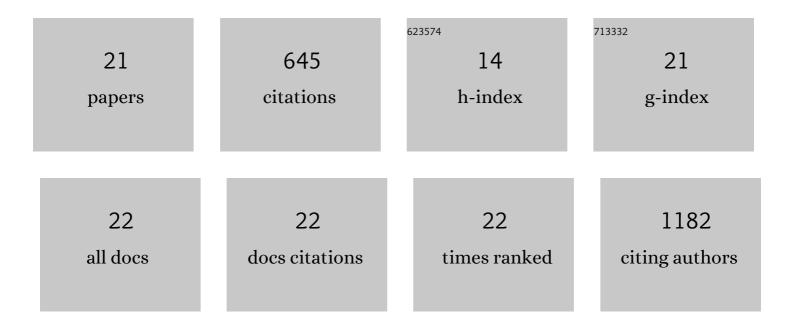
## **Roderick N Carter**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/749225/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Genomic loci mispositioning in Tmem120a knockout mice yields latent lipodystrophy. Nature Communications, 2022, 13, 321.	5.8	24
2	Multiparametric High-Content Cell Painting Identifies Copper Ionophores as Selective Modulators of Esophageal Cancer Phenotypes. ACS Chemical Biology, 2022, 17, 1876-1889.	1.6	11
3	JMJD6 promotes self-renewal and regenerative capacity of hematopoietic stem cells. Blood Advances, 2021, 5, 889-899.	2.5	9
4	Glucocorticoids regulate mitochondrial fatty acid oxidation in fetal cardiomyocytes. Journal of Physiology, 2021, 599, 4901-4924.	1.3	15
5	A human pluripotent stem cell model for the analysis of metabolic dysfunction in hepatic steatosis. IScience, 2021, 24, 101931.	1.9	19
6	Hydrogen sulfide in ageing, longevity and disease. Biochemical Journal, 2021, 478, 3485-3504.	1.7	24
7	The hepatic compensatory response to elevated systemic sulfide promotes diabetes. Cell Reports, 2021, 37, 109958.	2.9	9
8	Osteocalcin Regulates Arterial Calcification Via Altered Wnt Signaling and Glucose Metabolism. Journal of Bone and Mineral Research, 2020, 35, 357-367.	3.1	59
9	Strain-specificity in the hydrogen sulphide signalling network following dietary restriction in recombinant inbred mice. GeroScience, 2020, 42, 801-812.	2.1	10
10	Human umbilical cord perivascular cells improve human pancreatic islet transplant function by increasing vascularization. Science Translational Medicine, 2020, 12, .	5.8	34
11	Tst gene mediates protection against palmitate-induced inflammation in 3T3-L1 adipocytes. Biochemical and Biophysical Research Communications, 2020, 527, 1008-1013.	1.0	4
12	<i>Camk2n1</i> Is a Negative Regulator of Blood Pressure, Left Ventricular Mass, Insulin Sensitivity, and Promotes Adiposity. Hypertension, 2019, 74, 687-696.	1.3	13
13	The long non-coding RNA Cerox1 is a post transcriptional regulator of mitochondrial complex I catalytic activity. ELife, 2019, 8, .	2.8	42
14	Mouse Idh3a mutations cause retinal degeneration and reduced mitochondrial function. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	23
15	Sideroflexin 3 is a α-synuclein-dependent mitochondrial protein that regulates synaptic morphology. Journal of Cell Science, 2017, 130, 325-331.	1.2	19
16	Fumarate hydratase is a critical metabolic regulator of hematopoietic stem cell functions. Journal of Experimental Medicine, 2017, 214, 719-735.	4.2	62
17	Complement Factor B Is a Determinant of Both Metabolic and Cardiovascular Features of Metabolic Syndrome. Hypertension, 2017, 70, 624-633.	1.3	26
18	Bioenergetic status modulates motor neuron vulnerability and pathogenesis in a zebrafish model of spinal muscular atrophy. PLoS Genetics, 2017, 13, e1006744.	1.5	69

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#	Article	IF	CITATIONS
19	A Syntenic Cross Species Aneuploidy Genetic Screen Links RCAN1 Expression to β-Cell Mitochondrial Dysfunction in Type 2 Diabetes. PLoS Genetics, 2016, 12, e1006033.	1.5	39
20	Cysteine and hydrogen sulphide in the regulation of metabolism: insights from genetics and pharmacology. Journal of Pathology, 2016, 238, 321-332.	2.1	76
21	Genetic identification of thiosulfate sulfurtransferase as an adipocyte-expressed antidiabetic target in mice selected for leanness. Nature Medicine, 2016, 22, 771-779.	15.2	57