Daniel D Gallaher

List of Publications by Year in descending order

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DANIEL D. CALLAHED

#	Article	IF	CITATIONS
1	Effects of dietary inulin on serum lipids, blood glucose and the gastrointestinal environment in hypercholesterolemic men. Nutrition Research, 2000, 20, 191-201.	2.9	215
2	Cholesterol Reduction by Glucomannan and Chitosan Is Mediated by Changes in Cholesterol Absorption and Bile Acid and Fat Excretion in Rats. Journal of Nutrition, 2000, 130, 2753-2759.	2.9	211
3	Effects of Lyophilized Black Raspberries on Azoxymethane-Induced Colon Cancer and 8-Hydroxy-2′-Deoxyguanosine Levels in the Fischer 344 Rat. Nutrition and Cancer, 2001, 40, 125-133.	2.0	190
4	The olfactory system of migratory adult sea lamprey (Petromyzon marinus) is specifically and acutely sensitive to unique bile acids released by conspecific larvae Journal of General Physiology, 1995, 105, 569-587.	1.9	177
5	Whole grain intake and cardiovascular disease: A review. Current Atherosclerosis Reports, 2004, 6, 415-423.	4.8	163
6	A Glucomannan and Chitosan Fiber Supplement Decreases Plasma Cholesterol and Increases Cholesterol Excretion in Overweight Normocholesterolemic Humans. Journal of the American College of Nutrition, 2002, 21, 428-433.	1.8	118
7	The Role of Probiotic Cultures in the Prevention of Colon Cancer. Journal of Nutrition, 2000, 130, 410S-414S.	2.9	114
8	The Effect of Synbiotics on Colon Carcinogenesis in Rats. Journal of Nutrition, 1999, 129, 1483S-1487S.	2.9	102
9	Consumption of prunes as a source of dietary fiber in men with mild hypercholesterolemia. American Journal of Clinical Nutrition, 1991, 53, 1259-1265.	4.7	101
10	Probiotics, Cecal Microflora, and Aberrant Crypts in the Rat Colon. Journal of Nutrition, 1996, 126, 1362-1371.	2.9	95
11	Relationships between Viscosity of Hydroxypropyl Methylcellulose and Plasma Cholesterol in Hamsters. Journal of Nutrition, 1993, 123, 1732-1738.	2.9	92
12	Title is missing!. Fish Physiology and Biochemistry, 2001, 24, 15-30.	2.3	77
13	Biliary Manganese Excretion in Conscious Rats Is Affected by Acute and Chronic Manganese Intake but Not by Dietary Fat. Journal of Nutrition, 1996, 126, 489-498.	2.9	76
14	Increased Intestinal Contents Viscosity Reduces Cholesterol Absorption Efficiency in Hamsters Fed Hydroxypropyl Methylcellulose. Journal of Nutrition, 1996, 126, 1463-1469.	2.9	72
15	Diabetes increases excretion of urinary malonaldehyde conjugates in rats. Lipids, 1993, 28, 663-666.	1.7	64
16	Influence of whole grain barley, whole grain wheat, and refined rice-based foods on short-term satiety and energy intake. Appetite, 2009, 53, 363-369.	3.7	63
17	Bioavailability in humans of zinc from beef: intrinsic vs extrinsic labels. American Journal of Clinical Nutrition, 1988, 48, 350-354.	4.7	60
18	Lipophilic aldehydes and related carbonyl compounds in rat and human urine. Lipids, 1999, 34, 489-496.	1.7	57

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19	High-Viscosity Dietary Fibers Reduce Adiposity and Decrease Hepatic Steatosis in Rats Fed a High-Fat Diet. Journal of Nutrition, 2014, 144, 1415-1422.	2.9	57
20	Effect of soluble and insoluble fiber on energy digestibility, nitrogen retention, and fiber digestibility of diets fed to gestating sows1. Journal of Animal Science, 2008, 86, 2568-2575.	0.5	56
21	Indication of the Maillard Reaction during Storage of Protein Isolates. Journal of Agricultural and Food Chemistry, 1998, 46, 2485-2489.	5.2	50
22	Effects of Indole-3-Carbinol and phenethyl isothiocyanate on colon carcinogenesis induced by azoxymethane in rats. Carcinogenesis, 2006, 27, 287-292.	2.8	50
23	An improved procedure for bile acid extraction and purification and tissue distribution in the rat. Lipids, 1989, 24, 221-223.	1.7	49
24	Effects of a Controlled Diet and Black Tea Drinking on the Fecal Microflora Composition and the Fecal Bile Acid Profile of Human Volunteers in a Double-Blinded Randomized Feeding Study. Journal of Nutrition, 2004, 134, 473-478.	2.9	48
25	Consumption of a high Î ² -glucan barley flour improves glucose control and fatty liver and increases muscle acylcarnitines in the Zucker diabetic fatty rat. European Journal of Nutrition, 2013, 52, 1743-1753.	3.9	48
26	Bile Acid Metabolism in Rats Fed Two Levels of Corn Oil and Brans of Oat, Rye and Barley and Sugar Beet Fiber , , ,. Journal of Nutrition, 1992, 122, 473-481.	2.9	47
27	The Role of Viscosity and Fermentability of Dietary Fibers on Satiety- and Adiposity-Related Hormones in Rats. Nutrients, 2013, 5, 2093-2113.	4.1	45
28	Isolation and Characterization of Hemicellulose and Cellulose from Sugar Beet Pulp. Journal of Food Science, 1988, 53, 826-829.	3.1	42
29	Vitamin E and probucol reduce urinary lipophilic aldehydes and renal enlargement in streptozotocinâ€induced diabetic rats. Lipids, 2000, 35, 1225-1237.	1.7	39
30	Viscous Dietary Fiber Reduces Adiposity and Plasma Leptin and Increases Muscle Expression of Fat Oxidation Genes in Rats. Obesity, 2012, 20, 349-355.	3.0	38
31	Development and Validation of a Spectrophotometric Method for Quantification of Total Glucosinolates in Cruciferous Vegetables. Journal of Agricultural and Food Chemistry, 2012, 60, 1358-1362.	5.2	37
32	Plant sterols alter bile acid metabolism and reduce cholesterol absorption in hamsters fed a beef-based diet. Nutrition Research, 2002, 22, 745-754.	2.9	32
33	Dried plums (prunes) reduce atherosclerosis lesion area in apolipoprotein E-deficient mice. British Journal of Nutrition, 2009, 101, 233-239.	2.3	31
34	Dietary Stearic Acid Reduces Plasma and Hepatic Cholesterol Concentrations without Increasing Bile Acid Excretion in Cholesterol-Fed Hamsters. Journal of Nutrition, 1997, 127, 1148-1155.	2.9	30
35	Carbohydrate source and bifidobacteria influence the growth of Clostridium perfringens in vivo and in vitro. Nutrition Research, 1998, 18, 1889-1897.	2.9	29
36	Dietary Stearic Acid Alters Gallbladder Bile Acid Composition in Hamsters Fed Cereal-Based Diets. Journal of Nutrition, 2002, 132, 3119-3122.	2.9	26

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37	Raising intestinal contents viscosity leads to greater excretion of neutral steroids but not bile acids in hamsters and rats. Nutrition Research, 2003, 23, 91-102.	2.9	26
38	Hydroxypropyl methylcellulose, a viscous soluble fiber, reduces insulin resistance and decreases fatty liver in Zucker Diabetic Fatty rats. Nutrition and Metabolism, 2012, 9, 100.	3.0	26
39	A Shift Toward a Plant-Centered Diet From Young to Middle Adulthood and Subsequent Risk of Type 2 Diabetes and Weight Gain: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. Diabetes Care, 2020, 43, 2796-2803.	8.6	25
40	Cruciferous Vegetables Reduce Morphological Markers of Colon Cancer Risk in Dimethylhydrazine-Treated Rats. Journal of Nutrition, 2008, 138, 526-532.	2.9	24
41	Antioxidant capacity and phytochemical content of 16 sources of corn distillers dried grains with solubles (DDGS). Animal Nutrition, 2018, 4, 435-441.	5.1	24
42	Influence of Cross-Linked Arabinoxylans on the Postprandial Blood Glucose Response in Rats. Journal of Agricultural and Food Chemistry, 2012, 60, 3847-3852.	5.2	23
43	Effect of Dried Plums on Colon Cancer Risk Factors in Rats. Nutrition and Cancer, 2005, 53, 117-125.	2.0	21
44	Effects of Corn Oil and Wheat Brans on Bile Acid Metabolism in Rats. Journal of Nutrition, 1990, 120, 1320-1330.	2.9	20
45	Intestinal Contents Supernatant Viscosity of Rats Fed Oat-Based Muffins and Cereal Products. Cereal Chemistry, 1999, 76, 21-24.	2.2	20
46	Reduction in Colon Cancer Risk by Consumption of Kava or Kava Fractions in Carcinogen-Treated Rats. Nutrition and Cancer, 2012, 64, 838-846.	2.0	19
47	Cow-level association between serum 25-hydroxyvitamin D concentration and Mycobacterium avium subspecies paratuberculosis antibody seropositivity: A pilot study. Journal of Dairy Science, 2013, 96, 1030-1037.	3.4	19
48	Comparative DNA adduct formation and induction of colonic aberrant crypt foci in mice exposed to 2â€aminoâ€9 <i>H</i> â€pyrido[2,3â€ <i>b</i>]indole, 2â€aminoâ€3,4â€dimethylimidazo[4,5â€ <i>f</i>]quinoline azoxymethane. Environmental and Molecular Mutagenesis, 2016, 57, 125-136.	e, auz d	19
49	The Effect of Anesthesia by Diethyl Ether or Isoflurane on Activity of Cytochrome P450 2E1 and P450 Reductases in Rat Liver. Anesthesia and Analgesia, 2005, 101, 1063-1064.	2.2	18
50	Whole grain consumption has a modest effect on the development of diabetes in the Goto–Kakisaki rat. British Journal of Nutrition, 2012, 107, 192-201.	2.3	18
51	Plant entered Diet and Risk of Incident Cardiovascular Disease During Young to Middle Adulthood. Journal of the American Heart Association, 2021, 10, e020718.	3.7	18
52	Low Zinc Concentration in Rat Uterine Fluid After 4 Days of Dietary Deficiency. Journal of Nutrition, 1980, 110, 591-593.	2.9	16
53	Dietary effects of distillers dried grains with solubles on performance and milk composition of lactating sows1. Journal of Animal Science, 2010, 88, 3313-3319.	0.5	16
54	Animal Models in Human Nutrition Research. Nutrition in Clinical Practice, 1992, 7, 37-39.	2.4	15

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55	The effect of dietary fiber type on glycated hemoglobin and renal hypertrophy in the adult diabetic rat. Nutrition Research, 1990, 10, 1311-1323.	2.9	14
56	Response of urinary lipophilic aldehydes and related carbonyl compounds to factors that stimulate lipid peroxidation <i>in vivo</i> . Lipids, 2000, 35, 855-862.	1.7	14
57	Apiaceous Vegetable Consumption Decreases PhIP-Induced DNA Adducts and Increases Methylated PhIP Metabolites in the Urine Metabolome in Rats. Journal of Nutrition, 2015, 145, 442-451.	2.9	12
58	Dietary Guar Gum Halts Further Renal Enlargement in Rats with Established Diabetes , ,. Journal of Nutrition, 1992, 122, 2391-2397.	2.9	11
59	Beef tallow, but not corn bran or soybean polysaccharide, reduces large intestinal and fecal bile acid concentrations in rats. Nutrition and Cancer, 1995, 23, 63-75.	2.0	10
60	Malonylglucoside Conjugates of Isoflavones Are Much Less Bioavailable Compared with Unconjugated Î ² -Glucosidic Forms in Rats. Journal of Nutrition, 2014, 144, 631-637.	2.9	10
61	Nonradiometric HPLC measurement of 13(S)-hydroxyoctadecadienoic acid from rat tissues. Analytical Biochemistry, 2003, 318, 47-51.	2.4	9
62	Pancreatitis Induced in Rats by Repetitive Administration of l-Arginine. Pancreas, 2009, 38, 344-345.	1.1	9
63	Apiaceous Vegetables and Cruciferous Phytochemicals Reduced PhIP-DNA Adducts in Prostate but Not in Pancreas of Wistar Rats. Journal of Medicinal Food, 2018, 21, 199-202.	1.5	8
64	A Plant-Centered Diet and Markers of Early Chronic Kidney Disease during Young to Middle Adulthood: Findings from the Coronary Artery Risk Development in Young Adults (CARDIA) Cohort. Journal of Nutrition, 2021, 151, 2721-2730.	2.9	8
65	Simple Nutrient-Based Rules vs. a Nutritionally Rich Plant-Centered Diet in Prediction of Future Coronary Heart Disease and Stroke: Prospective Observational Study in the US. Nutrients, 2022, 14, 469.	4.1	8
66	Zinc availability from beef served with various carbohydrates or beverages. Nutrition Research, 1990, 10, 155-162.	2.9	7
67	Wheat Color (Class), Not Refining, Influences Colon Cancer Risk in Rats. Nutrition and Cancer, 2014, 66, 849-856.	2.0	7
68	Apiaceous and Cruciferous Vegetables Fed During the Post-Initiation Stage Reduce Colon Cancer Risk Markers in Rats. Journal of Nutrition, 2019, 149, 249-257.	2.9	7
69	Conjugated Linoleic Acid,cis-9,trans-11, Is a Substrate for Pulmonary 15-Lipoxygenase-1 in Rat. Journal of Agricultural and Food Chemistry, 2005, 53, 7262-7266.	5.2	6
70	Wheat Type (Class) Influences Development and Regression of Colon Cancer Risk Markers in Rats. Nutrition and Cancer, 2015, 67, 1285-1294.	2.0	6
71	Polylactose Exhibits Prebiotic Activity and Reduces Adiposity and Nonalcoholic Fatty Liver Disease in Rats Fed a High-Fat Diet. Journal of Nutrition, 2021, 151, 352-360.	2.9	6
72	Phenethyl isothiocyanate and indoleâ€3â€carbinol from cruciferous vegetables, but not furanocoumarins from apiaceous vegetables, reduced PhIPâ€induced DNA adducts in Wistar rats. Molecular Nutrition and Food Research, 2016, 60, 1956-1966.	3.3	5

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73	Comparison of short- and long-term exposure effects of cruciferous and apiaceous vegetables on carcinogen metabolizing enzymes in Wistar rats. Food and Chemical Toxicology, 2017, 108, 194-202.	3.6	5
74	Beef Tallow Increases Apoptosis and Decreases Aberrant Crypt Foci Formation Relative to Soybean Oil in Rat Colon. Nutrition and Cancer, 2004, 50, 55-62.	2.0	4
75	Meat and Colorectal Cancer: Associations and Issues. Current Nutrition Reports, 2015, 4, 33-39.	4.3	4
76	Colon Cancer Risk of a Westernized Diet Is Reduced in Mice by Feeding Cruciferous or Apiaceous Vegetables at a Lower Dose of Carcinogen but Not a Higher Dose. Journal of Cancer Prevention, 2020, 25, 223-233.	2.0	4
77	Apiaceous vegetable intake modulates expression of DNA damage response genes and microRNA in the rat colon. Journal of Functional Foods, 2018, 45, 138-145.	3.4	3
78	Nutrition and Colon Cancer. , 2017, , 787-807.		2
79	Bioavailability of Different Sources of Protected Zinc. , 2002, , 293-297.		1
80	Nutrition and Colon Cancer. , 2013, , 697-715.		1
81	Hydroxypropyl methylcellulose, a viscous indigestible polysaccharide, reduces adiposity and lowers plasma leptin and resistin concentrations in rats. FASEB Journal, 2008, 22, 1090.2.	0.5	0
82	Whole grain consumption does not slow diabetic progression in GK rats. FASEB Journal, 2009, 23, 563.12.	0.5	0
83	Role of viscosity and fermentability of dietary fibers on satietyâ€related hormones in rats. FASEB Journal, 2009, 23, 101.5.	0.5	Ο
84	Viscous dietary fibers reduce visceral adiposity, lower oxidative stress and improve glucose control in ZDF rats. FASEB Journal, 2010, 24, 219.5.	0.5	0
85	The processing of wheat bran to release bound phenolic compounds improves insulin resistance and reduces visceral adiposity and liver cholesterol in ZDF rat. FASEB Journal, 2011, 25, .	0.5	Ο
86	Development and validation of a spectrophotometric method for simple quantification of total glucosinolates in cruciferous vegetables. FASEB Journal, 2011, 25, 979.22.	0.5	0
87	Viscous dietary fibers added to a high fat diet decrease adiposity, improve glucose control and alter fuel utilization in obese rats. FASEB Journal, 2012, 26, 112.4.	0.5	Ο
88	Modulation of the metabolism of the carcinogen PhIP in rats by cruciferous and apiaceous vegetables. FASEB Journal, 2012, 26, 376.5.	0.5	0
89	Viscous dietary fibers added to a high fat diet decrease fatty liver, reduce hepatic gene expression of gluconeogenic enzymes and improve metabolic flexibility in obese rats. FASEB Journal, 2013, 27, 636.29.	0.5	0
90	Abstract 2721: Induction of aberrant crypt foci in the colon of mice exposed to tobacco carcinogen		0

2-amino-9H-pyrido[2,3-b]indole., 2015, , .