Cara L Green

List of Publications by Year
in descending order

24 papers	1,027 citations	687335 13 h-index	642715 23 g-index
25 all docs	25 docs citations	25 times ranked	1093 citing authors

#	Article	IF	Citations
1	Molecular mechanisms of dietary restriction promoting health and longevity. Nature Reviews Molecular Cell Biology, 2022, 23, 56-73.	37.0	277
2	The adverse metabolic effects of branched-chain amino acids are mediated by isoleucine and valine. Cell Metabolism, 2021, 33, 905-922.e6.	16.2	183
3	Fasting drives the metabolic, molecular and geroprotective effects of a calorie-restricted diet in mice. Nature Metabolism, 2021, 3, 1327-1341.	11.9	84
4	Regulation of metabolic health by essential dietary amino acids. Mechanisms of Ageing and Development, 2019, 177, 186-200.	4.6	75
5	The effects of graded levels of calorie restriction: III. Impact of short term calorie and protein restriction on mean daily body temperature and torpor use in the C57BL/6 mouse. Oncotarget, 2015, 6, 18314-18337.	1.8	51
6	The effects of graded levels of calorie restriction: IX. Global metabolomic screen reveals modulation of carnitines, sphingolipids and bile acids in the liver of C57BL/6 mice. Aging Cell, 2017, 16, 529-540.	6.7	48
7	Sex and genetic background define the metabolic, physiologic, and molecular response to protein restriction. Cell Metabolism, 2022, 34, 209-226.e5.	16.2	44
8	The effects of graded levels of calorie restriction: V. Impact of short term calorie and protein restriction on physical activity in the C57BL/6 mouse. Oncotarget, 2016, 7, 19147-19170.	1.8	37
9	The effects of graded levels of calorie restriction: VIII. Impact of short term calorie and protein restriction on basal metabolic rate in the C57BL/6 mouse. Oncotarget, 2017, 8, 17453-17474.	1.8	34
10	Integrating Mouse and Human Genetic Data to Move beyond GWAS and Identify Causal Genes in Cholesterol Metabolism. Cell Metabolism, 2020, 31, 741-754.e5.	16.2	32
11	The effects of graded levels of calorie restriction: XI. Evaluation of the main hypotheses underpinning the life extension effects of CR using the hepatic transcriptome. Aging, 2017, 9, 1770-1824.	3.1	30
12	The effects of graded levels of calorie restriction: VI. Impact of short-term graded calorie restriction on transcriptomic responses of the hypothalamic hunger and circadian signaling pathways. Aging, 2016, 8, 642-661.	3.1	24
13	The Effects of Graded Levels of Calorie Restriction: X. Transcriptomic Responses of Epididymal Adipose Tissue. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 279-288.	3.6	18
14	The effects of graded levels of calorie restriction: VII. Topological rearrangement of hypothalamic aging networks. Aging, 2016, 8, 917-932.	3.1	18
15	The Effects of Graded Levels of Calorie Restriction: XIII. Global Metabolomics Screen Reveals Graded Changes in Circulating Amino Acids, Vitamins, and Bile Acids in the Plasma of C57BL/6 Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 16-26.	3.6	14
16	The Effects of Graded Levels of Calorie Restriction: XIV. Global Metabolomics Screen Reveals Brown Adipose Tissue Changes in Amino Acids, Catecholamines, and Antioxidants After Short-Term Restriction in C57BL/6 Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 218-229.	3.6	14
17	Agonist-independent GÎ±z activity negatively regulates beta-cell compensation in a diet-induced obesity model of type 2 diabetes. Journal of Biological Chemistry, 2021, 296, 100056.	3.4	14
18	The effects of graded calorie restriction XVII: Multitissue metabolomics reveals synthesis of carnitine and NAD, and tRNA charging as key pathways. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	10

#	Article	IF	Citations
19	The Effects of Graded Levels of Calorie Restriction: XVI. Metabolomic Changes in the Cerebellum Indicate Activation of Hypothalamocerebellar Connections Driven by Hunger Responses. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 601-610.	3.6	8
20	We are more than what we eat. Nature Metabolism, 2021, 3, 1144-1145.	11.9	5
21	The Second Annual Symposium of the Midwest Aging Consortium: The Future of Aging Research in the Midwestern United States. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 2156-2161.	3.6	2
22	Metabolism in the Midwest: research from the Midwest Aging Consortium at the 49th Annual Meeting of the American Aging Association. GeroScience, 2022, 44, 39-52.	4.6	2
23	Of Mice and Men: Impacts of Calorie Restriction on Metabolomics of the Cerebellum. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 547-551.	3.6	1
24	A food with medicine approach to health. Cell Metabolism, 2021, 33, 2303-2304.	16.2	1