Gregory G Dolnikowski

List of Publications by Year
in descending order

110	6,497	53794 45	64796 79
papers	citations	h-index	g-index

111	111	111	8027
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Vitamin D and Vitamin K Concentrations in Human Brain Tissue Are Influenced by Freezer Storage Time: The Memory and Aging Project. Journal of Nutrition, 2021, 151, 104-108.	2.9	11
2	Oncogenic Integration of Nucleotide Metabolism via Fatty Acid Synthase in Non-Hodgkin Lymphoma. Frontiers in Oncology, 2021, 11, 725137.	2.8	7
3	Comparison of the Postprandial Metabolic Fate of U- ¹³ C Stearic Acid and U- ¹³ C Oleic Acid in Postmenopausal Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2953-2964.	2.4	4
4	Simplified method for the measurement of plasma alkylresorcinols: Biomarkers of wholeâ€grain intake. Rapid Communications in Mass Spectrometry, 2020, 34, e8805.	1.5	4
5	Determination of Vitamin D and Its Metabolites in Human Brain Using an Ultra-Pressure LCâ€“Tandem Mass Spectra Method. Current Developments in Nutrition, 2019, 3, nzz074.	0.3	19
6	Comparison of diets enriched in stearic, oleic, and palmitic acids on inflammation, immune response, cardiometabolic risk factors, and fecal bile acid concentrations in mildly hypercholesterolemic postmenopausal womenâ€"randomized crossover trial. American Journal of Clinical Nutrition, 2019, 110, 305-315.	4.7	44
7	Identification of FASN-Dependent Onco-Metabolic Regulation of the Pentose Phosphate Pathway (PPP) and Nucleotide Metabolism in Non-Hodgkin Lymphoma (NHL). Blood, 2019, 134, 1573-1573.	1.4	0
8	Differential Effects of Estrogen and Progestin on Apolipoprotein B100 and B48 Kinetics in Postmenopausal Women. Lipids, 2018, 53, 167-175.	1.7	7
9	Identification of methylated metabolites of oat avenanthramides in human plasma using UHPLC QToF-MS. International Journal of Food Sciences and Nutrition, 2018, 69, 377-383.	2.8	7
10	Curcumin and piperine supplementation of obese mice under caloric restriction modulates body fat and interleukin-1Î². Nutrition and Metabolism, 2018, 15, 12.	3.0	33
11	Hepatic DNA hydroxymethylation is site-specifically altered by chronic alcohol consumption and aging. European Journal of Nutrition, 2017, 56, 535-544.	3.9	9
12	Substituting whole grains for refined grains in a 6-wk randomized trial has a modest effect on gut microbiota and immune and inflammatory markers of healthy adults. American Journal of Clinical Nutrition, 2017, 105, 635-650.	4.7	203
13	Diminished anabolic signaling response to insulin induced by intramuscular lipid accumulation is associated with inflammation in aging but not obesity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R561-R569.	1.8	85
14	Distinct metabolism of apolipoproteins (a) and B-100 within plasma lipoprotein(a). Metabolism: Clinical and Experimental, 2016, 65, 381-390.	3.4	37
15	Plasma 12â€•and 15â€Hydroxyeicosanoids are Predictors of Survival in Pulmonary Arterial Hypertension. Pulmonary Circulation, 2016, 6, 224-233.	1.7	21
16	Dietary Fat Increases Vitamin D-3 Absorption. Journal of the Academy of Nutrition and Dietetics, 2015, 115, 225-230.	0.8	64
17	Rosuvastatin Enhances the Catabolism of LDL apoBâ€100 in Subjects with Combined Hyperlipidemia in a Dose Dependent Manner. Lipids, 2015, 50, 447-458.	1.7	6
18	Differential cellular uptake and metabolism of curcuminoids in monocytes/macrophages: regulatory effects on lipid accumulation. British Journal of Nutrition, 2014, 112, 8-14.	2.3	21

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19	Aging and Alcohol Interact to Alter Hepatic DNA Hydroxymethylation. Alcoholism: Clinical and Experimental Research, 2014, 38, 2178-2185.	2.4	25
20	Quantification of phylloquinone and menaquinones in feces, serum, and food by high-performance liquid chromatographyâ€“mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 963, 128-133.	2.3	71
21	Aging Alters Hepatic DNA Hydroxymethylation, as Measured by Liquid Chromatography/Mass Spectrometry. Journal of Cancer Prevention, 2014, 19, 301-308.	2.0	22
22	Differential cellular uptake and metabolism of curcuminoids in monocytes/macrophages: regulatory effects on lipid accumulation (1044.5). FASEB Journal, 2014, 28, 1044.5.	0.5	0
23	Linkage between C-reactive protein and triglyceride-rich lipoprotein metabolism. Metabolism: Clinical and Experimental, 2013, 62, 369-375.	3.4	6
24	Effects of atorvastatin on human C-reactive protein metabolism. Atherosclerosis, 2013, 226, 466-470.	0.8	9
25	Differences between Basal Lung Levels of Select Eicosanoids in Rat and Mouse. Pulmonary Circulation, 2013, 3, 82-88.	1.7	9
26	Effect of blueberry juice on clearance of buspirone and flurbiprofen in human volunteers. British Journal of Clinical Pharmacology, 2013, 75, 1041-1052.	2.4	14
27	Association between Subcutaneous White Adipose Tissue and Serum 25-Hydroxyvitamin D in Overweight and Obese Adults. Nutrients, 2013, 5, 3352-3366.	4.1	41
28	Aging alters global hepatic DNA hydroxymethylation in mice, as determined by a novel LC/MSâ€MS method. FASEB Journal, 2013, 27, 370.4.	0.5	0
29	Chronic alcohol consumption has greater impact on hepatic DNA hydroxymethylation in young mice relative to old. FASEB Journal, 2013, 27, 640.15.	0.5	0
30	Effects of CETP inhibition on triglyceride-rich lipoprotein composition and apoB-48 metabolism. Journal of Lipid Research, 2012, 53, 1190-1199.	4.2	13
31	Increased ceramide content and NFÎºB signaling may contribute to the attenuation of anabolic signaling after resistance exercise in aged males. Journal of Applied Physiology, 2012, 113, 1727-1736.	2.5	79
32	Determination of cranberry proanthocyanidin A2 in human plasma and urine using LCâ€MS/MS. FASEB Journal, 2012, 26, 124.8.	0.5	6
33	Enzymatic formation of apo-carotenoids from the xanthophyll carotenoids lutein, zeaxanthin and Î²-cryptoxanthin by ferret carotene-9â€²,10â€²-monooxygenase. Archives of Biochemistry and Biophysics, 2011, 506, 109-121.	3.0	123
34	Polyphenol content and antioxidant activity of California almonds depend on cultivar and harvest year. Food Chemistry, 2010, 122, 819-825.	8.2	106
35	Reply to MB Krawinkel. American Journal of Clinical Nutrition, 2009, 90, 696-697.	4.7	0
36	Quantification of Almond Skin Polyphenols by Liquid Chromatographyâ€Mass Spectrometry. Journal of Food Science, 2009, 74, C326-32.	3.1	43

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37	Measurement of Deuterium-Labeled Phylloquinone in Plasma by High-Performance Liquid Chromatography/Mass Spectrometry. Analytical Chemistry, 2009, 81, 5421-5425.	6.5	45
38	Golden Rice is an effective source of vitamin A. American Journal of Clinical Nutrition, 2009, 89, 1776-1783.	4.7	297
39	Harvest year and growing region but not processing affect flavonoid content and antioxidant capacity of California almond skins.. FASEB Journal, 2009, 23, 337.4.	0.5	0
40	Vitamin D3 in fat tissue. Endocrine, 2008, 33, 90-94.	2.3	322
41	Effects of the cholesteryl ester transfer protein inhibitor torcetrapib on VLDL apolipoprotein E metabolism. Journal of Lipid Research, 2008, 49, 543-549.	4.2	15
42	Extended-Release Niacin Alters the Metabolism of Plasma Apolipoprotein (Apo) A-I and ApoB-Containing Lipoproteins. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1672-1678.	2.4	137
43	Gender-Specific Differences in the Kinetics of Nonfasting TRL, IDL, and LDL Apolipoprotein B-100 in Men and Premenopausal Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1838-1843.	2.4	43
44	Effects of different doses of atorvastatin on human apolipoprotein B-100, B-48, and A-I metabolism. Journal of Lipid Research, 2007, 48, 1746-1753.	4.2	74
45	Asymmetric Cleavage of Î²-Carotene Yields a Transcriptional Repressor of Retinoid X Receptor and Peroxisome Proliferator-Activated Receptor Responses. Molecular Endocrinology, 2007, 21, 77-88.	3.7	121
46	Carotene-rich plant foods ingested with minimal dietary fat enhance the total-body vitamin A pool size in Filipino schoolchildren as assessed by stable-isotope-dilution methodology. American Journal of Clinical Nutrition, 2007, 85, 1041-1049.	4.7	79
47	Retinaldehyde represses adipogenesis and diet-induced obesity. Nature Medicine, 2007, 13, 695-702.	30.7	346
48	Determination of Flavonoids and Phenolics and Their Distribution in Almonds. Journal of Agricultural and Food Chemistry, 2006, 54, 5027-5033.	5.2	224
49	Rat Gastrointestinal Tissues Metabolize Quercetin ,. Journal of Nutrition, 2006, 136, 39-44.	2.9	104
50	Effects of the Cholesteryl Ester Transfer Protein Inhibitor Torcetrapib on Apolipoprotein B100 Metabolism in Humans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1350-1356.	2.4	68
51	Role of the Estrogen and Progestin in Hormonal Replacement Therapy on Apolipoprotein A-I Kinetics in Postmenopausal Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 385-391.	2.4	34
52	Body Water in Children During Recovery from Severe Burn Injury Using a Combined Tracer Dilution Method. Journal of Burn Care and Research, 2005, 26, 67-74.	1.6	6
53	Stable isotopes in obesity research. Mass Spectrometry Reviews, 2005, 24, 311-327.	5.4	11
54	Bioavailability of synthetic and biosynthetic deuterated lycopene in humans. Journal of Nutritional Biochemistry, 2005, 16, 229-235.	4.2	45

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55	Spinach or carrots can supply significant amounts of vitamin A as assessed by feeding with intrinsically deuterated vegetables. American Journal of Clinical Nutrition, 2005, 82, 821-828.	4.7	104
56	TRL, IDL, and LDL Apolipoprotein B-100 and HDL Apolipoprotein A-I Kinetics as a Function of Age and Menopausal Status. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1691-1696.	2.4	37
57	The metabolism of apolipoproteins (a) and B-100 within plasma lipoprotein (a) in human beings. Metabolism: Clinical and Experimental, 2005, 54, 361-369.	3.4	60
58	Structure Determination of Partially Deuterated Carotenoids from Intrinsically Labeled Vegetables by HPLC-MS and1H NMR. Journal of Agricultural and Food Chemistry, 2005, 53, 671-677.	5.2	37
59	Dietary vitamin A intakes of Filipino elders with adequate or low liver vitamin A concentrations as assessed by the deuterated-retinol-dilution method: implications for dietary requirements. American Journal of Clinical Nutrition, 2004, 79, 633-641.	4.7	26
60	Use of the deuterated-retinol-dilution technique to monitor the vitamin A status of Nicaraguan schoolchildren 1 y after initiation of the Nicaraguan national program of sugar fortification with vitamin A. American Journal of Clinical Nutrition, 2004, 80, 1291-1298.	4.7	48
61	Interrelationships Between Human Apolipoprotein A-I and Apolipoproteins B-48 and B-100 Kinetics Using Stable Isotopes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1703-1707.	2.4	41
62	Dietary Hydrogenated Fat Increases High-Density Lipoprotein apoA-I Catabolism and Decreases Low-Density Lipoprotein apoB-100 Catabolism in Hypercholesterolemic Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1092-1097.	2.4	105
63	Plasma transport of vitamin K in men using deuterium-labeled collard greens. Metabolism: Clinical and Experimental, 2004, 53, 215-221.	3.4	49
64	Lipoprotein metabolism in subjects with hepatic lipase deficiency. Metabolism: Clinical and Experimental, 2004, 53, 520-525.	3.4	15
65	Apolipoprotein A-I, B-100, and B-48 metabolism in subjects with chronic kidney disease, obesity, and the metabolic syndrome. Metabolism: Clinical and Experimental, 2004, 53, 1255-1261.	3.4	62
66	Energy Expenditure Is Very High in Extremely Obese Women. Journal of Nutrition, 2004, 134, 1412-1416.	2.9	49
67	Bioavailability of lutein in humans from intrinsically labeled vegetables determined by LC-APCI-MS11Financial Support: NATO Collaborative Linkage Grant â€œDetermination of Carotenoid Biometabolites Using Advanced HPLC, NMR and MSâ€•(No. 978601), the USDA-CSREES-NRI (99-35200-7564), and USDA ARS Nos. 581950-9-001 and 58-6250-6-001. Any opinions, findings, conclusion, or recommendations expressed in this publication are those of the author(s) and do not necessarily reflect the view of the US Dept. of Agriculture. Journal of Nutritional Biochemistry, 2003, 14, 658-670.	4.2	54
68	Short-term (intestinal) and long-term (postintestinal) conversion of Î²-carotene to retinol in adults as assessed by a stable-isotope reference method. American Journal of Clinical Nutrition, 2003, 78, 259-266.	4.7	91
69	Quantitative assessment of total body stores of vitamin A in adults with the use of a 3-d deuterated-retinol-dilution procedure. American Journal of Clinical Nutrition, 2003, 77, 694-699.	4.7	29
70	Biochemical and Molecular Aberrations in the Rat Colon Due to Folate Depletion Are Age-Specific. Journal of Nutrition, 2003, 133, 1206-1212.	2.9	64
71	A common mutation in the 5,10-methylenetetrahydrofolate reductase gene affects genomic DNA methylation through an interaction with folate status. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5606-5611.	7.1	847
72	A Method to Assess Genomic DNA Methylation Using High-Performance Liquid Chromatography/Electrospray Ionization Mass Spectrometry. Analytical Chemistry, 2002, 74, 4526-4531.	6.5	216

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73	HPLC and GC/MS determination of deuterated vitamin K (phylloquinone) in human serum after ingestion of deuterium-labeled broccoli. Journal of Nutritional Biochemistry, 2002, 13, 168-174.	4.2	55
74	Energy requirements of urban Chinese adults with manual or sedentary occupations, determined using the doubly labeled water method. European Journal of Clinical Nutrition, 2002, 56, 575-584.	2.9	23
75	Human triglyceride-rich lipoprotein apo E kinetics and its relationship to LDL apo B-100 metabolism. Atherosclerosis, 2001, 155, 477-485.	0.8	13
76	Human apolipoprotein A-IV metabolism within triglyceride-rich lipoproteins and plasma. Atherosclerosis, 2001, 156, 363-372.	0.8	10
77	Cholesterol and apolipoprotein B metabolism in Tangier disease. Atherosclerosis, 2001, 159, 231-236.	0.8	48
78	Effects of a National Cholesterol Education Program Step II Diet on apolipoprotein A-IV metabolism within triacylglycerol-rich lipoproteins and plasma. American Journal of Clinical Nutrition, 2001, 74, 308-314.	4.7	18
79	Streamlined F2-Isoprostane Analysis in Plasma and Urine with High-Performance Liquid Chromatography and Gas Chromatography/Mass Spectroscopy. Analytical Biochemistry, 2000, 280, 73-79.	2.4	69
80	Relative reactivity of lysine and other peptide-bound amino acids to oxidation by hypochlorite. Free Radical Biology and Medicine, 2000, 29, 425-433.	2.9	53
81	Vitamin A equivalence of Î²-carotene in a Woman as determined by a stable isotope reference method. European Journal of Nutrition, 2000, 39, 7-11.	3.9	53
82	Apolipoprotein A-I and A-II Kinetic Parameters as Assessed by Endogenous Labeling With [² H ₃]Leucine in Middle-Aged and Elderly Men and Women. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 801-806.	2.4	28
83	Effects of ApoE Genotype on ApoB-48 and ApoB-100 Kinetics With Stable Isotopes in Humans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1807-1810.	2.4	48
84	Green and yellow vegetables can maintain body stores of vitamin A in Chinese children. American Journal of Clinical Nutrition, 1999, 70, 1069-1076.	4.7	107
85	Dietary Restriction of Saturated Fat and Cholesterol Decreases HDL ApoA-I Secretion. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 918-924.	2.4	58
86	Human Apolipoprotein (Apo) B-48 and ApoB-100 Kinetics With Stable Isotopes. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2966-2974.	2.4	98
87	Human apolipoprotein A-I kinetics within triglyceride-rich lipoproteins and high density lipoproteins. Journal of Lipid Research, 1999, 40, 1695-1700.	4.2	19
88	Formation of Carbonyls during Attack on Insulin by Submolar Amounts of Hypochlorite. Analytical Biochemistry, 1998, 258, 339-348.	2.4	15
89	Deuterium enrichment of retinol in humans determined by gas chromatography electron capture negative chemical ionization mass spectrometry. Journal of Nutritional Biochemistry, 1998, 9, 408-414.	4.2	40
90	Nutritional Alterations and the Effect of Fish Oil Supplementation in Dogs with Heart Failure. Journal of Veterinary Internal Medicine, 1998, 12, 440-448.	1.6	118

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91	Proposal of a multicompartmental model for use in the study of apolipoprotein E metabolism. Metabolism: Clinical and Experimental, 1998, 47, 922-928.	3.4	12
92	[13] Atmospheric pressure chemical ionization and electron capture negative chemical ionization mass spectrometry in studying Î²-carotene conversion to retinol in humans. Methods in Enzymology, 1997, 282, 140-154.	1.0	27
93	Lovastatin Decreases De Novo Cholesterol Synthesis and LDL Apo B-100 Production Rates in Combined-Hyperlipidemic Males. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 1910-1917.	2.4	57
94	Subjects With ApoA-I(Lys ₁₀₇ â†'0) Exhibit Enhanced Fractional Catabolic Rate of ApoA-I in Lp(AI) and ApoA-II in Lp(AI With AII). Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 873-880.	2.4	28
95	Decreased Production and Increased Catabolism of Apolipoprotein B-100 in Apolipoprotein B-67/B-100 Heterozygotes. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 881-888.	2.4	36
96	Conversion of Vitamin K1to 2â€˜,3â€˜-Dihydrovitamin K1during the Hydrogenation of Vegetable Oils. Journal of Agricultural and Food Chemistry, 1996, 44, 980-983.	5.2	45
97	Protein metabolism in rheumatoid arthritis and aging. Effects of muscle strength training and tumor necrosis factor Î±. Arthritis and Rheumatism, 1996, 39, 1115-1124.	6.7	99
98	A New Sample Preparation Method for Isotope Ratio Mass Spectrometry of ²Hâ€Enriched Samples Generated by the Doubly Labeled Water Method. Obesity, 1995, 3, 73-74.	4.0	5
99	Serum carotenoids and retinoids in ferrets fed canthaxanthin. Journal of Nutritional Biochemistry, 1993, 4, 58-63.	4.2	54
100	Intestinal perfusion of Î² -carotene in the ferret raises retinoic acid level in portal blood. Lipids and Lipid Metabolism, 1993, 1167, 159-164.	2.6	52
101	Isomer differentiation by charge inversion tandem mass spectrometry: an investigation into the structure of the ionic products from an SN(ANRORC) reaction. Journal of the American Society for Mass Spectrometry, 1992, 3, 467-470.	2.8	2
102	Isomer differentiation in 7, 12-dimethylbenz[a]anthracene-pyridine adducts by fast atom bombardment tandem mass spectrometry. Journal of the American Society for Mass Spectrometry, 1991, 2, 256-258.	2.8	13
103	A study of the gas-phase reaction between protonated acetaldehyde and methanol. Journal of the American Society for Mass Spectrometry, 1990, 1, 481-488.	2.8	8
104	Hydroxylation of selected hydrocarbon ions on reaction with methanol in the gas phase. Organic Mass Spectrometry, 1990, 25, 119-123.	1.3	9
105	[2] Mass analyzers. Methods in Enzymology, 1990, , 37-61.	1.0	24
106	Ion-trapping technique for ion/molecule reaction studies in the center quadrupole of a triple quadrupole mass spectrometer. International Journal of Mass Spectrometry and Ion Processes, 1988, 82, 1-15.	1.8	54
107	Hydrogen radical/molecule reactions in the negative ion mass spectrometry of dicyano-methane derivatives of 9-fluorenone and benzophenone. Organic Mass Spectrometry, 1986, 21, 329-334.	1.3	19
108	Direct determination of metals in archeological artifacts by fast atom bombardment mass spectrometry. Analytical Chemistry, 1984, 56, 197-201.	6.5	7

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109	Reaction of 2-halo-5-nitropyridines with hydroxide ion in dimethyl sulfoxide. Journal of Organic Chemistry, 1980, 45, 3097-3100.	3.2	18
110	Chapter 2. Mass Spectrometry for Food Analysis: The Example of Fat Soluble Vitamins A and K. RSC Food Analysis Monographs, 0, , 51-58.	0.2	1