Kimberly J Dunham-Snary

List of Publications by Year
in descending order

26	1,369	394421 19	642732 23
papers	citations	h-index	g-index

32	32	32	1948
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mitochondria in human neutrophils mediate killing of Staphylococcus aureus. Redox Biology, 2022, 49, 102225.	9.0	30
2	The comprehensive transcriptome of human ductus arteriosus smooth muscle cells (hDASMC). Data in Brief, 2022, 40, 107736.	1.0	1
3	Oxygen sensing, mitochondrial biology and experimental therapeutics for pulmonary hypertension and cancer. Free Radical Biology and Medicine, 2021, 170, 150-178.	2.9	32
4	The molecular mechanisms of oxygen-sensing in human ductus arteriosus smooth muscle cells: A comprehensive transcriptome profile reveals a central role for mitochondria. Genomics, 2021, 113, 3128-3140.	2.9	7
5	Mitochondrial ironâ€“sulfur clusters: Structure, function, and an emerging role in vascular biology. Redox Biology, 2021, 47, 102164.	9.0	101
6	Endothelial BMPR2 Loss Drives a Proliferative Response to BMP (Bone Morphogenetic Protein) 9 via Prolonged Canonical Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2605-2618.	2.4	29
7	Critical Role of Electron Leak from Mitochondrial Electron Transport Chain Complex I in Oxygen Sensing in the Rabbit Ductus Arteriosus. Free Radical Biology and Medicine, 2020, 159, S96-S97.	2.9	0
8	Mitochondria in the Pulmonary Vasculature in Health and Disease: Oxygenâ€Sensing, Metabolism, and Dynamics. , 2020, 10, 713-765.		39
9	Ndufs2, a Core Subunit of Mitochondrial Complex I, Is Essential for Acute Oxygen-Sensing and Hypoxic Pulmonary Vasoconstriction. Circulation Research, 2019, 124, 1727-1746.	4.5	67
10	Response by Dunham-Snary and Archer to Letter Regarding Article, â€œNdufs2, a Core Subunit of Mitochondrial Complex I, Is Essential for Acute Oxygen-Sensing and Hypoxic Pulmonary Vasoconstrictionâ€• Circulation Research, 2019, 125, e35-e36.	4.5	0
11	Epigenetic Dysregulation of the Dynamin-Related Protein 1 Binding Partners MiD49 and MiD51 Increases Mitotic Mitochondrial Fission and Promotes Pulmonary Arterial Hypertension. Circulation, 2018, 138, 287-304.	1.6	115
12	Mitochondrial â€“ nuclear genetic interaction modulates whole body metabolism, adiposity and gene expression in vivo. EBioMedicine, 2018, 36, 316-328.	6.1	46
13	Transcriptomic Signature of Right Ventricular Failure in Experimental Pulmonary Arterial Hypertension: Deep Sequencing Demonstrates Mitochondrial, Fibrotic, Inflammatory and Angiogenic Abnormalities. International Journal of Molecular Sciences, 2018, 19, 2730.	4.1	43
14	Biventricular Increases in Mitochondrial Fission Mediator (MiD51) and Proglycolytic Pyruvate Kinase (PKM2) Isoform in Experimental Group 2 Pulmonary Hypertension-Novel Mitochondrial Abnormalities. Frontiers in Cardiovascular Medicine, 2018, 5, 195.	2.4	22
15	Ischemia-induced Drp1 and Fis1-mediated mitochondrial fission and right ventricular dysfunction in pulmonary hypertension. Journal of Molecular Medicine, 2017, 95, 381-393.	3.9	90
16	MicroRNA-138 and MicroRNA-25 Down-regulate Mitochondrial Calcium Uniporter, Causing the Pulmonary Arterial Hypertension Cancer Phenotype. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 515-529.	5.6	134
17	Hypoxic Pulmonary Vasoconstriction. Chest, 2017, 151, 181-192.	0.8	292
18	The methyl donor S -adenosylmethionine prevents liver hypoxia and dysregulation of mitochondrial bioenergetic function in a rat model of alcohol-induced fatty liver disease. Redox Biology, 2016, 9, 188-197.	9.0	39

#	ARTICLE	IF	CITATIONS
19	Endothelial Cell Bioenergetics and Mitochondrial DNA Damage Differ in Humans Having African or West Eurasian Maternal Ancestry. Circulation: Cardiovascular Genetics, 2016, 9, 26-36.	5.1	29
20	A mitochondrial redox oxygen sensor in the pulmonary vasculature and ductus arteriosus. Pflugers Archiv European Journal of Physiology, 2016, 468, 43-58.	2.8	30
21	Mitochondrial-nuclear DNA mismatch matters. Science, 2015, 349, 1449-1450.	12.6	30
22	A method for assessing mitochondrial bioenergetics in whole white adipose tissues. Redox Biology, 2014, 2, 656-660.	9.0	41
23	Mitochondrial genetics and obesity: evolutionary adaptation and contemporary disease susceptibility. Free Radical Biology and Medicine, 2013, 65, 1229-1237.	2.9	20
24	Mitochondrial genetic background modulates bioenergetics and susceptibility to acute cardiac volume overload. Biochemical Journal, 2013, 455, 157-167.	3.7	79
25	The Role of Mitochondrial Genetic Background on Mitochondrial Bioenergetics and Energy Balance. Free Radical Biology and Medicine, 2012, 53, S94.	2.9	1
26	The mitochondrial paradigm for cardiovascular disease susceptibility and cellular function: a complementary concept to Mendelian genetics. Laboratory Investigation, 2011, 91, 1122-1135.	3.7	52