

# Cristal M Hill

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

32  
papers

651  
citations

14  
h-index

25  
g-index

35  
ext. papers

892  
ext. citations

8.5  
avg, IF

3.96  
L-index

#	Paper	IF	Citations
32	FGF21 is required for protein restriction to extend lifespan and improve metabolic health in male mice.. <i>Nature Communications</i> , <b>2022</b> , 13, 1897	17.4	4
31	Antiaging diets: Separating fact from fiction. <i>Science</i> , <b>2021</b> , 374, eabe7365	33.3	14
30	The AGE Presents Introduction to Geroscience video lecture series. <i>GeroScience</i> , <b>2021</b> , 43, 1697-1701	8.9	
29	Physiologic Responses to Dietary Sulfur Amino Acid Restriction in Mice Are Influenced by Atf4 Status and Biological Sex. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 785-799	4.1	8
28	FGF21 prevents low-protein diet-induced renal inflammation in aged mice. <i>American Journal of Physiology - Renal Physiology</i> , <b>2021</b> , 321, F356-F368	4.3	3
27	Leptin receptor signaling is required for intact hypoglycemic counterregulation: A study in male Zucker rats. <i>Journal of Diabetes and Its Complications</i> , <b>2021</b> , 35, 107994	3.2	1
26	Leptin treatment prevents impaired hypoglycemic counterregulation induced by exposure to severe caloric restriction or exposure to recurrent hypoglycemia. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2021</b> , 235, 102853	2.4	1
25	The importance of diversity and outreach in geroscience research: Insights from the Annual Biomedical Research Conference for Minority Students. <i>GeroScience</i> , <b>2020</b> , 42, 1005-1012	8.9	0
24	Consuming a ketogenic diet leads to altered hypoglycemic counter-regulation in mice. <i>Journal of Diabetes and Its Complications</i> , <b>2020</b> , 34, 107557	3.2	6
23	FGF21 and the Physiological Regulation of Macronutrient Preference. <i>Endocrinology</i> , <b>2020</b> , 161,	4.8	26
22	13-LB: Leptin Treatment Prevents Impaired Hypoglycemic Counterregulation Induced by Exposure to Recurrent Hypoglycemia or Caloric Restriction. <i>Diabetes</i> , <b>2020</b> , 69, 13-LB	0.9	
21	238-LB: Dietary Protein Restriction Induces Myocardial Dysfunction Despite Reducing Body Weight in Aged C57BL/6J Mice. <i>Diabetes</i> , <b>2020</b> , 69, 238-LB	0.9	
20	227-LB: Dietary Protein Restriction Induced FGF21 Improves Metabolic Health during Aging. <i>Diabetes</i> , <b>2020</b> , 69, 227-LB	0.9	
19	FGF21 Signals Protein Status to the Brain and Adaptively Regulates Food Choice and Metabolism. <i>Cell Reports</i> , <b>2019</b> , 27, 2934-2947.e3	10.6	71
18	Activation of hepatic estrogen receptor- $\alpha$ increases energy expenditure by stimulating the production of fibroblast growth factor 21 in female mice. <i>Molecular Metabolism</i> , <b>2019</b> , 22, 62-70	8.8	18
17	The Protein Leverage Hypothesis: A 2019 Update for Obesity. <i>Obesity</i> , <b>2019</b> , 27, 1221	8	4
16	386-P: Chronic and Acute Consumption of a Ketogenic Diet Leads to Deficits in Hypoglycemic Counterregulation in Mice. <i>Diabetes</i> , <b>2019</b> , 68, 386-P	0.9	

15	Effects of rapamycin on growth hormone receptor knockout mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E1495-E1503	11.5	34
14	Dietary branched chain amino acids and metabolic health: when less is more. <i>Journal of Physiology</i> , <b>2018</b> , 596, 555-556	3.9	7
13	Homeostatic sensing of dietary protein restriction: A case for FGF21. <i>Frontiers in Neuroendocrinology</i> , <b>2018</b> , 51, 125-131	8.9	33
12	Neuronal FGF-21 Signaling A Sensor of Dietary Protein Restriction. <i>Diabetes</i> , <b>2018</b> , 67, 261-LB	0.9	
11	Attenuation of epidermal growth factor (EGF) signaling by growth hormone (GH). <i>Journal of Endocrinology</i> , <b>2017</b> , 233, 175-186	4.7	4
10	Differential effects of early-life nutrient restriction in long-lived GHR-KO and normal mice. <i>GeroScience</i> , <b>2017</b> , 39, 347-356	8.9	20
9	Low protein-induced increases in FGF21 drive UCP1-dependent metabolic but not thermoregulatory endpoints. <i>Scientific Reports</i> , <b>2017</b> , 7, 8209	4.9	52
8	Longevity is impacted by growth hormone action during early postnatal period. <i>ELife</i> , <b>2017</b> , 6,	8.9	34
7	Growth hormone actions during development influence adult phenotype and longevity. <i>Experimental Gerontology</i> , <b>2016</b> , 86, 22-27	4.5	9
6	Alterations in oxidative, inflammatory and apoptotic events in short-lived and long-lived mice testes. <i>Aging</i> , <b>2016</b> , 8, 95-110	5.6	22
5	Original Research: Metabolic alterations from early life thyroxine replacement therapy in male Ames dwarf mice are transient. <i>Experimental Biology and Medicine</i> , <b>2016</b> , 241, 1764-71	3.7	8
4	Long-lived hypopituitary Ames dwarf mice are resistant to the detrimental effects of high-fat diet on metabolic function and energy expenditure. <i>Aging Cell</i> , <b>2016</b> , 15, 509-21	9.9	27
3	Female PAPP-A knockout mice are resistant to metabolic dysfunction induced by high-fat/high-sucrose feeding at middle age. <i>Age</i> , <b>2015</b> , 37, 9765		14
2	Duration of rapamycin treatment has differential effects on metabolism in mice. <i>Cell Metabolism</i> , <b>2013</b> , 17, 456-62	24.6	134
1	Growth hormone-releasing hormone disruption extends lifespan and regulates response to caloric restriction in mice. <i>ELife</i> , <b>2013</b> , 2, e01098	8.9	93