Barbara A Fielding

List of Publications by Year
in descending order

53	2,525	236833	197736
papers	citations	25 h-index	49 g-index

56	56	56	3540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dose Dependent Effects of Fructose and Glucose on de novo Palmitate and Glycerol Synthesis in an Enterocyte Cell Model. Molecular Nutrition and Food Research, 2022, 66, e2100456.	1.5	2
2	Demystifying Dietary Sugars. , 2022, , 319-328.		1
3	The SGLT2 Inhibitor Dapagliflozin Increases the Oxidation of Ingested Fatty Acids to Ketones in Type 2 Diabetes. Diabetes Care, 2022, 45, 1408-1415.	4.3	8
4	The [<scp>¹³C</scp>]octanoic acid breath test for gastric emptying quantification: A focus on nutrition and modeling. Lipids, 2022, 57, 205-219.	0.7	2
5	Resistant Starch Production and Glucose Release from Preâ€Prepared Chilled Food: The SPUD Project. Nutrition Bulletin, 2021, 46, 52-59.	0.8	6
6	The cumulative effects of chilling and reheating a carbohydrate-based pasta meal on the postprandial glycaemic response: a pilot study. European Journal of Clinical Nutrition, 2021, 75, 570-572.	1.3	6
7	Editorial: Foods and Macronutrients in NAFLD: Associations, Effects and Mechanisms. Frontiers in Nutrition, 2021, 8, 665436.	1.6	0
8	The Partitioning of Newly Assimilated Linoleic and Î±-Linolenic Acids Between Synthesis of Longer-Chain Polyunsaturated Fatty Acids and Hydroxyoctadecaenoic Acids Is a Putative Branch Point in T-Cell Essential Fatty Acid Metabolism. Frontiers in Immunology, 2021, 12, 740749.	2.2	8
9	Transcriptomic analysis of human primary breast cancer identifies fatty acid oxidation as a target for metformin. British Journal of Cancer, 2020, 122, 258-265.	2.9	28
10	Editorial on writing reviews for the British Journal of Nutrition. British Journal of Nutrition, 2020, 123, 961-963.	1.2	0
11	The Effect of Fructose Feeding on Intestinal Triacylglycerol Production and De Novo Fatty Acid Synthesis in Humans. Nutrients, 2020, 12, 1781.	1.7	10
12	Foam Cells Control Mycobacterium tuberculosis Infection. Frontiers in Microbiology, 2020, 11, 1394.	1.5	28
13	How does polyunsaturated fatty acid biosynthesis regulate Tâ€lymphocyte function?. Nutrition Bulletin, 2019, 44, 350-355.	0.8	2
14	Lixisenatide Reduces Chylomicron Triacylglycerol by Increased Clearance. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 359-368.	1.8	19
15	Fasting hepatic de novo lipogenesis is not reliably assessed using circulating fatty acid markers. American Journal of Clinical Nutrition, 2019, 109, 260-268.	2.2	21
16	Starchy Carbohydrates in a Healthy Diet: The Role of the Humble Potato. Nutrients, 2018, 10, 1764.	1.7	61
17	Evaluation of the nutrient content of yogurts: a comprehensive survey of yogurt products in the major UK supermarkets. BMJ Open, 2018, 8, e021387.	0.8	50
18	Polyunsaturated Fatty Acid Biosynthesis Involving Î”8 Desaturation and Differential DNA Methylation of FADS2 Regulates Proliferation of Human Peripheral Blood Mononuclear Cells. Frontiers in Immunology, 2018, 9, 432.	2.2	20

#	Article	IF	Citations
19	Impact of liver fat on the differential partitioning of hepatic triacylglycerol into VLDL subclasses on high and low sugar diets. Clinical Science, 2017, 131, 2561-2573.	1.8	31
20	Role of the Enterocyte in Fructose-Induced Hypertriglyceridaemia. Nutrients, 2017, 9, 349.	1.7	21
21	Triglycerideâ€rich lipoprotein metabolism in women: roles of apoCâ€<scp>II</scp> and apoCâ€<scp>III</scp>. European Journal of Clinical Investigation, 2016, 46, 730-736.	1.7	9
22	Intracerebroventricular Catalase Reduces Hepatic Insulin Sensitivity and Increases Responses to Hypoglycemia in Rats. Endocrinology, 2016, 157, 4669-4676.	1.4	5
23	Sugar and metabolic health. Current Opinion in Clinical Nutrition and Metabolic Care, 2016, 19, 303-309.	1.3	26
24	Evaluation of fatty acid status in children of different nationalities. Proceedings of the Nutrition Society, 2015, 74, .	0.4	0
25	Polyunsaturated fatty acid biosynthesis is involved in phenylephrine-mediated calcium release in vascular smooth muscle cells. Prostaglandins Leukotrienes and Essential Fatty Acids, 2015, 101, 31-39.	1.0	6
26	LRP5 Regulates Human Body Fat Distribution by Modulating Adipose Progenitor Biology in a Dose- and Depot-Specific Fashion. Cell Metabolism, 2015, 21, 262-273.	7.2	87
27	Menopausal Status and Abdominal Obesity Are Significant Determinants of Hepatic Lipid Metabolism in Women. Journal of the American Heart Association, 2015, 4, e002258.	1.6	44
28	The Role of Dietary Sugars and De novo Lipogenesis in Non-Alcoholic Fatty Liver Disease. Nutrients, 2014, 6, 5679-5703.	1.7	113
29	Lower resting and total energy expenditure in postmenopausal compared with premenopausal women matched for abdominal obesity. Journal of Nutritional Science, 2014, 3, e3.	0.7	44
30	Fatty Acid-binding Protein 4, a Point of Convergence for Angiogenic and Metabolic Signaling Pathways in Endothelial Cells. Journal of Biological Chemistry, 2014, 289, 23168-23176.	1.6	75
31	Exercise Prevents Fructose-Induced Hypertriglyceridemia in Healthy Young Subjects. Diabetes, 2013, 62, 2259-2265.	0.3	89
32	Effects of supplementation with essential amino acids on intrahepatic lipid concentrations during fructose overfeeding in humans. American Journal of Clinical Nutrition, 2012, 96, 1008-1016.	2.2	65
33	Individuals with moderately raised liver fat show a greater increase in liver fat in response to a high sugar diet. Proceedings of the Nutrition Society, 2012, 71, .	0.4	1
34	Exercise Prevents Fructoseâ€Induced Hypertriglyceridemia in Healthy Young Males. FASEB Journal, 2012, 26, 1032.2.	0.2	0
35	Downregulation of Adipose Tissue Fatty Acid Trafficking in Obesity. Diabetes, 2011, 60, 47-55.	0.3	397
36	A large waist circumference is associated with higher liver fat in healthy pre-menopausal women in the absence of classical biochemical risk factors for CVD. Proceedings of the Nutrition Society, 2011, 70, .	0.4	0

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37	Tracing the fate of dietary fatty acids: metabolic studies of postprandial lipaemia in human subjects. Proceedings of the Nutrition Society, 2011, 70, 342-350.	0.4	57
38	Young women partition fatty acids towards ketone body production rather than VLDL-TAG synthesis, compared with young men. British Journal of Nutrition, 2011, 105, 857-865.	1.2	57
39	Trafficking and partitioning of fatty acids: the transition from fasted to fed state. Clinical Lipidology, 2010, 5, 131-144.	0.4	21
40	Optimization of N -methyl-N -[tert -butyldimethylsilyl]trifluoroacetamide as a derivatization agent for determining isotopic enrichment of glycerol in very-low density lipoproteins. Rapid Communications in Mass Spectrometry, 2010, 24, 586-592.	0.7	10
41	Mechanisms for the acute effect of fructose on postprandial lipemia. American Journal of Clinical Nutrition, 2007, 85, 1511-1520.	2.2	291
42	The Contribution of Splanchnic Fat to VLDL Triglyceride Is Greater in Insulin-Resistant Than Insulin-Sensitive Men and Women. Diabetes, 2007, 56, 2433-2441.	0.3	92
43	Measurement of apolipoprotein B-48 in the Svedberg flotation rate (Sf)›400, Sf 60â€“400 and Sf 20â€“60 lipoprotein fractions reveals novel findings with respect to the effects of dietary fatty acids on triacylglycerol-rich lipoproteins in postmenopausal women. Clinical Science, 2002, 103, 227-237.	1.8	29
44	Second meal effect: modified sham feeding does not provoke the release of stored triacylglycerol from a previous high-fat meal. British Journal of Nutrition, 2001, 85, 149-156.	1.2	33
45	Prolonged effects of modified sham feeding on energy substrate mobilization. American Journal of Clinical Nutrition, 2001, 73, 111-117.	2.2	48
46	Ethanol with a mixed meal increases postprandial triacylglycerol but decreases postprandial non-esterified fatty acid concentrations. British Journal of Nutrition, 2000, 83, 597-604.	1.2	51
47	Metabolism of individual fatty acids during infusion of a triacylglycerol emulsion. Lipids, 1999, 34, 535-541.	0.7	5
48	Lipoprotein lipase and the disposition of dietary fatty acids. British Journal of Nutrition, 1998, 80, 495-502.	1.2	191
49	Rapid chylomicron appearance following sequential meals: effects of second meal composition. British Journal of Nutrition, 1998, 79, 425-429.	1.2	60
50	The effect of triacylglycerol-fatty acid positional distribution on postprandial metabolism in subcutaneous adipose tissue. British Journal of Nutrition, 1998, 79, 141-147.	1.2	37
51	Regulation of the plasma non-esterified fatty acid concentration in the postprandial state. Proceedings of the Nutrition Society, 1997, 56, 713-721.	0.4	47
52	Postprandial lipemia: the origin of an early peak studied by specific dietary fatty acid intake during sequential meals. American Journal of Clinical Nutrition, 1996, 63, 36-41.	2.2	199
53	Plasma mono-, di- and triacylglycerol measurements in a study of fat uptake by human adipose tissue in vivo. Biochemical Society Transactions, 1995, 23, 487S-487S.	1.6	7