Davina Derous

List of Publications by Year
in descending order

27 papers	585 citations	777949 13 h-index	759306 22 g-index
29 all docs	29 docs citations	29 times ranked	712 citing authors

#	Article	IF	Citations
1	Effects of dietary macronutrients on the hepatic transcriptome and serum metabolome in mice. Aging Cell, 2022, , e13585.	3.0	4
2	Untargeted plasma metabolomic analysis of wild bottlenose dolphins (Tursiops truncatus) indicate protein degradation when in poorer health. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2022, 42, 100991.	0.4	1
3	Calorie restriction and calorie dilution have different impacts on body fat, metabolism, behavior, and hypothalamic gene expression. Cell Reports, 2022, 39, 110835.	2.9	8
4	Climate change and cetacean health: impacts and future directions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20210249.	1.8	7
5	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.	1.7	8
6	Comparative genomics of cetartiodactyla: energy metabolism underpins the transition to an aquatic lifestyle. , 2021, 9, coaa136.		12
7	Metabolic response of dolphins to short-term fasting reveals physiological changes that differ from the traditional fasting model. Journal of Experimental Biology, 2021, 224, .	0.8	11
8	Protein quality and quantity influence the effect of dietary fat on weight gain and tissue partitioning via host-microbiota changes. Cell Reports, 2021, 35, 109093.	2.9	8
9	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.	1.7	14
10	Toward New Ecologically Relevant Markers of Health for Cetaceans. Frontiers in Marine Science, 2020, 7, .	1.2	17
11	The Effects of Graded Levels of Calorie Restriction XV: Phase Space Attractors Reveal Distinct Behavioral Phenotypes. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 858-866.	1.7	3
12	Limits to sustained energy intake. XXX. Constraint or restraint? Manipulations of food supply show peak food intake in lactation is constrained. Journal of Experimental Biology, 2020, 223, .	0.8	4
13	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.	1.7	14
14	Using taxonomically-relevant condition proxies when estimating the conservation impact of wildlife tourism effects. Tourism Management, 2019, 75, 547-549.	5.8	3
15	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.	1.7	18
16	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.	3.0	48
17	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.	1.4	30
18	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.	0.8	34

#	Article	IF	Citations
19	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.	0.8	37
20	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.	1.4	24
21	The effects of graded levels of calorie restriction: VII. Topological rearrangement of hypothalamic aging networks. Aging, 2016, 8, 917-932.	1.4	18
22	The effects of graded levels of calorie restriction: IV. Non-linear change in behavioural phenotype of mice in response to short-term calorie restriction. Scientific Reports, 2015, 5, 13198.	1.6	21
23	The effects of graded levels of calorie restriction: I. impact of short term calorie and protein restriction on body composition in the C57BL/6 mouse. Oncotarget, 2015, 6, 15902-15930.	0.8	89
24	Network-based integration of molecular and physiological data elucidates regulatory mechanisms underlying adaptation to high-fat diet. Genes and Nutrition, 2015, 10, 470.	1.2	14
25	Oxygen restriction as challenge test reveals early high-fat-diet-induced changes in glucose and lipid metabolism. Pflugers Archiv European Journal of Physiology, 2015, 467, 1179-1193.	1.3	8
26	The effects of graded levels of calorie restriction: II. Impact of short term calorie and protein restriction on circulating hormone levels, glucose homeostasis and oxidative stress in male C57BL/6 mice. Oncotarget, 2015, 6, 23213-23237.	0.8	76
27	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.	0.8	51