

# Daniel D Gallaher

## List of Publications by Year in descending order

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90  
papers

3,349  
citations

147786

31  
h-index

149686

56  
g-index

91  
all docs

91  
docs citations

91  
times ranked

3477  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of dietary inulin on serum lipids, blood glucose and the gastrointestinal environment in hypercholesterolemic men. <i>Nutrition Research</i> , 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. <i>Journal of Nutrition</i> , 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. <i>Nutrition and Cancer</i> , 2001, 40, 125-133.	2.0	190
4	The olfactory system of migratory adult sea lamprey ( <i>Petromyzon marinus</i> ) is specifically and acutely sensitive to unique bile acids released by conspecific larvae.. <i>Journal of General Physiology</i> , 1995, 105, 569-587.	1.9	177
5	Whole grain intake and cardiovascular disease: A review. <i>Current Atherosclerosis Reports</i> , 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. <i>Journal of the American College of Nutrition</i> , 2002, 21, 428-433.	1.8	118
7	The Role of Probiotic Cultures in the Prevention of Colon Cancer. <i>Journal of Nutrition</i> , 2000, 130, 410S-414S.	2.9	114
8	The Effect of Synbiotics on Colon Carcinogenesis in Rats. <i>Journal of Nutrition</i> , 1999, 129, 1483S-1487S.	2.9	102
9	Consumption of prunes as a source of dietary fiber in men with mild hypercholesterolemia. <i>American Journal of Clinical Nutrition</i> , 1991, 53, 1259-1265.	4.7	101
10	Probiotics, Cecal Microflora, and Aberrant Crypts in the Rat Colon. <i>Journal of Nutrition</i> , 1996, 126, 1362-1371.	2.9	95
11	Relationships between Viscosity of Hydroxypropyl Methylcellulose and Plasma Cholesterol in Hamsters. <i>Journal of Nutrition</i> , 1993, 123, 1732-1738.	2.9	92
12	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 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. <i>Journal of Nutrition</i> , 1996, 126, 489-498.	2.9	76
14	Increased Intestinal Contents Viscosity Reduces Cholesterol Absorption Efficiency in Hamsters Fed Hydroxypropyl Methylcellulose. <i>Journal of Nutrition</i> , 1996, 126, 1463-1469.	2.9	72
15	Diabetes increases excretion of urinary malonaldehyde conjugates in rats. <i>Lipids</i> , 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. <i>Appetite</i> , 2009, 53, 363-369.	3.7	63
17	Bioavailability in humans of zinc from beef: intrinsic vs extrinsic labels. <i>American Journal of Clinical Nutrition</i> , 1988, 48, 350-354.	4.7	60
18	Lipophilic aldehydes and related carbonyl compounds in rat and human urine. <i>Lipids</i> , 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. <i>Journal of Nutrition</i> , 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 sows. <i>Journal of Animal Science</i> , 2008, 86, 2568-2575.	0.5	56
21	Indication of the Maillard Reaction during Storage of Protein Isolates. <i>Journal of Agricultural and Food Chemistry</i> , 1998, 46, 2485-2489.	5.2	50
22	Effects of Indole-3-Carbinol and phenethyl isothiocyanate on colon carcinogenesis induced by azoxymethane in rats. <i>Carcinogenesis</i> , 2006, 27, 287-292.	2.8	50
23	An improved procedure for bile acid extraction and purification and tissue distribution in the rat. <i>Lipids</i> , 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. <i>Journal of Nutrition</i> , 2004, 134, 473-478.	2.9	48
25	Consumption of a high $\beta$ -glucan barley flour improves glucose control and fatty liver and increases muscle acylcarnitines in the Zucker diabetic fatty rat. <i>European Journal of Nutrition</i> , 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. <i>Journal of Nutrition</i> , 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. <i>Nutrients</i> , 2013, 5, 2093-2113.	4.1	45
28	Isolation and Characterization of Hemicellulose and Cellulose from Sugar Beet Pulp. <i>Journal of Food Science</i> , 1988, 53, 826-829.	3.1	42
29	Vitamin E and probucol reduce urinary lipophilic aldehydes and renal enlargement in streptozotocin-induced diabetic rats. <i>Lipids</i> , 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. <i>Obesity</i> , 2012, 20, 349-355.	3.0	38
31	Development and Validation of a Spectrophotometric Method for Quantification of Total Glucosinolates in Cruciferous Vegetables. <i>Journal of Agricultural and Food Chemistry</i> , 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. <i>Nutrition Research</i> , 2002, 22, 745-754.	2.9	32
33	Dried plums (prunes) reduce atherosclerosis lesion area in apolipoprotein E-deficient mice. <i>British Journal of Nutrition</i> , 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. <i>Journal of Nutrition</i> , 1997, 127, 1148-1155.	2.9	30
35	Carbohydrate source and bifidobacteria influence the growth of <i>Clostridium perfringens</i> in vivo and in vitro. <i>Nutrition Research</i> , 1998, 18, 1889-1897.	2.9	29
36	Dietary Stearic Acid Alters Gallbladder Bile Acid Composition in Hamsters Fed Cereal-Based Diets. <i>Journal of Nutrition</i> , 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. <i>Nutrition Research</i> , 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. <i>Nutrition and Metabolism</i> , 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. <i>Diabetes Care</i> , 2020, 43, 2796-2803.	8.6	25
40	Cruciferous Vegetables Reduce Morphological Markers of Colon Cancer Risk in Dimethylhydrazine-Treated Rats. <i>Journal of Nutrition</i> , 2008, 138, 526-532.	2.9	24
41	Antioxidant capacity and phytochemical content of 16 sources of corn distillers dried grains with solubles (DDGS). <i>Animal Nutrition</i> , 2018, 4, 435-441.	5.1	24
42	Influence of Cross-Linked Arabinoxylans on the Postprandial Blood Glucose Response in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3847-3852.	5.2	23
43	Effect of Dried Plums on Colon Cancer Risk Factors in Rats. <i>Nutrition and Cancer</i> , 2005, 53, 117-125.	2.0	21
44	Effects of Corn Oil and Wheat Brans on Bile Acid Metabolism in Rats. <i>Journal of Nutrition</i> , 1990, 120, 1320-1330.	2.9	20
45	Intestinal Contents Supernatant Viscosity of Rats Fed Oat-Based Muffins and Cereal Products. <i>Cereal Chemistry</i> , 1999, 76, 21-24.	2.2	20
46	Reduction in Colon Cancer Risk by Consumption of Kava or Kava Fractions in Carcinogen-Treated Rats. <i>Nutrition and Cancer</i> , 2012, 64, 838-846.	2.0	19
47	Cow-level association between serum 25-hydroxyvitamin D concentration and <i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> antibody seropositivity: A pilot study. <i>Journal of Dairy Science</i> , 2013, 96, 1030-1037.	3.4	19
48	Comparative DNA adduct formation and induction of colonic aberrant crypt foci in mice exposed to 2-aminopyrido[2,3-b]indole, 2-amino-3,4-dimethylimidazo[4,5-f]quinoline, and azoxymethane. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 125-136.	2.2	19
49	The Effect of Anesthesia by Diethyl Ether or Isoflurane on Activity of Cytochrome P450 2E1 and P450 Reductases in Rat Liver. <i>Anesthesia and Analgesia</i> , 2005, 101, 1063-1064.	2.2	18
50	Whole grain consumption has a modest effect on the development of diabetes in the Goto-Kakizaki rat. <i>British Journal of Nutrition</i> , 2012, 107, 192-201.	2.3	18
51	Plant-Centered Diet and Risk of Incident Cardiovascular Disease During Young to Middle Adulthood. <i>Journal of the American Heart Association</i> , 2021, 10, e020718.	3.7	18
52	Low Zinc Concentration in Rat Uterine Fluid After 4 Days of Dietary Deficiency. <i>Journal of Nutrition</i> , 1980, 110, 591-593.	2.9	16
53	Dietary effects of distillers dried grains with solubles on performance and milk composition of lactating sows. <i>Journal of Animal Science</i> , 2010, 88, 3313-3319.	0.5	16
54	Animal Models in Human Nutrition Research. <i>Nutrition in Clinical Practice</i> , 1992, 7, 37-39.	2.4	15

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55	The effect of dietary fiber type on glycosylated hemoglobin and renal hypertrophy in the adult diabetic rat. <i>Nutrition Research</i> , 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> . <i>Lipids</i> , 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. <i>Journal of Nutrition</i> , 2015, 145, 442-451.	2.9	12
58	Dietary Guar Gum Halts Further Renal Enlargement in Rats with Established Diabetes , ,. <i>Journal of Nutrition</i> , 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. <i>Nutrition and Cancer</i> , 1995, 23, 63-75.	2.0	10
60	Malonylglucoside Conjugates of Isoflavones Are Much Less Bioavailable Compared with Unconjugated $\beta$ -Glucosidic Forms in Rats. <i>Journal of Nutrition</i> , 2014, 144, 631-637.	2.9	10
61	Nonradiometric HPLC measurement of 13(S)-hydroxyoctadecadienoic acid from rat tissues. <i>Analytical Biochemistry</i> , 2003, 318, 47-51.	2.4	9
62	Pancreatitis Induced in Rats by Repetitive Administration of L-Arginine. <i>Pancreas</i> , 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. <i>Journal of Medicinal Food</i> , 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. <i>Journal of Nutrition</i> , 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. <i>Nutrients</i> , 2022, 14, 469.	4.1	8
66	Zinc availability from beef served with various carbohydrates or beverages. <i>Nutrition Research</i> , 1990, 10, 155-162.	2.9	7
67	Wheat Color (Class), Not Refining, Influences Colon Cancer Risk in Rats. <i>Nutrition and Cancer</i> , 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. <i>Journal of Nutrition</i> , 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. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 7262-7266.	5.2	6
70	Wheat Type (Class) Influences Development and Regression of Colon Cancer Risk Markers in Rats. <i>Nutrition and Cancer</i> , 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. <i>Journal of Nutrition</i> , 2021, 151, 352-360.	2.9	6
72	Phenethyl isothiocyanate and indole-3- $\beta$ -carbinol from cruciferous vegetables, but not furanocoumarins from apiaceous vegetables, reduced PhIP-induced DNA adducts in Wistar rats. <i>Molecular Nutrition and Food Research</i> , 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 satiety-related hormones in rats. FASEB Journal, 2009, 23, 101.5.	0.5	0
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	0
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	0
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 2-amino-9H-pyrido[2,3-b]indole. , 2015, , .		0