Reviews, 2010, 9, 424-430. | 10.9 | 56 |
| 78 | Mitochondrial Reactive Oxygen Species in Myocardial Pre- and Postconditioning. , 2010, , 109-123. | | 0 |
| 79 | Tissue-, substrate-, and site-specific characteristics of mitochondrial reactive oxygen species generation. Free Radical Biology and Medicine, 2009, 46, 1283-1297. | 2.9 | 369 |
| 80 | Mitochondria and reactive oxygen species. Free Radical Biology and Medicine, 2009, 47, 333-343. | 2.9 | 904 |
| 81 | Mitochondrial ATP-sensitive K+ channels as redox signals to liver mitochondria in response to hypertriglyceridemia. Free Radical Biology and Medicine, 2009, 47, 1432-1439. | 2.9 | 35 |
| 82 | Cross-Talk Between Mitochondria and NADPH Oxidase: Effects of Mild Mitochondrial Dysfunction on Angiotensin II-Mediated Increase in Nox Isoform Expression and Activity in Vascular Smooth Muscle Cells. Antioxidants and Redox Signaling, 2009, 11, 1265-1278. | 5.4 | 120 |
| 83 | Nicorandil protects cardiac mitochondria against permeability transition induced by ischemia-reperfusion. Journal of Bioenergetics and Biomembranes, 2008, 40, 95-102. | 2.3 | 24 |
| 84 | trans,trans-2,4-decadienal induces mitochondrial dysfunction and oxidative stress. Journal of Bioenergetics and Biomembranes, 2008, 40, 103-109. | 2.3 | 10 |
| 85 | Increased aerobic metabolism is essential for the beneficial effects of caloric restriction on yeast life span. Journal of Bioenergetics and Biomembranes, 2008, 40, 381-8. | 2.3 | 49 |
| 86 | Redox properties of the adenoside triphosphateâ€sensitive K<sup>+</sup> channel in brain mitochondria. Journal of Neuroscience Research, 2008, 86, 1548-1556. | 2.9 | 48 |
| 87 | Mild mitochondrial uncoupling in mice affects energy metabolism, redox balance and longevity. Aging Cell, 2008, 7, 552-560. | 6.7 | 285 |
| 88 | Pharmacological and physiological stimuli do not promote Ca2+-sensitive K+channel activity in isolated heart mitochondria. Cardiovascular Research, 2007, 73, 720-728. | 3.8 | 49 |
| 89 | Dihydrolipoyl dehydrogenase as a source of reactive oxygen species inhibited by caloric restriction and involved in Saccharomyces cerevisiae aging. FASEB Journal, 2007, 21, 274-283. | 0.5 | 116 |
| 90 | Mitochondrial ATP-sensitive K+ channels are redox-sensitive pathways that control reactive oxygen species production. Free Radical Biology and Medicine, 2007, 42, 1039-1048. | 2.9 | 106 |

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|---|---|---|---|
| 91 | Mitochondrial Energy Metabolism and Redox State in Dyslipidemias. IUBMB Life, 2007, 59, 263-268. | 3.4 | 22 |
| 92 | Ischemic preconditioning enhances fatty acid-dependent mitochondrial uncoupling. Journal of Bioenergetics and Biomembranes, 2007, 39, 313-320. | 2.3 | 14 |
| 93 | Hyperlipidemic Mice Present Enhanced Catabolism and Higher Mitochondrial ATP-Sensitive K+ Channel Activity. Gastroenterology, 2006, 131, 1228-1234. | 1.3 | 35 |
| 94 | Diazoxide protects against methylmalonate-induced neuronal toxicity. Experimental Neurology, 2006, 201, 165-171. | 4.1 | 25 |
| 95 | Tissue protection mediated by mitochondrial K+ channels. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 202-212. | 3.8 | 87 |
| 96 | Mitochondrial Ca2+ transport, permeability transition and oxidative stress in cell death: implications in cardiotoxicity, neurodegeneration and dyslipidemias. Frontiers in Bioscience - Landmark, 2006, 11, 2554. | 3.0 | 66 |
| 97 | Inhibition of specific electron transport pathways leads to oxidative stress and decreased Candida albicans proliferation. Journal of Bioenergetics and Biomembranes, 2006, 38, 129-135. | 2.3 | 65 |
| 98 | Ischemic preconditioning requires increases in reactive oxygen release independent of mitochondrial K+ channel activity. Free Radical Biology and Medicine, 2006, 40, 469-479. | 2.9 | 61 |
| 99 | Mitochondrial ATP-Sensitive K+ Channels Prevent Oxidative Stress, Permeability Transition and Cell Death. Journal of Bioenergetics and Biomembranes, 2005, 37, 75-82. | 2.3 | 86 |
| 100 | Mitochondrial K+ transport and cardiac protection during ischemia/reperfusion. Brazilian Journal of Medical and Biological Research, 2005, 38, 345-352. | 1.5 | 12 |
| 101 | Redox Mechanisms of Cytoprotection by Bcl-2. Antioxidants and Redox Signaling, 2005, 7, 508-514. | 5.4 | 82 |
| 102 | Binding, Aggregation and Photochemical Properties of Methylene Blue in Mitochondrial Suspensions. Photochemistry and Photobiology, 2004, 79, 227. | 2.5 | 163 |
| 103 | Mitochondrial permeability transition in neuronal damage promoted by Ca2+ and respiratory chain complex II inhibition. Journal of Neurochemistry, 2004, 90, 1025-1035. | 3.9 | 79 |
| 104 | Bcl-2 family proteins regulate mitochondrial reactive oxygen production and protect against oxidative stress. Free Radical Biology and Medicine, 2004, 37, 1845-1853. | 2.9 | 77 |
| 105 | A Highly Active ATP-Insensitive K+Import Pathway in Plant Mitochondria. Journal of Bioenergetics and Biomembranes, 2004, 36, 195-202. | 2.3 | 33 |
| 106 | Protection Against Ischemic Brain Injury by Inhibition of Mitochondrial Oxidative Stress. Journal of Bioenergetics and Biomembranes, 2004, 36, 347-352. | 2.3 | 137 |
| 107 | Phosphate Increases Mitochondrial Reactive Oxygen Species Release. Free Radical Research, 2004, 38, 1113-1118. | 3.3 | 34 |
| 108 | Higher Respiratory Activity Decreases Mitochondrial Reactive Oxygen Release and Increases Life Span in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2004, 279, 49883-49888. | 3.4 | 283 |

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|---|---|---|---|
| 109 | Glutathione and thioredoxin peroxidases mediate susceptibility of yeast mitochondria to Ca2+-induced damage. Archives of Biochemistry and Biophysics, 2004, 425, 14-24. | 3.0 | 34 |
| 110 | Binding, aggregation and photochemical properties of methylene blue in mitochondrial suspensions. Photochemistry and Photobiology, 2004, 79, 227-232. | 2.5 | 128 |
| 111 | H2O2 generation in Saccharomyces cerevisiae respiratory pet mutants: effect of cytochrome c. Free Radical Biology and Medicine, 2003, 35, 179-188. | 2.9 | 57 |
| 112 | Mitochondrial ATP-sensitive K+channel opening decreases reactive oxygen species generation. FEBS Letters, 2003, 536, 51-55. | 2.8 | 123 |
| 113 | Ischemic preconditioning inhibits mitochondrial respiration, increases H2O2 release, and enhances K+ transport. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H154-H162. | 3.2 | 64 |
| 114 | ATP-sensitive K<sup>+</sup>channels in renal mitochondria. American Journal of Physiology - Renal Physiology, 2003, 285, F1291-F1296. | 2.7 | 61 |
| 115 | Effect of Bcl-2 Overexpression on Mitochondrial Structure and Function. Journal of Biological Chemistry, 2002, 277, 42802-42807. | 3.4 | 122 |
| 116 | [25] Thiol enzymes protecting mitochondria against oxidative damage. Methods in Enzymology, 2002, 348, 260-270. | 1.0 | 34 |
| 117 | Mechanisms by which opening the mitochondrial ATP- sensitive K<sup>+</sup>channel protects the ischemic heart. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H284-H295. | 3.2 | 192 |
| 118 | Opening of mitochondrial K+ channels increases ischemic ATP levels by preventing hydrolysis. Journal of Bioenergetics and Biomembranes, 2002, 34, 285-298. | 2.3 | 36 |
| 119 | Mitochondrial permeability transition and oxidative stress. FEBS Letters, 2001, 495, 12-15. | 2.8 | 722 |
| 120 | Bioenergetic consequences of opening the ATP-sensitive K<sup>+</sup>channel of heart mitochondria. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H649-H657. | 3.2 | 305 |
| 121 | Identification and Properties of a Novel Intracellular (Mitochondrial) ATP-sensitive Potassium Channel in Brain. Journal of Biological Chemistry, 2001, 276, 33369-33374. | 3.4 | 257 |
| 122 | Catalases and thioredoxin peroxidase protectSaccharomyces cerevisiaeagainst Ca2+-induced mitochondrial membrane permeabilization and cell death. FEBS Letters, 2000, 473, 177-182. | 2.8 | 60 |
| 123 | Mitochondrial damage induced by conditions of oxidative stress. Free Radical Biology and Medicine, 1999, 26, 463-471. | 2.9 | 720 |
| 124 | Activation of the potato plant uncoupling mitochondrial protein inhibits reactive oxygen species generation by the respiratory chain. FEBS Letters, 1998, 425, 213-216. | 2.8 | 147 |
| 125 | Effect of Inorganic Phosphate Concentration on the Nature of Inner Mitochondrial Membrane Alterations Mediated by Ca2+ Ions. Journal of Biological Chemistry, 1996, 271, 2929-2934. | 3.4 | 169 |
| 126 | Permeabilization of the inner mitochondrial membrane by Ca2+ ions is stimulated by t-butyl hydroperoxide and mediated by reactive oxygen species generated by mitochondria. Free Radical Biology and Medicine, 1995, 18, 479-486. | 2.9 | 218 |