

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	Parkinson's disease-associated mutant VPS35 causes mitochondrial dysfunction by recycling DLP1 complexes. <i>Nature Medicine</i> , 2016, 22, 54-63.	30.7	265
2	The role of carnitine in normal and altered fatty acid metabolism. <i>American Journal of Kidney Diseases</i> , 2003, 41, S4-S12.	1.9	216
3	Hyperammonaemia-induced skeletal muscle mitochondrial dysfunction results in cataplerosis and oxidative stress. <i>Journal of Physiology</i> , 2016, 594, 7341-7360.	2.9	122
4	GENETIC DISORDERS OF CARNITINE METABOLISM AND THEIR NUTRITIONAL MANAGEMENT. <i>Annual Review of Nutrition</i> , 1998, 18, 179-206.	10.1	89
5	The action of digitonin on rat liver mitochondria. The effects on enzyme content. <i>Biochemical Journal</i> , 1968, 107, 367-375.	3.1	81
6	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
7	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
8	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
9	Analyzing mitochondrial function in human peripheral blood mononuclear cells. <i>Analytical Biochemistry</i> , 2018, 549, 12-20.	2.4	25
10	A 22 kDa polyanion inhibits carnitine-dependent fatty acid oxidation in rat liver mitochondria. <i>FEBS Letters</i> , 1999, 460, 241-245.	2.8	22
11	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
12	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
13	The action of digitonin on rat liver mitochondria. Phospholipid content. <i>Biochemical Journal</i> , 1968, 107, 381-385.	3.1	18
14	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
15	Metabolic reprogramming during hyperammonemia targets mitochondrial function and postmitotic senescence. <i>JCI Insight</i> , 2021, 6, .	5.0	17
16	The action of digitonin on rat liver mitochondria. Electron microscopy. <i>Biochemical Journal</i> , 1968, 107, 377-380.	3.1	13
17	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
18	<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

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19	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
20	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
21	ACAD10 protein expression and Neurobehavioral assessment of Acad10-deficient mice. <i>PLoS ONE</i> , 2020, 15, e0242445.	2.5	1
22	Possible Bioenergetic Biomarker for Chronic Cancer-Related Fatigue. <i>Nursing Research</i> , 2021, Publish Ahead of Print, 475-480.	1.7	0
23	Is there a single malonyl-CoA pool in the heart for regulation of carnitine palmitoyltransferase and fatty acid chain elongation. <i>FASEB Journal</i> , 2006, 20, A139.	0.5	0
24	Identification of cis-3,4-cyclopropane-heptanoylcarnitine in human urine and its synthesis. <i>FASEB Journal</i> , 2006, 20, A1041.	0.5	0
25	Effect Of Age, Anesthesia, And Ischemia/Reperfusion With Palmitate On Myocardial Acylcarnitines. <i>FASEB Journal</i> , 2007, 21, A716.	0.5	0
26	Fatty acid beta oxidation is the source of malonyl-CoA for fatty acid chain elongation in rat heart. <i>FASEB Journal</i> , 2009, 23, 793.6.	0.5	0
27	Effect of propionylcarnitine on mitochondrial energy metabolism in elderly rat heart. <i>FASEB Journal</i> , 2012, 26, 785.2.	0.5	0
28	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