

Effect of dietary restriction on age-related increase of lipids in rats

Lipids

36, 589-593

DOI: [10.1007/s11745-001-0761-1](https://doi.org/10.1007/s11745-001-0761-1)

Citation Report

#	ARTICLE	IF	CITATIONS
1	1,4-Dichlorobenzene-Induced Liver Tumors in the Mouse: Evaluation of the Role of Chlorohydroquinones. <i>Reviews on Environmental Health</i> , 2002, 17, 279-90.	1.1	6
3	Dietary Restriction Downregulates Free Radical and Lipid Peroxide Production: Plausible Mechanism for Elongation of Life Span.. <i>Journal of Nutritional Science and Vitaminology</i> , 2002, 48, 257-264.	0.2	34
4	Food restriction and fish oil suppress atherogenic risk factors in lupus-prone (NZB x NZW) F1 mice. <i>Journal of Clinical Immunology</i> , 2003, 23, 23-33.	2.0	26
5	Life, death and membrane bilayers. <i>Journal of Experimental Biology</i> , 2003, 206, 2303-2311.	0.8	162
6	Collagen, ageing and nutrition. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 9-12.	1.4	3
7	Nutritional Manipulation of Primate Retinas, I: Effects of Lutein or Zeaxanthin Supplements on Serum and Macular Pigment in Xanthophyll-Free Rhesus Monkeys. , 2004, 45, 3234.		107
8	Effect of ageing and caloric restriction on specific markers of protein oxidative damage and membrane peroxidizability in rat liver mitochondria. <i>Mechanisms of Ageing and Development</i> , 2004, 125, 529-538.	2.2	69
9	Calorie restriction attenuates age-related alterations in the plasma membrane antioxidant system in rat liver. <i>Experimental Gerontology</i> , 2004, 39, 297-304.	1.2	135
10	Effect of Recombinant Human Growth Hormone on Age-Related Hepatocyte Changes in Old Male and Female Wistar Rats. <i>Endocrine</i> , 2004, 25, 33-40.	2.2	19
11	On the importance of fatty acid composition of membranes for aging. <i>Journal of Theoretical Biology</i> , 2005, 234, 277-288.	0.8	186
12	Effect of melatonin administration on parameters related to oxidative damage in hepatocytes isolated from old Wistar rats. <i>Journal of Pineal Research</i> , 2005, 38, 240-246.	3.4	26
13	Effects of caloric restriction on post-spawning death of ayu. <i>Experimental Gerontology</i> , 2005, 40, 556-561.	1.2	2
14	Mouse liver plasma membrane redox system activity is altered by aging and modulated by calorie restriction. <i>Age</i> , 2005, 27, 153-160.	3.0	37
15	Minireview: The Role of Oxidative Stress in Relation to Caloric Restriction and Longevity. <i>Endocrinology</i> , 2005, 146, 3713-3717.	1.4	244
16	Effects of fasting on oxidative stress in rat liver mitochondria. <i>Free Radical Research</i> , 2006, 40, 339-347.	1.5	88
17	The plasma membrane redox system in aging. <i>Ageing Research Reviews</i> , 2006, 5, 209-220.	5.0	119
18	Effect of isoflavone administration on age-related hepatocyte changes in old ovariectomized female Wistar rats. <i>Phytomedicine</i> , 2006, 13, 468-476.	2.3	16
19	Calorie Restriction in Mice: Effects on Body Composition, Daily Activity, Metabolic Rate, Mitochondrial Reactive Oxygen Species Production, and Membrane Fatty Acid Composition. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2006, 61, 781-794.	1.7	95

#	ARTICLE	IF	CITATIONS
20	Sexual dimorphism in liver mitochondrial oxidative capacity is conserved under caloric restriction conditions. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 293, C1302-C1308.	2.1	76
21	Hypoxia-related lipid peroxidation: Evidences, implications and approaches. <i>Respiratory Physiology and Neurobiology</i> , 2007, 158, 143-150.	0.7	82
22	Life and Death: Metabolic Rate, Membrane Composition, and Life Span of Animals. <i>Physiological Reviews</i> , 2007, 87, 1175-1213.	13.1	732
23	Effect of exogenous administration of melatonin and growth hormone on pro-antioxidant functions of the liver in aging male rats. <i>Journal of Pineal Research</i> , 2007, 42, 64-70.	3.4	33
24	Age-related increase of superoxide generation in the brains of mammals and birds. <i>Aging Cell</i> , 2008, 7, 459-469.	3.0	84
25	Nutrition and Exercise in Cardiovascular Aging: Metabolic and Pharmacological Interventions. , 2008, , 471-496.		0
26	Membrane phospholipids, lipoxidative damage and molecular integrity: A causal role in aging and longevity. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 1249-1262.	0.5	293
27	Molecular mechanisms involved in the hormonal prevention of aging in the rat. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 108, 318-326.	1.2	45
28	Aging and Survival: The Genetics of Life Span Extension by Dietary Restriction. <i>Annual Review of Biochemistry</i> , 2008, 77, 727-754.	5.0	552
30	Comparison of rat liver and brain proteasomes for oxidative stress-induced inactivation: Influence of ageing and dietary restriction. <i>Free Radical Research</i> , 2009, 43, 28-36.	1.5	33
33	Age-related increase of reactive oxygen generation in the brains of mammals and birds: Is reactive oxygen a signaling molecule to determine the aging process and life span?. <i>Geriatrics and Gerontology International</i> , 2010, 10, S10-24.	0.7	12
34	Polyunsaturated fats, membrane lipids and animal longevity. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 149-166.	0.7	104
35	Physiological underpinnings associated with differences in pace of life and metabolic rate in north temperate and neotropical birds. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 545-561.	0.7	39
36	Linkages between Mitochondrial Lipids and Life History in Temperate and Tropical Birds. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 265-275.	0.6	13
37	The effects of dietary restriction on oxidative stress in rodents. <i>Free Radical Biology and Medicine</i> , 2014, 66, 88-99.	1.3	139
38	Energy restriction does not prevent insulin resistance but does prevent liver steatosis in aging rats on a Western-style diet. <i>Nutrition</i> , 2015, 31, 523-530.	1.1	7
39	Perspectives on the membrane fatty acid unsaturation/pacemaker hypotheses of metabolism and aging. <i>Chemistry and Physics of Lipids</i> , 2015, 191, 48-60.	1.5	14
40	Dietary restriction reduces blood lipids and ameliorates liver function of mice with hyperlipidemia. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2017, 37, 79-86.	1.0	13

#	ARTICLE	IF	CITATIONS
41	Carbohydrate restriction ameliorates nephropathy by reducing oxidative stress and upregulating HIF-1 α levels in type-1 diabetic rats. <i>Journal of Diabetes and Metabolic Disorders</i> , 2017, 16, 47.	0.8	20
42	Reducing the Damage: Metabolism Behaviour <i>Aesthetic Medicine</i> . , 2019, , 45-62.		0
44	Effects of Aging and Methionine Restriction on Rat Kidney Metabolome. <i>Metabolites</i> , 2019, 9, 280.	1.3	16
45	Linking Lipid Metabolism to Chromatin Regulation in Aging. <i>Trends in Cell Biology</i> , 2019, 29, 97-116.	3.6	96
46	Purple wheat alleviates dyslipidaemia in rat model. <i>Food Science and Technology</i> , 0, , .	0.8	1
47	Exploring the Mechanism of Aging Using Rodent Models. , 2003, , 221-246.		0
48	The role of cellular lipid metabolism in aging. , 2023, , 225-248.		0