

Linsey Stiles

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

847
citations

623734

14
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

1597
citing authors

#	ARTICLE	IF	CITATIONS
1	Etomoxir Inhibits Macrophage Polarization by Disrupting CoA Homeostasis. <i>Cell Metabolism</i> , 2018, 28, 490-503.e7.	16.2	242
2	A novel approach to measure mitochondrial respiration in frozen biological samples. <i>EMBO Journal</i> , 2020, 39, e104073.	7.8	110
3	Conservation and divergence of vulnerability and responses to stressors between human and mouse astrocytes. <i>Nature Communications</i> , 2021, 12, 3958.	12.8	94
4	Mitochondrial Dysfunction Is an Early Consequence of Partial or Complete Dystrophin Loss in mdx Mice. <i>Frontiers in Physiology</i> , 2020, 11, 690.	2.8	61
5	Sex-specific metabolic functions of adipose Lipocalin-2. <i>Molecular Metabolism</i> , 2019, 30, 30-47.	6.5	41
6	Liver Pyruvate Kinase Promotes NAFLD/NASH in Both Mice and Humans in a Sex-Specific Manner. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 389-406.	4.5	37
7	Individual islet respirometry reveals functional diversity within the islet population of mice and human donors. <i>Molecular Metabolism</i> , 2018, 16, 150-159.	6.5	32
8	Sex-specific genetic regulation of adipose mitochondria and metabolic syndrome by Ndufv2. <i>Nature Metabolism</i> , 2021, 3, 1552-1568.	11.9	32
9	Blocking mitochondrial pyruvate import in brown adipocytes induces energy wasting via lipid cycling. <i>EMBO Reports</i> , 2020, 21, e49634.	4.5	31
10	ABCB10 exports mitochondrial biliverdin, driving metabolic maladaptation in obesity. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	27
11	Mitochondrial Proton Leak Regulated by Cyclophilin D Elevates Insulin Secretion in Islets at Nonstimulatory Glucose Levels. <i>Diabetes</i> , 2020, 69, 131-145.	0.6	26
12	Measuring Mitochondrial Respiration in Previously Frozen Biological Samples. <i>Current Protocols in Cell Biology</i> , 2020, 89, e116.	2.3	26
13	A precision therapeutic strategy for hexokinase 1-null, hexokinase 2-positive cancers. <i>Cancer & Metabolism</i> , 2018, 6, 7.	5.0	25
14	Erythroid Differentiation and Heme Biosynthesis Are Dependent on a Shift in the Balance of Mitochondrial Fusion and Fission Dynamics. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 592035.	3.7	16
15	Utilization of Human Samples for Assessment of Mitochondrial Bioenergetics: Gold Standards, Limitations, and Future Perspectives. <i>Life</i> , 2021, 11, 949.	2.4	13
16	Forces, Fluxes, and Fuels: Tracking mitochondrial metabolism by integrating measurements of membrane potential, respiration, and metabolites. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 320, C80-C91.	4.6	10
17	Measuring CPT-1-mediated respiration in permeabilized cells and isolated mitochondria. <i>STAR Protocols</i> , 2021, 2, 100687.	1.2	8
18	Omega-3 fatty acids increase OXPHOS energy for immune therapy of Alzheimer disease patients. <i>FASEB Journal</i> , 2020, 34, 9982-9994.	0.5	6

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19	Age-induced mitochondrial DNA point mutations are inadequate to alter metabolic homeostasis in response to nutrient challenge. <i>Aging Cell</i> , 2020, 19, e13166.	6.7	5
20	Levocarnitine does not impair chemotherapy cytotoxicity against acute lymphoblastic leukemia. <i>Leukemia and Lymphoma</i> , 2020, 61, 420-428.	1.3	2
21	Effect of voluntary exercise upon the metabolic syndrome and gut microbiome composition in mice. <i>Physiological Reports</i> , 2021, 9, e15068.	1.7	2
22	Characterizing the metabolic profile of dexamethasone treated human trabecular meshwork cells. <i>Experimental Eye Research</i> , 2022, 214, 108888.	2.6	1
23	P2-001: MITOCHONDRIAL ENERGY FROM OMEGA-3 FOR AMYLOID-BETA PHAGOCYTOSIS. <i>Alzheimer's and Dementia</i> , 2019, 15, P571.	0.8	0
24	Abstract 2818: In vivo imaging of mitochondrial bioenergetics in lung cancer. , 2021, , .		0
25	Deletion of ABCB10 in beta-cells protects from high-fat diet induced insulin resistance. <i>Molecular Metabolism</i> , 2022, 55, 101403.	6.5	0