

Angela Logan

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

5,459
citations

236833

25
h-index

377752

34
g-index

37
all docs

37
docs citations

37
times ranked

9535
citing authors

#	ARTICLE	IF	CITATIONS
1	Ischaemic accumulation of succinate controls reperfusion injury through mitochondrial ROS. <i>Nature</i> , 2014, 515, 431-435.	13.7	1,989
2	Succinate Dehydrogenase Supports Metabolic Repurposing of Mitochondria to Drive Inflammatory Macrophages. <i>Cell</i> , 2016, 167, 457-470.e13.	13.5	1,396
3	Mitochondrial ROS Produced via Reverse Electron Transport Extend Animal Lifespan. <i>Cell Metabolism</i> , 2016, 23, 725-734.	7.2	296
4	Measurement of H ₂ O ₂ within Living <i>Drosophila</i> during Aging Using a Ratiometric Mass Spectrometry Probe Targeted to the Mitochondrial Matrix. <i>Cell Metabolism</i> , 2011, 13, 340-350.	7.2	267
5	Neuroprotective effects of the mitochondria-targeted antioxidant MitoQ in a model of inherited amyotrophic lateral sclerosis. <i>Free Radical Biology and Medicine</i> , 2014, 70, 204-213.	1.3	126
6	Mitochondrial Respiration Is Reduced in Atherosclerosis, Promoting Necrotic Core Formation and Reducing Relative Fibrous Cap Thickness. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 2322-2332.	1.1	120
7	Succinate accumulation drives ischaemia-reperfusion injury during organ transplantation. <i>Nature Metabolism</i> , 2019, 1, 966-974.	5.1	103
8	Mitochondria-Targeted Antioxidants in the Treatment of Disease. <i>Annals of the New York Academy of Sciences</i> , 2008, 1147, 105-111.	1.8	96
9	<i>In vivo</i> levels of mitochondrial hydrogen peroxide increase with age in mtDNA mutator mice. <i>Aging Cell</i> , 2014, 13, 765-768.	3.0	94
10	Non-enzymatic N -acetylation of Lysine Residues by AcetylCoA Often Occurs via a Proximal S -acetylated Thiol Intermediate Sensitive to Glyoxalase II. <i>Cell Reports</i> , 2017, 18, 2105-2112.	2.9	90
11	Treating the placenta to prevent adverse effects of gestational hypoxia on fetal brain development. <i>Scientific Reports</i> , 2017, 7, 9079.	1.6	76
12	MitoNeoD: A Mitochondria-Targeted Superoxide Probe. <i>Cell Chemical Biology</i> , 2017, 24, 1285-1298.e12.	2.5	69
13	Placental Adaptation to Early-Onset Hypoxic Pregnancy and Mitochondria-Targeted Antioxidant Therapy in a Rodent Model. <i>American Journal of Pathology</i> , 2018, 188, 2704-2716.	1.9	65
14	Impact of the mitochondria-targeted antioxidant MitoQ on hypoxia-induced pulmonary hypertension. <i>European Respiratory Journal</i> , 2018, 51, 1701024.	3.1	64
15	Using exomarkers to assess mitochondrial reactive species in vivo. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 923-930.	1.1	55
16	A mitochondria-targeted mass spectrometry probe to detect glyoxals: implications for diabetes. <i>Free Radical Biology and Medicine</i> , 2014, 67, 437-450.	1.3	44
17	Myocardial NADPH oxidase-4 regulates the physiological response to acute exercise. <i>ELife</i> , 2018, 7, .	2.8	44
18	In vivo evidence of mitochondrial dysfunction and altered redox homeostasis in a genetic mouse model of propionic acidemia: Implications for the pathophysiology of this disorder. <i>Free Radical Biology and Medicine</i> , 2016, 96, 1-12.	1.3	42

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19	Targeting succinate dehydrogenase with malonate ester prodrugs decreases renal ischemia reperfusion injury. <i>Redox Biology</i> , 2020, 36, 101640.	3.9	42
20	Complex I Deficiency Due to Selective Loss of Ndufs4 in the Mouse Heart Results in Severe Hypertrophic Cardiomyopathy. <i>PLoS ONE</i> , 2014, 9, e94157.	1.1	41
21	Selective Disruption of Mitochondrial Thiol Redox State in Cells and In Vivo. <i>Cell Chemical Biology</i> , 2019, 26, 449-461.e8.	2.5	41
22	Translatable mitochondria-targeted protection against programmed cardiovascular dysfunction. <i>Science Advances</i> , 2020, 6, eabb1929.	4.7	41
23	Ischemic preconditioning protects against cardiac ischemia reperfusion injury without affecting succinate accumulation or oxidation. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 123, 88-91.	0.9	38
24	Assessment of H ₂ S in vivo using the newly developed mitochondria-targeted mass spectrometry probe MitoA. <i>Journal of Biological Chemistry</i> , 2017, 292, 7761-7773.	1.6	34
25	Synthesis of triphenylphosphonium vitamin E derivatives as mitochondria-targeted antioxidants. <i>Tetrahedron</i> , 2015, 71, 8444-8453.	1.0	32
26	A sensitive mass spectrometric assay for mitochondrial CoQ pool redox state in vivo. <i>Free Radical Biology and Medicine</i> , 2020, 147, 37-47.	1.3	32
27	Ester Prodrugs of Malonate with Enhanced Intracellular Delivery Protect Against Cardiac Ischemia-Reperfusion Injury In Vivo. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 1-13.	1.3	28
28	Early detection of doxorubicin-induced cardiotoxicity in rats by its cardiac metabolic signature assessed with hyperpolarized MRI. <i>Communications Biology</i> , 2020, 3, 692.	2.0	25
29	Glycolysis promotes caspase-3 activation in lipid rafts in T cells. <i>Cell Death and Disease</i> , 2018, 9, 62.	2.7	15
30	Mitochondria-targeted antioxidant MitoQ ameliorates ischaemia-induced reperfusion injury in kidney transplantation models. <i>British Journal of Surgery</i> , 2021, 108, 1072-1081.	0.1	15
31	Using chemical biology to assess and modulate mitochondria: progress and challenges. <i>Interface Focus</i> , 2017, 7, 20160151.	1.5	11
32	Mitochondria antioxidant protection against cardiovascular dysfunction programmed by early-onset gestational hypoxia. <i>FASEB Journal</i> , 2021, 35, e21446.	0.2	11
33	Confirmation of the Cardioprotective Effect of MitoGamide in the Diabetic Heart. <i>Cardiovascular Drugs and Therapy</i> , 2020, 34, 823-834.	1.3	9
34	Isolating adverse effects of glucocorticoids on the embryonic cardiovascular system. <i>FASEB Journal</i> , 2020, 34, 9664-9677.	0.2	8
35	182 MITOCHONDRIAL DNA DAMAGE PROMOTES ATHEROSCLEROSIS AND CORRELATES WITH HIGHER RISK PLAQUE IN HUMANS. <i>Heart</i> , 2013, 99, A103.2-A103.	1.2	0
36	Cardioprotection by the mitochondria-targeted superoxide generator mitoparaquat in a murine model of acute myocardial ischaemia reperfusion injury. <i>Heart</i> , 2017, 103, A138.3-A139.	1.2	0