

M Kate Curtis

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

256
citations

1306789

7
h-index

1058022

14
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15
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15
docs citations

15
times ranked

504
citing authors

#	ARTICLE	IF	CITATIONS
1	Abnormal whole-body energy metabolism in iron-deficient humans despite preserved skeletal muscle oxidative phosphorylation. <i>Scientific Reports</i> , 2022, 12, 998.	1.6	6
2	Alkaline nucleoplasm facilitates contractile gene expression in the mammalian heart. <i>Basic Research in Cardiology</i> , 2022, 117, 17.	2.5	3
3	Acidic environments trigger intracellular H ⁺ -sensing FAK proteins to re-balance sarcolemmal acid-base transporters and auto-regulate cardiomyocyte pH. <i>Cardiovascular Research</i> , 2022, 118, 2946-2959.	1.8	2
4	L-Carnitine Stimulates In Vivo Carbohydrate Metabolism in the Type 1 Diabetic Heart as Demonstrated by Hyperpolarized MRI. <i>Metabolites</i> , 2021, 11, 191.	1.3	6
5	Hyperpolarized magnetic resonance shows that the anti-ischemic drug meldonium leads to increased flux through pyruvate dehydrogenase in vivo resulting in improved post-ischemic function in the diabetic heart. <i>NMR in Biomedicine</i> , 2021, 34, e4471.	1.6	5
6	Iron-Deficiency Anemia Results in Transcriptional and Metabolic Remodeling in the Heart Toward a Glycolytic Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 616920.	1.1	14
7	Intravenous iron delivers a sustained (8-week) lowering of pulmonary artery pressure during exercise in healthy older humans. <i>Physiological Reports</i> , 2019, 7, e14164.	0.7	11
8	A high-throughput ratiometric method for imaging hypertrophic growth in cultured primary cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 130, 184-196.	0.9	6
9	Cardiac Dysfunction and Metabolic Inflexibility in a Mouse Model of Diabetes Without Dyslipidemia. <i>Diabetes</i> , 2018, 67, 1057-1067.	0.3	28
10	Effects of modest iron loading on iron indices in healthy individuals. <i>Journal of Applied Physiology</i> , 2018, 125, 1710-1719.	1.2	2
11	Clinical iron deficiency disturbs normal human responses to hypoxia. <i>Journal of Clinical Investigation</i> , 2016, 126, 2139-2150.	3.9	82
12	Elevation of iron storage in humans attenuates the pulmonary vascular response to hypoxia. <i>Journal of Applied Physiology</i> , 2016, 121, 537-544.	1.2	23
13	A cross-sectional study of the prevalence and associations of iron deficiency in a cohort of patients with chronic obstructive pulmonary disease. <i>BMJ Open</i> , 2015, 5, e007911.	0.8	48
14	Contrasting effects of ascorbate and iron on the pulmonary vascular response to hypoxia in humans. <i>Physiological Reports</i> , 2014, 2, e12220.	0.7	20