Angela Logan

List of Publications by Year
in descending order

36 papers	5,459 citations	236925 25 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	9535 citing authors

#	Article	IF	Citations
1	Ester Prodrugs of Malonate with Enhanced Intracellular Delivery Protect Against Cardiac Ischemia-Reperfusion Injury In Vivo. Cardiovascular Drugs and Therapy, 2022, 36, 1-13.	2.6	28
2	Mitochondria antioxidant protection against cardiovascular dysfunction programmed by earlyâ€onset gestational hypoxia. FASEB Journal, 2021, 35, e21446.	0.5	11
3	Mitochondria-targeted antioxidant MitoQ ameliorates ischaemiaâ€“reperfusion injury in kidney transplantation models. British Journal of Surgery, 2021, 108, 1072-1081.	0.3	15
4	A sensitive mass spectrometric assay for mitochondrial CoQ pool redox state in vivo. Free Radical Biology and Medicine, 2020, 147, 37-47.	2.9	32
5	Confirmation of the Cardioprotective Effect of MitoGamide in the Diabetic Heart. Cardiovascular Drugs and Therapy, 2020, 34, 823-834.	2.6	9
6	Targeting succinate dehydrogenase with malonate ester prodrugs decreases renal ischemia reperfusion injury. Redox Biology, 2020, 36, 101640.	9.0	42
7	Early detection of doxorubicin-induced cardiotoxicity in rats by its cardiac metabolic signature assessed with hyperpolarized MRI. Communications Biology, 2020, 3, 692.	4.4	25
8	Isolating adverse effects of glucocorticoids on the embryonic cardiovascular system. FASEB Journal, 2020, 34, 9664-9677.	0.5	8
9	Translatable mitochondria-targeted protection against programmed cardiovascular dysfunction. Science Advances, 2020, 6, eabb1929.	10.3	41
10	Selective Disruption of Mitochondrial Thiol Redox State in Cells and InÂVivo. Cell Chemical Biology, 2019, 26, 449-461.e8.	5.2	41
11	Succinate accumulation drives ischaemia-reperfusion injury during organ transplantation. Nature Metabolism, 2019, 1, 966-974.	11.9	103
12	Impact of the mitochondria-targeted antioxidant MitoQ on hypoxia-induced pulmonary hypertension. European Respiratory Journal, 2018, 51, 1701024.	6.7	64
13	Glycolysis promotes caspase-3 activation in lipid rafts in T cells. Cell Death and Disease, 2018, 9, 62.	6.3	15
14	Placental Adaptation to Early-Onset Hypoxic Pregnancy and Mitochondria-Targeted Antioxidant Therapy in a Rodent Model. American Journal of Pathology, 2018, 188, 2704-2716.	3.8	65
15	Ischemic preconditioning protects against cardiac ischemia reperfusion injury without affecting succinate accumulation or oxidation. Journal of Molecular and Cellular Cardiology, 2018, 123, 88-91.	1.9	38
16	Myocardial NADPH oxidase-4 regulates the physiological response to acute exercise. ELife, 2018, 7, .	6.0	44
17	Using chemical biology to assess and modulate mitochondria: progress and challenges. Interface Focus, 2017, 7, 20160151.	3.0	11
18	Non-enzymatic N -acetylation of Lysine Residues by AcetylCoA Often Occurs via a Proximal S -acetylated Thiol Intermediate Sensitive to Glyoxalase II. Cell Reports, 2017, 18, 2105-2112.	6.4	90

#	Article	IF	Citations
19	Assessment of H2S in vivo using the newly developed mitochondria-targeted mass spectrometry probe MitoA. Journal of Biological Chemistry, 2017, 292, 7761-7773.	3.4	34
20	Mitochondrial Respiration Is Reduced in Atherosclerosis, Promoting Necrotic Core Formation and Reducing Relative Fibrous Cap Thickness. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 2322-2332.	2.4	120
21	MitoNeoD: A Mitochondria-Targeted Superoxide Probe. Cell Chemical Biology, 2017, 24, 1285-1298.e12.	5.2	69
22	Treating the placenta to prevent adverse effects of gestational hypoxia on fetal brain development. Scientific Reports, 2017, 7, 9079.	3.3	76
23	208â€…Cardioprotection by the mitochondria-targeted superoxide generator mitoparaquat in a murine model of acute myocardial ischaemia reperfusion injury. Heart, 2017, 103, A138.3-A139.	2.9	0
24	Mitochondrial ROS Produced via Reverse Electron Transport Extend Animal Lifespan. Cell Metabolism, 2016, 23, 725-734.	16.2	296
25	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. Free Radical Biology and Medicine, 2016, 96, 1-12.	2.9	42
26	Succinate Dehydrogenase Supports Metabolic Repurposing of Mitochondria to Drive Inflammatory Macrophages. Cell, 2016, 167, 457-470.e13.	28.9	1,396
27	Synthesis of triphenylphosphonium vitamin E derivatives as mitochondria-targeted antioxidants. Tetrahedron, 2015, 71, 8444-8453.	1.9	32
28	Complex I Deficiency Due to Selective Loss of Ndufs4 in the Mouse Heart Results in Severe Hypertrophic Cardiomyopathy. PLoS ONE, 2014, 9, e94157.	2.5	41
29	<i>In vivo</i> levels of mitochondrial hydrogen peroxide increase with age in mt<scp>DNA</scp> mutator mice. Aging Cell, 2014, 13, 765-768.	6.7	94
30	Neuroprotective effects of the mitochondria-targeted antioxidant MitoQ in a model of inherited amyotrophic lateral sclerosis. Free Radical Biology and Medicine, 2014, 70, 204-213.	2.9	126
31	Using exomarkers to assess mitochondrial reactive species in vivo. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 923-930.	2.4	55
32	Ischaemic accumulation of succinate controls reperfusion injury through mitochondrial ROS. Nature, 2014, 515, 431-435.	27.8	1,989
33	A mitochondria-targeted mass spectrometry probe to detect glyoxals: implications for diabetes. Free Radical Biology and Medicine, 2014, 67, 437-450.	2.9	44
34	182 MITOCHONDRIAL DNA DAMAGE PROMOTES ATHEROSCLEROSIS AND CORRELATES WITH HIGHER RISK PLAQUE IN HUMANS. Heart, 2013, 99, A103.2-A103.	2.9	0
35	Measurement of H2O2 within Living Drosophila during Aging Using a Ratiometric Mass Spectrometry Probe Targeted to the Mitochondrial Matrix. Cell Metabolism, 2011, 13, 340-350.	16.2	267
36	Mitochondriaâ€Targeted Antioxidants in the Treatment of Disease. Annals of the New York Academy of Sciences, 2008, 1147, 105-111.	3.8	96