

Components of the AIN-93 Diets as Improvements in th

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Disease incidence and longevity are unaltered by dietary antioxidant supplementation initiated during middle age in C57BL/6 mice. Mechanisms of Ageing and Development, 1998, 103, 269-284.	2.2	92
3	DIETARY OXIDATIVE STRESS AND THE POTENTIATION OF VIRAL INFECTION. Annual Review of Nutrition, 1998, 18, 93-116.	4.3	75
4	NUTRITION METHODOLOGY. , 1999, , 929-934.		0
5	INORGANIC NUTRIENTS. , 1999, , 693-878.		9
6	Effect of carcinogen dose fractionation, diet and source of F344 rat on the induction of colonic aberrant crypts by 2-amino-3-methylimidazo[4,5-f]quinoline. Carcinogenesis, 1999, 20, 2293-2298.	1.3	13
7	Î²-Carotene Is Converted Primarily to Retinoids in Rats In Vivo. Journal of Nutrition, 2000, 130, 1996-2001.	1.3	93
8	High-Level Dietary Vitamin A Enhances T-Helper Type 2 Cytokine Production and Secretory Immunoglobulin A Response to Influenza A Virus Infection in BALB/c Mice. Journal of Nutrition, 2000, 130, 1132-1139.	1.3	80
9	Manipulating the sulfur amino acid content of the early diet and its implications for long-term health. Proceedings of the Nutrition Society, 2002, 61, 71-77.	0.4	47
10	Soy Isoflavones Increase Latency of Spontaneous Mammary Tumors in Mice. Journal of Nutrition, 2002, 132, 3186-3190.	1.3	91
11	Hyperhomocysteinemia Due to Short-Term Folate Deprivation Is Related to Electron Microscopic Changes in the Rat Brain. Journal of Nutrition, 2002, 132, 3418-3421.	1.3	47
12	Protective effect of glycine on renal injury induced by ischemia-reperfusion in vivo. American Journal of Physiology - Renal Physiology, 2002, 282, F417-F423.	1.3	72
13	Lactulose-induced diarrhoea in rats: effects on caecal development and activities of microbial enzymes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2002, 133, 411-417.	0.8	39
14	Effects of butyrate on active sodium and chloride transport in rat and rabbit distal colon. Journal of Physiology, 2002, 539, 163-173.	1.3	49
15	Cycloalliin, a cyclic sulfur imino acid, reduces serum triacylglycerol in rats. Nutrition, 2003, 19, 140-143.	1.1	47
16	Effects of dietary carbohydrate on the development of obesity in heterozygous Zucker rats. Journal of Nutritional Biochemistry, 2003, 14, 32-39.	1.9	7
17	Blood Coagulation and Fibrinolysis of Rats Fed Fish Oil: Reduced Coagulation Factors Especially Involved in Intrinsic Pathway and Increased Activity of Plasminogen Activator Inhibitor. Bioscience, Biotechnology and Biochemistry, 2003, 67, 2100-2105.	0.6	7
18	Auditory Brainstem Evoked Response in Juvenile Rats Fed Rat Milk Formulas with High Docosahexaenoic Acid. Nutritional Neuroscience, 2003, 6, 335-341.	1.5	11
19	Amelioration of dextran sulfate colitis by butyrate: role of heat shock protein 70 and NF-Î²B. American Journal of Physiology - Renal Physiology, 2003, 285, G177-G184.	1.6	115

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20	Cholecystokinin-A Receptors Are Involved in Food Intake Suppression in Rats after Intake of all Fats and Carbohydrates Tested. <i>Journal of Nutrition</i> , 2003, 133, 2319-2325.	1.3	14
21	A Licorice Ethanolic Extract with Peroxisome Proliferator-Activated Receptor- β Ligand-Binding Activity Affects Diabetes in KK-Ay Mice, Abdominal Obesity in Diet-Induced Obese C57BL Mice and Hypertension in Spontaneously Hypertensive Rats. <i>Journal of Nutrition</i> , 2003, 133, 3369-3377.	1.3	94
22	Dietary Folate and Selenium Affect Dimethylhydrazine-Induced Aberrant Crypt Formation, Global DNA Methylation and One-Carbon Metabolism in Rats. <i>Journal of Nutrition</i> , 2003, 133, 2907-2914.	1.3	144
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25	Does maternal dietary mineral restriction per se predispose the offspring to insulin resistance?. <i>European Journal of Endocrinology</i> , 2004, 151, 287-294.	1.9	29
26	Fish Protein Stimulated the Fibrinolysis in Rats. <i>Annals of Nutrition and Metabolism</i> , 2004, 48, 348-356.	1.0	16
27	Coenzyme Q supplementation protects from age-related DNA double-strand breaks and increases lifespan in rats fed on a PUFA-rich diet. <i>Experimental Gerontology</i> , 2004, 39, 189-194.	1.2	77
28	Dietary fat type (virgin olive vs. sunflower oils) affects age-related changes in DNA double-strand-breaks, antioxidant capacity and blood lipids in rats. <i>Experimental Gerontology</i> , 2004, 39, 1189-1198.	1.2	72
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33	The effect of dietary n-3 long-chain polyunsaturated fatty acids on femur mineral density and biomarkers of bone metabolism in healthy, diabetic and dietary-restricted growing rats. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2004, 71, 121-130.	1.0	36
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35	Effect of moderate physical exercise on plasma and tissue levels of insulin-like growth factor-1 in adult rats. <i>Nutrition Research</i> , 2004, 24, 555-564.	1.3	12
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37	β -Sitosterol, β -Sitosterol Glucoside, and a Mixture of β -Sitosterol and β -Sitosterol Glucoside Modulate the Growth of Estrogen-Responsive Breast Cancer Cells In Vitro and in Ovariectomized Athymic Mice. <i>Journal of Nutrition</i> , 2004, 134, 1145-1151.	1.3	142

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57	Curcuminoids and Sesquiterpenoids in Turmeric (<i>Curcuma longa</i> L.) Suppress an Increase in Blood Glucose Level in Type 2 Diabetic KK-AyMice. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 959-963.	2.4	317
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75	Dietary Conjugated Linoleic Acid Does Not Adversely Affect Bone Mass in Obese fa/fa or Lean Zucker Rats. <i>Experimental Biology and Medicine</i> , 2006, 231, 1602-1609.	1.1	17
76	Reduction of Cholesterol Absorption by Dietary Plant Sterols and Stanols in Mice Is Independent of the Abcg5/8 Transporter. <i>Journal of Nutrition</i> , 2006, 136, 2135-2140.	1.3	80
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86	Hypercholesterolemia Does Not Alter Endothelial Function in Spontaneously Hypertensive Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 317, 1019-1026.	1.3	21
87	Dietary calcium regulates ROS production in aP2-agouti transgenic mice on high-fat/high-sucrose diets. <i>International Journal of Obesity</i> , 2006, 30, 1341-1346.	1.6	36
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93	Methionine-Induced Elevation of Plasma Homocysteine Concentration Is Associated with an Increase of Plasma Cholesterol in Adult Rats. <i>Annals of Nutrition and Metabolism</i> , 2006, 50, 139-146.	1.0	32
94	Effects of dietary daidzein and its metabolite, equol, at physiological concentrations on the growth of estrogen-dependent human breast cancer (MCF-7) tumors implanted in ovariectomized athymic mice. <i>Carcinogenesis</i> , 2006, 27, 856-863.	1.3	134
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96	Gender differences in the modulation of cardiac gene expression by dietary conjugated linoleic acid isomers This paper is one of a selection of papers published in this Special Issue, entitled The Cellular and Molecular Basis of Cardiovascular Dysfunction, Dhalla 70th Birthday Tribute.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2007, 85, 465-475.	0.7	17
97	Nutrient selection through nutrigenomic approaches. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R204-R206.	0.9	3
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100	Effect of Neonatal Exposure to Genistein on Bone Metabolism in Mice at Adulthood. <i>Pediatric Research</i> , 2007, 61, 48-53.	1.1	51
101	Effect of Prenatal Exposure to Isoflavones on Bone Metabolism in Mice at Adulthood. <i>Pediatric Research</i> , 2007, 61, 438-443.	1.1	10
102	Characterization of the antigenic specificity of soybean protein β -conglycinin and its effects on growth and immune function in rats. <i>Archives of Animal Nutrition</i> , 2007, 61, 189-200.	0.9	35
103	Suppression by Licorice Flavonoids of Abdominal Fat Accumulation and Body Weight Gain in High-Fat Diet-Induced Obese C57BL/6J Mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 206-214.	0.6	110
104	A high-fat, ketogenic diet induces a unique metabolic state in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1724-E1739.	1.8	343
105	Altered vitamin A homeostasis and increased size and adiposity in the rdhla ϵ null mouse. <i>FASEB Journal</i> , 2007, 21, 2886-2896.	0.2	81
106	Dietary Selenium Affects Homocysteine Metabolism Differently in Fisher-344 Rats and CD-1 Mice. <i>Journal of Nutrition</i> , 2007, 137, 1132-1136.	1.3	39
107	Feeding flaxseed oil but not secoisolariciresinol diglucoside results in higher bone mass in healthy rats and rats with kidney disease. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2007, 76, 269-275.	1.0	22
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111	Lack of effect of sugar cane policosanol on plasma cholesterol in golden syrian hamsters. <i>Atherosclerosis</i> , 2007, 194, 153-158.	0.4	26
112	Anti-Obesity and Hypolipidemic Effects of Black Soybean Anthocyanins. <i>Journal of Medicinal Food</i> , 2007, 10, 552-556.	0.8	135
113	The Metabolic Fate of Purified Glucoraphanin in F344 Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2861-2866.	2.4	85
114	Caecal parameters of rats fed diets supplemented with inulin in exchange for sucrose. <i>Archives of Animal Nutrition</i> , 2007, 61, 201-210.	0.9	15
115	Effects of Excess Biotin Administration on the Growth and Urinary Excretion of Water-Soluble Vitamins in Young Rats. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 2977-2984.	0.6	21
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123	Calcium and 1,25-Dihydroxyvitamin D ₃ Regulation of Adipokine Expression. <i>Obesity</i> , 2007, 15, 340-348.	1.5	115
124	Nutritional value and physiological effects of soya-free diets fed to rats during growth and reproduction. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2007, 92, 070630083651001-???	1.0	9
125	Comparative safety testing of genetically modified foods in a 90-day rat feeding study design allowing the distinction between primary and secondary effects of the new genetic event. <i>Regulatory Toxicology and Pharmacology</i> , 2007, 49, 53-62.	1.3	23
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127	Specific activity of methionine sulfoxide reductase in CD-1 mice is significantly affected by dietary selenium but not zinc. <i>Biological Trace Element Research</i> , 2007, 115, 265-276.	1.9	8
128	Role of l-glutamine and glycine supplementation on irradiated colonic wall. <i>International Journal of Colorectal Disease</i> , 2007, 22, 1523-1529.	1.0	23

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129	Defensive Role of Quercetin Against Imbalances of Calcium, Sodium, and Potassium in Galactosemic Cataract. <i>Biological Trace Element Research</i> , 2007, 119, 35-41.	1.9	14
130	Bone and faecal minerals and scanning electron microscopic assessments of femur in rats fed phytic acid extract from sweet potato (<i>Ipomoea batatas</i>). <i>BioMetals</i> , 2008, 21, 133-141.	1.8	5
131	Obesity-related promotion of aberrant crypt foci in DMH-treated obese Zucker rats correlates with dyslipidemia rather than hyperinsulinemia. <i>European Journal of Nutrition</i> , 2008, 47, 161-170.	1.8	10
132	Dietary conjugated linoleic acid in the cis-9, trans-11 isoform reduces parathyroid hormone in male, but not female, rats. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 762-769.	1.9	10
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139	Laboratory diet profoundly alters gene expression and confounds genomic analysis in mouse liver and lung. <i>Chemico-Biological Interactions</i> , 2008, 173, 129-140.	1.7	78
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693	The Effect of Guava on the Improvement of Lipid Profile in Hypercholesterolemic Rats. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 276, 012054.	0.2	3

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695	Thiamine deficiency affects glucose transport and β -oxidation in rats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019, 103, 1629-1635.	1.0	9
696	Rice Porridge Containing Welsh Onion Root Water Extract Alleviates Osteoarthritis-Related Pain Behaviors, Glucose Levels, and Bone Metabolism in Osteoarthritis-Induced Ovariectomized Rats. <i>Nutrients</i> , 2019, 11, 1503.	1.7	19
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698	One-carbon metabolism supplementation improves outcome after stroke in aged male MTHFR-deficient mice. <i>Neurobiology of Disease</i> , 2019, 132, 104613.	2.1	19
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700	Docosahexaenoic acid varies in rat skeletal muscle membranes according to fibre type and provision of dietary fish oil. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 151, 37-44.	1.0	11
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703	Formulation of a Mixture of Plant Extracts for Attenuating Postprandial Glycemia and Diet-Induced Disorders in Rats. <i>Molecules</i> , 2019, 24, 3669.	1.7	1
704	Maternal selenium deficiency during pregnancy in mice increases thyroid hormone concentrations, alters placental function and reduces fetal growth. <i>Journal of Physiology</i> , 2019, 597, 5597-5617.	1.3	51
705	Postweaning Iron Deficiency in Male Rats Leads to Long-Term Hyperactivity and Decreased Reelin Gene Expression in the Nucleus Accumbens. <i>Journal of Nutrition</i> , 2019, 150, 212-221.	1.3	3
706	Improvement of vitamin B ₁₂ status with <i>Spirulina</i> supplementation in Wistar rats validated through functional and circulatory markers. <i>Journal of Food Biochemistry</i> , 2019, 43, e13038.	1.2	14
707	Circadian rhythm-dependent induction of hepatic lipogenic gene expression in rats fed a high-sucrose diet. <i>Journal of Biological Chemistry</i> , 2019, 294, 15206-15217.	1.6	18
708	The Paradox of Coenzyme Q10 in Aging. <i>Nutrients</i> , 2019, 11, 2221.	1.7	50
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710	Model of vitamin and mineral deficiency for toxicological research: Apoptosis activity under conditions of CCL4 intoxication. <i>Toxicology Reports</i> , 2019, 6, 151-154.	1.6	5
711	Continuous feeding of a combined high-fat and high-sucrose diet, rather than an individual high-fat or high-sucrose diet, rapidly enhances the glucagon-like peptide-1 secretory response to meal ingestion in diet-induced obese rats. <i>Nutrition</i> , 2019, 62, 122-130.	1.1	10

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716	Rat strain response differences upon exposure to technical or alpha hexabromocyclododecane. <i>Food and Chemical Toxicology</i> , 2019, 130, 284-307.	1.8	10
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718	Grape peel powder promotes intestinal barrier homeostasis in acute TNBS-colitis: A major role for dietary fiber and fiber-bound polyphenols. <i>Food Research International</i> , 2019, 123, 425-439.	2.9	59
719	Dietary docosahexaenoic acid contributes to increased bone mineral accretion and strength in young female Sprague-Dawley rats. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2019, 144, 32-39.	1.0	8
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724	Soybean germ oil reduces blood cholesterol by inhibiting cholesterol absorption and enhancing bile acid excretion. <i>Food and Function</i> , 2019, 10, 1836-1845.	2.1	24
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