Daniel D Gallaher

List of Publications by Year in Descending Order

88 papers	2,824 citations	31 h-index	51 g-index
91 ext. papers	3,033 ext. citations	3.6 avg, IF	4.83 L-index

#	Paper	IF	Citations
88	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	4.1	2
87	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	4.1	2
86	Plant-Centered Diet and Risk of Incident Cardiovascular Disease During Young to Middle Adulthood. *Journal of the American Heart Association*, **2021**, 10, e020718	6	3
85	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	3	2
84	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	14.6	6
83	Wheat **2019**, 19-43		
82	Apiaceous and Cruciferous Vegetables Fed During the Post-Initiation Stage Reduce Colon Cancer Risk Markers in Rats. *Journal of Nutrition*, **2019**, 149, 249-257	4.1	5
81	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	2.8	7
80	Antioxidant capacity and phytochemical content of 16 sources of corn distillers dried grains with solubles (DDGS). *Animal Nutrition*, **2018**, 4, 435-441	4.8	10
79	Apiaceous vegetable intake modulates expression of DNA damage response genes and microRNA in the rat colon. *Journal of Functional Foods*, **2018**, 45, 138-145	5.1	1
78	Nutrition and Colon Cancer **2017**, 787-807		2
77	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	4.7	4
76	Phenethyl isothiocyanate and indole-3-carbinol from cruciferous vegetables, but not furanocoumarins from apiaceous vegetables, reduced PhIP-induced DNA adducts in Wistar rats. *Molecular Nutrition and Food Research*, **2016**, 60, 1956-66	5.9	4
75	Comparative DNA adduct formation and induction of colonic aberrant crypt foci in mice exposed to 2-amino-9H-pyrido[2,3-b]indole, 2-amino-3,4-dimethylimidazo[4,5-f]quinoline, and azoxymethane. *Environmental and Molecular Mutagenesis*, **2016**, 57, 125-36	3.2	19
74	Wheat Type (Class) Influences Development and Regression of Colon Cancer Risk Markers in Rats. *Nutrition and Cancer*, **2015**, 67, 1283-92	2.8	5
73	Meat and Colorectal Cancer: Associations and Issues. *Current Nutrition Reports*, **2015**, 4, 33-39	6	3
72	Apiaceous vegetable consumption decreases PhIP-induced DNA adducts and increases methylated PhIP metabolites in the urine metabolome in rats. *Journal of Nutrition*, **2015**, 145, 442-51	4.1	10

71	High-viscosity dietary fibers reduce adiposity and decrease hepatic steatosis in rats fed a high-fat diet. *Journal of Nutrition*, **2014**, 144, 1415-22	4.1	46
70	Wheat color (class), not refining, influences colon cancer risk in rats. *Nutrition and Cancer*, **2014**, 66, 849-56	1.8	6
69	Malonylglucoside conjugates of isoflavones are much less bioavailable compared with unconjugated β-glucosidic forms in rats. *Journal of Nutrition*, **2014**, 144, 631-7	4.1	9
68	Nutrition and Colon Cancer **2013**, 697-715		1
67	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, 1030-7	4	16
66	Consumption of a high β-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, 1743-53	5.2	44
65	The role of viscosity and fermentability of dietary fibers on satiety- and adiposity-related hormones in rats. *Nutrients*, **2013**, 5, 2093-113	6.7	38
64	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	0.9	
63	Viscous dietary fiber reduces adiposity and plasma leptin and increases muscle expression of fat oxidation genes in rats. *Obesity*, **2012**, 20, 349-55	8	35
62	Influence of cross-linked arabinoxylans on the postprandial blood glucose response in rats. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 3847-52	5.7	18
61	Development and validation of a spectrophotometric method for quantification of total glucosinolates in cruciferous vegetables. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 1358-62	5.7	32
60	Hydroxypropyl methylcellulose, a viscous soluble fiber, reduces insulin resistance and decreases fatty liver in Zucker Diabetic Fatty rats. *Nutrition and Metabolism*, **2012**, 9, 100	4.6	18
59	Reduction in colon cancer risk by consumption of kava or kava fractions in carcinogen-treated rats. *Nutrition and Cancer*, **2012**, 64, 838-46	2.8	16
58	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	3.6	18
57	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	0.9	
56	Modulation of the metabolism of the carcinogen PhIP in rats by cruciferous and apiaceous vegetables. *FASEB Journal*, **2012**, 26, 376.5	0.9	
55	Development and validation of a spectrophotometric method for simple quantification of total glucosinolates in cruciferous vegetables. *FASEB Journal*, **2011**, 25, 979.22	0.9	
54	Dietary effects of distillers dried grains with solubles on performance and milk composition of lactating sows. *Journal of Animal Science*, **2010**, 88, 3313-9	0.7	12

53	Viscous dietary fibers reduce visceral adiposity, lower oxidative stress and improve glucose control in ZDF rats. *FASEB Journal*, **2010**, 24, 219.5	0.9	
52	Dried plums (prunes) reduce atherosclerosis lesion area in apolipoprotein E-deficient mice. *British Journal of Nutrition*, **2009**, 101, 233-9	3.6	26
51	Influence of whole grain barley, whole grain wheat, and refined rice-based foods on short-term satiety and energy intake. *Appetite*, **2009**, 53, 363-9	4.5	55
50	Pancreatitis induced in rats by repetitive administration of L-arginine. *Pancreas*, **2009**, 38, 344-5	2.6	6
49	Whole grain consumption does not slow diabetic progression in GK rats. *FASEB Journal*, **2009**, 23, 563.12	0.9	
48	Role of viscosity and fermentability of dietary fibers on satiety-related hormones in rats. *FASEB Journal*, **2009**, 23, 101.5	0.9	
47	Cruciferous vegetables reduce morphological markers of colon cancer risk in dimethylhydrazine-treated rats. *Journal of Nutrition*, **2008**, 138, 526-32	4.1	23
46	Effect of soluble and insoluble fiber on energy digestibility, nitrogen retention, and fiber digestibility of diets fed to gestating sows. *Journal of Animal Science*, **2008**, 86, 2568-75	0.7	47
45	Hydroxypropyl methylcellulose, a viscous indigestible polysaccharide, reduces adiposity and lowers plasma leptin and resistin concentrations in rats. *FASEB Journal*, **2008**, 22, 1090.2	0.9	
44	Effects of indole-3-carbinol and phenethyl isothiocyanate on colon carcinogenesis induced by azoxymethane in rats. *Carcinogenesis*, **2006**, 27, 287-92	4.6	43
43	Effect of dried plums on colon cancer risk factors in rats. *Nutrition and Cancer*, **2005**, 53, 117-25	2.8	19
42	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, 7262-6	5.7	5
41	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	3.9	16
40	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, 473-8	4.1	46
39	Beef tallow increases apoptosis and decreases aberrant crypt foci formation relative to soybean oil in rat colon. *Nutrition and Cancer*, **2004**, 50, 55-62	2.8	3
38	Whole grain intake and cardiovascular disease: a review. *Current Atherosclerosis Reports*, **2004**, 6, 415-23	6	145
37	Nonradiometric HPLC measurement of 13(S)-hydroxyoctadecadienoic acid from rat tissues. *Analytical Biochemistry*, **2003**, 318, 47-51	3.1	9
36	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	4	23

35	Bioavailability of Different Sources of Protected Zinc **2002**, 293-297		1
34	Dietary stearic acid alters gallbladder bile acid composition in hamsters fed cereal-based diets. *Journal of Nutrition*, **2002**, 132, 3119-22	4.1	21
33	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, 428-33	3.5	112
32	Plant sterols alter bile acid metabolism and reduce cholesterol absorption in hamsters fed a beef-based diet. *Nutrition Research*, **2002**, 22, 745-754	4	27
31	Larval sea lamprey release two unique bile acids** to the water at a rate sufficient to produce detectable riverine pheromone plumes. *Fish Physiology and Biochemistry*, **2001**, 24, 15-30	2.7	68
30	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, 125-33	2.8	173
29	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, 2753-9	4.1	181
28	Response of urinary lipophilic aldehydes and related carbonyl compounds to factors that stimulate lipid peroxidation in vivo. *Lipids*, **2000**, 35, 855-62	1.6	14
27	Vitamin E and probucol reduce urinary lipophilic aldehydes and renal enlargement in streptozotocin-induced diabetic rats. *Lipids*, **2000**, 35, 1225-37	1.6	34
26	The role of probiotic cultures in the prevention of colon cancer. *Journal of Nutrition*, **2000**, 130, 410S-414S	4.1	81
25	Effects of dietary inulin on serum lipids, blood glucose and the gastrointestinal environment in hypercholesterolemic men. *Nutrition Research*, **2000**, 20, 191-201	4	182
24	Lipophilic aldehydes and related carbonyl compounds in rat and human urine. *Lipids*, **1999**, 34, 489-96	1.6	54
23	The effect of synbiotics on colon carcinogenesis in rats. *Journal of Nutrition*, **1999**, 129, 1483S-7S	4.1	86
22	Intestinal Contents Supernatant Viscosity of Rats Fed Oat-Based Muffins and Cereal Products. *Cereal Chemistry*, **1999**, 76, 21-24	2.4	16
21	Carbohydrate source and bifidobacteria influence the growth of Clostridium perfringens in vivo and in vitro. *Nutrition Research*, **1998**, 18, 1889-1897	4	24
20	Indication of the Maillard Reaction during Storage of Protein Isolates. *Journal of Agricultural and Food Chemistry*, **1998**, 46, 2485-2489	5.7	46
19	Dietary stearic acid reduces plasma and hepatic cholesterol concentrations without increasing bile acid excretion in cholesterol-fed hamsters. *Journal of Nutrition*, **1997**, 127, 1148-55	4.1	25
18	Increased intestinal contents viscosity reduces cholesterol absorption efficiency in hamsters fed hydroxypropyl methylcellulose. *Journal of Nutrition*, **1996**, 126, 1463-9	4.1	60

17	Biliary manganese excretion in conscious rats is affected by acute and chronic manganese intake but not by dietary fat. *Journal of Nutrition*, **1996**, 126, 489-98	4.1	58
16	Probiotics, cecal microflora, and aberrant crypts in the rat colon. *Journal of Nutrition*, **1996**, 126, 1362-71	4.1	70
15	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, 569-87	3.4	158
14	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	2.8	9
13	Relationships between viscosity of hydroxypropyl methylcellulose and plasma cholesterol in hamsters. *Journal of Nutrition*, **1993**, 123, 1732-8	4.1	82
12	Diabetes increases excretion of urinary malonaldehyde conjugates in rats. *Lipids*, **1993**, 28, 663-6	1.6	59
11	Animal models in human nutrition research. *Nutrition in Clinical Practice*, **1992**, 7, 37-9	3.6	13
10	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, 473-81	4.1	34
9	Dietary guar gum halts further renal enlargement in rats with established diabetes. *Journal of Nutrition*, **1992**, 122, 2391-7	4.1	9
8	Consumption of prunes as a source of dietary fiber in men with mild hypercholesterolemia. *American Journal of Clinical Nutrition*, **1991**, 53, 1259-65	7	84
7	Effects of corn oil and wheat brans on bile acid metabolism in rats. *Journal of Nutrition*, **1990**, 120, 1320-30	4.1	18
6	The effect of dietary fiber type on glycated hemoglobin and renal hypertrophy in the adult diabetic rat. *Nutrition Research*, **1990**, 10, 1311-1323	4	14
5	Zinc availability from beef served with various carbohydrates or beverages. *Nutrition Research*, **1990**, 10, 155-162	4	6
4	An improved procedure for bile acid extraction and purification and tissue distribution in the rat. *Lipids*, **1989**, 24, 221-3	1.6	44
3	Isolation and Characterization of Hemicellulose and Cellulose from Sugar Beet Pulp. *Journal of Food Science*, **1988**, 53, 826-829	3.4	36
2	Bioavailability in humans of zinc from beef: intrinsic vs extrinsic labels. *American Journal of Clinical Nutrition*, **1988**, 48, 350-4	7	54
1	Low zinc concentration in rat uterine fluid after 4 days of dietary deficiency. *Journal of Nutrition*, **1980**, 110, 591-3	4.1	10