

Charles Hoppel

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,056
citations

623734

14
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

1794
citing authors

#	ARTICLE	IF	CITATIONS
1	Dosing Colistimethate Every 8 h Results in Higher Plasma Concentrations of Active Colistin Than Every 12-Hourly Dosing without Increase in Nephrotoxicity: A Phase 1 Pharmacokinetics Trial in Healthy Adult Volunteers. <i>Antibiotics</i> , 2022, 11, 490.	3.7	2
2	Exercise training and diet-induced weight loss increase markers of hepatic bile acid (BA) synthesis and reduce serum total BA concentrations in obese women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E864-E873.	3.5	18
3	Possible Bioenergetic Biomarker for Chronic Cancer-Related Fatigue. <i>Nursing Research</i> , 2021, Publish Ahead of Print, 475-480.	1.7	0
4	Metabolic reprogramming during hyperammonemia targets mitochondrial function and postmitotic senescence. <i>JCI Insight</i> , 2021, 6, .	5.0	17
5	ACAD10 protein expression and Neurobehavioral assessment of Acad10-deficient mice. <i>PLoS ONE</i> , 2020, 15, e0242445.	2.5	1
6	Alterations of skeletal muscle bioenergetics in a mouse with F508del mutation leading to a cystic fibrosis-like condition. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E327-E336.	3.5	3
7	<p>Relationships between expression of BCS1L, mitochondrial bioenergetics, and fatigue among patients with prostate cancer</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 6703-6717.	1.9	8
8	Analyzing mitochondrial function in human peripheral blood mononuclear cells. <i>Analytical Biochemistry</i> , 2018, 549, 12-20.	2.4	25
9	Investigating the link of <i>ACAD10</i> deficiency to type 2 diabetes mellitus. <i>Journal of Inherited Metabolic Disease</i> , 2018, 41, 49-57.	3.6	21
10	Integrated mitochondrial function and cancer-related fatigue in men with prostate cancer undergoing radiation therapy. <i>Cancer Management and Research</i> , 2018, Volume 10, 6367-6377.	1.9	8
11	Mitofusin 2 Regulates Axonal Transport of Calpastatin to Prevent Neuromuscular Synaptic Elimination in Skeletal Muscles. <i>Cell Metabolism</i> , 2018, 28, 400-414.e8.	16.2	39
12	Parkinson's disease-associated pathogenic VPS35 mutation causes complex I deficits. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2791-2795.	3.8	40
13	Defects in skeletal muscle subsarcolemmal mitochondria in a non-obese model of type 2 diabetes mellitus. <i>PLoS ONE</i> , 2017, 12, e0183978.	2.5	26
14	Hyperammonaemia-induced skeletal muscle mitochondrial dysfunction results in cataplerosis and oxidative stress. <i>Journal of Physiology</i> , 2016, 594, 7341-7360.	2.9	122
15	Parkinson's disease-associated mutant VPS35 causes mitochondrial dysfunction by recycling DLP1 complexes. <i>Nature Medicine</i> , 2016, 22, 54-63.	30.7	265
16	Acetyl-l-carnitine increases mitochondrial protein acetylation in the aged rat heart. <i>Mechanisms of Ageing and Development</i> , 2015, 145, 39-50.	4.6	22
17	Effect of propionylcarnitine on mitochondrial energy metabolism in elderly rat heart. <i>FASEB Journal</i> , 2012, 26, 785.2.	0.5	0
18	Isolation and mass spectrometric analysis of native protein complexes in rat liver mitochondrial contact sites. <i>FASEB Journal</i> , 2012, 26, 988.8.	0.5	0

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19	Fatty acid beta oxidation is the source of malonyl-CoA for fatty acid chain elongation in rat heart. FASEB Journal, 2009, 23, 793.6.	0.5	0
20	Effect Of Age, Anesthesia, And Ischemia/Reperfusion With Palmitate On Myocardial Acylcarnitines. FASEB Journal, 2007, 21, A716.	0.5	0
21	Is there a single malonyl-CoA pool in the heart for regulation of carnitine palmitoyltransferase and fatty acid chain elongation. FASEB Journal, 2006, 20, A139.	0.5	0
22	Identification of cis-3,4-epicyclopropane-heptanoylcarnitine in human urine and its synthesis. FASEB Journal, 2006, 20, A1041.	0.5	0
23	The role of carnitine in normal and altered fatty acid metabolism. American Journal of Kidney Diseases, 2003, 41, S4-S12.	1.9	216
24	A 22 kDa polyanion inhibits carnitine-dependent fatty acid oxidation in rat liver mitochondria. FEBS Letters, 1999, 460, 241-245.	2.8	22
25	GENETIC DISORDERS OF CARNITINE METABOLISM AND THEIR NUTRITIONAL MANAGEMENT. Annual Review of Nutrition, 1998, 18, 179-206.	10.1	89
26	The action of digitonin on rat liver mitochondria. The effects on enzyme content. Biochemical Journal, 1968, 107, 367-375.	3.1	81
27	The action of digitonin on rat liver mitochondria. Phospholipid content. Biochemical Journal, 1968, 107, 381-385.	3.1	18
28	The action of digitonin on rat liver mitochondria. Electron microscopy. Biochemical Journal, 1968, 107, 377-380.	3.1	13