

Susana Cadenas

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

5,817
citations

201674

27
h-index

395702

33
g-index

33
all docs

33
docs citations

33
times ranked

8417
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Superoxide activates mitochondrial uncoupling proteins. <i>Nature</i> , 2002, 415, 96-99. | 27.8 | 1,236 |
| 2 | Antioxidant responses and cellular adjustments to oxidative stress. <i>Redox Biology</i> , 2015, 6, 183-197. | 9.0 | 859 |
| 3 | Mice overexpressing human uncoupling protein-3 in skeletal muscle are hyperphagic and lean. <i>Nature</i> , 2000, 406, 415-418. | 27.8 | 560 |
| 4 | ROS and redox signaling in myocardial ischemia-reperfusion injury and cardioprotection. <i>Free Radical Biology and Medicine</i> , 2018, 117, 76-89. | 2.9 | 549 |
| 5 | Mitochondrial uncoupling, ROS generation and cardioprotection. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 940-950. | 1.0 | 356 |
| 6 | Nitric oxide signaling: Classical, less classical, and nonclassical mechanisms. <i>Free Radical Biology and Medicine</i> , 2011, 51, 17-29. | 2.9 | 294 |
| 7 | Induction of the Mitochondrial NDUF4L2 Protein by HIF-1 α Decreases Oxygen Consumption by Inhibiting Complex I Activity. <i>Cell Metabolism</i> , 2011, 14, 768-779. | 16.2 | 276 |
| 8 | UCP2 and UCP3 rise in starved rat skeletal muscle but mitochondrial proton conductance is unchanged. <i>FEBS Letters</i> , 1999, 462, 257-260. | 2.8 | 204 |
| 9 | The Basal Proton Conductance of Skeletal Muscle Mitochondria from Transgenic Mice Overexpressing or Lacking Uncoupling Protein-3. <i>Journal of Biological Chemistry</i> , 2002, 277, 2773-2778. | 3.4 | 180 |
| 10 | Oxidative damage and phospholipid fatty acyl composition in skeletal muscle mitochondria from mice underexpressing or overexpressing uncoupling protein 3. <i>Biochemical Journal</i> , 2002, 368, 597-603. | 3.7 | 168 |
| 11 | Resveratrol, melatonin, vitamin E, and PBN protect against renal oxidative DNA damage induced by the kidney carcinogen KBrO ₃ . <i>Free Radical Biology and Medicine</i> , 1999, 26, 1531-1537. | 2.9 | 119 |
| 12 | Fighting the strangerâ€™ antioxidant protection against endotoxin toxicity. <i>Toxicology</i> , 2002, 180, 45-63. | 4.2 | 113 |
| 13 | Dietary vitamin C decreases endogenous protein oxidative damage, malondialdehyde, and lipid peroxidation and maintains fatty acid unsaturation in the guinea pig liver. <i>Free Radical Biology and Medicine</i> , 1994, 17, 105-115. | 2.9 | 90 |
| 14 | Mitochondrial reprogramming through cardiac oxygen sensors in ischaemic heart disease. <i>Cardiovascular Research</i> , 2010, 88, 219-228. | 3.8 | 85 |
| 15 | Simultaneous induction of SOD, glutathione reductase, GSH, and ascorbate in liver and kidney correlates with survival during aging. <i>Free Radical Biology and Medicine</i> , 1993, 15, 133-142. | 2.9 | 80 |
| 16 | The transcription factor Nrf2 promotes survival by enhancing the expression of uncoupling protein 3 under conditions of oxidative stress. <i>Free Radical Biology and Medicine</i> , 2013, 61, 395-407. | 2.9 | 77 |
| 17 | Podocytes are new cellular targets of haemoglobinâ€™mediated renal damage. <i>Journal of Pathology</i> , 2018, 244, 296-310. | 4.5 | 53 |
| 18 | AMP decreases the efficiency of skeletal-muscle mitochondria. <i>Biochemical Journal</i> , 2000, 351, 307-311. | 3.7 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effects of magnesium and nucleotides on the proton conductance of rat skeletal-muscle mitochondria. <i>Biochemical Journal</i> , 2000, 348, 209-213. | 3.7 | 48 |
| 20 | Increase in mitochondrial biogenesis, oxidative stress, and glycolysis in murine lymphomas. <i>Free Radical Biology and Medicine</i> , 2009, 46, 387-396. | 2.9 | 48 |
| 21 | Increase in heart glutathione redox ratio and total antioxidant capacity and decrease in lipid peroxidation after vitamin e dietary supplementation in guinea pigs. <i>Free Radical Biology and Medicine</i> , 1996, 21, 907-915. | 2.9 | 44 |
| 22 | 4-Hydroxynonenal induces Nrf2-mediated UCP3 upregulation in mouse cardiomyocytes. <i>Free Radical Biology and Medicine</i> , 2015, 88, 427-438. | 2.9 | 43 |
| 23 | Kinetic model of the inhibition of respiration by endogenous nitric oxide in intact cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 557-565. | 1.0 | 42 |
| 24 | Endotoxin Increases Oxidative Injury to Proteins in Guinea Pig Liver: Protection by Dietary Vitamin C. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998, 82, 11-18. | 0.0 | 40 |
| 25 | Nrf2 Plays a Protective Role Against Intravascular Hemolysis-Mediated Acute Kidney Injury. <i>Frontiers in Pharmacology</i> , 2019, 10, 740. | 3.5 | 36 |
| 26 | GDP and carboxyatractylate inhibit 4-hydroxynonenal-activated proton conductance to differing degrees in mitochondria from skeletal muscle and heart. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1716-1726. | 1.0 | 33 |
| 27 | Relative sensitivity of soluble guanylate cyclase and mitochondrial respiration to endogenous nitric oxide at physiological oxygen concentration. <i>Biochemical Journal</i> , 2007, 405, 223-231. | 3.7 | 31 |
| 28 | The Antioxidant Transcription Factor Nrf2 in Cardiac Ischemiaâ€“Reperfusion Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11939. | 4.1 | 30 |
| 29 | Vitamin E Decreases Urine Lipid Peroxidation Products in Young Healthy Human Volunteers under Normal Conditions. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1996, 79, 247-253. | 0.0 | 17 |
| 30 | Functional evidence for nitric oxide production by skeletal-muscle mitochondria from lipopolysaccharide-treated mice. <i>Mitochondrion</i> , 2012, 12, 126-131. | 3.4 | 16 |
| 31 | Phospholipid Hydroperoxides and Lipid Peroxidation in Liver and Plasma of ODS Rats Supplemented with Î±-Tocopherol and Ascorbic Acid. <i>Free Radical Research</i> , 1996, 24, 485-493. | 3.3 | 15 |
| 32 | Effects of magnesium and nucleotides on the proton conductance of rat skeletal-muscle mitochondria. <i>Biochemical Journal</i> , 2000, 348, 209. | 3.7 | 13 |
| 33 | Superoxide anion mediates the L-selectin down-regulation induced by non-steroidal anti-inflammatory drugs in human neutrophils. <i>Biochemical Pharmacology</i> , 2013, 85, 245-256. | 4.4 | 13 |