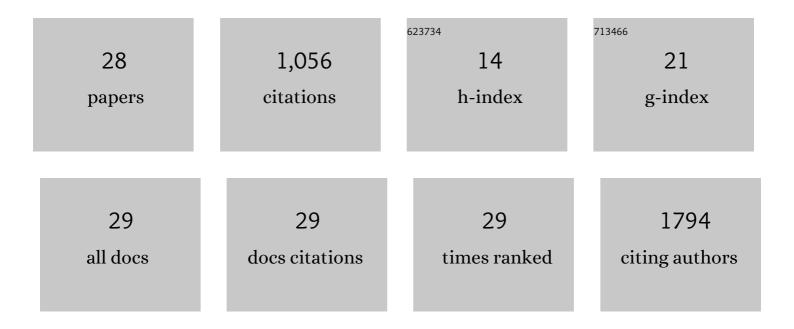
## **Charles Hoppel**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Parkinson's disease–associated mutant VPS35 causes mitochondrial dysfunction by recycling DLP1 complexes. Nature Medicine, 2016, 22, 54-63.	30.7	265
2	The role of carnitine in normal and altered fatty acid metabolism. American Journal of Kidney Diseases, 2003, 41, S4-S12.	1.9	216
3	Hyperammonaemiaâ€induced skeletal muscle mitochondrial dysfunction results in cataplerosis and oxidative stress. Journal of Physiology, 2016, 594, 7341-7360.	2.9	122
4	GENETIC DISORDERS OF CARNITINE METABOLISM AND THEIR NUTRITIONAL MANAGEMENT. Annual Review of Nutrition, 1998, 18, 179-206.	10.1	89
5	The action of digitonin on rat liver mitochondria. The effects on enzyme content. Biochemical Journal, 1968, 107, 367-375.	3.1	81
6	Parkinson's disease-associated pathogenic VPS35 mutation causes complex I deficits. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2791-2795.	3.8	40
7	Mitofusin 2 Regulates Axonal Transport of Calpastatin to Prevent Neuromuscular Synaptic Elimination in Skeletal Muscles. Cell Metabolism, 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. PLoS ONE, 2017, 12, e0183978.	2.5	26
9	Analyzing mitochondrial function in human peripheral blood mononuclear cells. Analytical Biochemistry, 2018, 549, 12-20.	2.4	25
10	A 22 kDa polyanion inhibits carnitine-dependent fatty acid oxidation in rat liver mitochondria. FEBS Letters, 1999, 460, 241-245.	2.8	22
11	Acetyl-l-carnitine increases mitochondrial protein acetylation in the aged rat heart. Mechanisms of Ageing and Development, 2015, 145, 39-50.	4.6	22
12	Investigating the link of <i>ACAD10</i> deficiency to type 2 diabetes mellitus. Journal of Inherited Metabolic Disease, 2018, 41, 49-57.	3.6	21
13	The action of digitonin on rat liver mitochondria. Phospholipid content. Biochemical Journal, 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. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E864-E873.	3.5	18
15	Metabolic reprogramming during hyperammonemia targets mitochondrial function and postmitotic senescence. JCI Insight, 2021, 6, .	5.0	17
16	The action of digitonin on rat liver mitochondria. Electron microscopy. Biochemical Journal, 1968, 107, 377-380.	3.1	13
17	Integrated mitochondrial function and cancer-related fatigue in men with prostate cancer undergoing radiation therapy. Cancer Management and Research, 2018, Volume 10, 6367-6377.	1.9	8
18	Relationships between expression of BCS1L, mitochondrial bioenergetics, and fatigue among patients with prostate cancer. Cancer Management and Research, 2019, Volume 11, 6703-6717.	1.9	8

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#	Article	IF	CITATIONS
19	Alterations of skeletal muscle bioenergetics in a mouse with F508del mutation leading to a cystic fibrosis-like condition. American Journal of Physiology - Endocrinology and Metabolism, 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. Antibiotics, 2022, 11, 490.	3.7	2
21	ACAD10 protein expression and Neurobehavioral assessment of Acad10-deficient mice. PLoS ONE, 2020, 15, e0242445.	2.5	1
22	Possible Bioenergetic Biomarker for Chronic Cancer-Related Fatigue. Nursing Research, 2021, Publish Ahead of Print, 475-480.	1.7	0
23	Is there a single malonyl oA pool in the heart for regulation of carnitine palmitoyltransferaseâ€I and fatty acid chain elongation. FASEB Journal, 2006, 20, A139.	0.5	0
24	Identification of cisâ€3,4 yclopropaneâ€heptanoylcarnitine in human urine and its synthesis. FASEB Journal, 2006, 20, A1041.	0.5	0
25	Effect Of Age, Anesthesia, And Ischemia/Reperfusion With Palmitate On Myocardial Acylcarnitines. FASEB Journal, 2007, 21, A716.	0.5	0
26	Fatty acid beta oxidation is the source of malonyl oA for fatty acid chain elongation in rat heart. FASEB Journal, 2009, 23, 793.6.	0.5	0
27	Effect of propionylcarnitine on mitochondrial energy metabolism in elderly rat heart. FASEB Journal, 2012, 26, 785.2.	0.5	0
28	Isolation and mass spectrometric analysis of native protein complexes in rat liver mitochondrial contact sites. FASEB Journal, 2012, 26, 988.8.	0.5	0