Sarah Berry

List of Publications by Year in Descending Order

55 papers	1,471 citations	22 h-index	37 g-index
61 ext. papers	2,211 ext. citations	7.6 avg, IF	4.78 L-index

#	Paper	IF	Citations
55	Incremental Value of a Panel of Serum Metabolites for Predicting Risk of Atherosclerotic Cardiovascular Disease.. *Journal of the American Heart Association*, **2022**, 11, e024590	6	
54	Impact of insufficient sleep on dysregulated blood glucose control under standardised meal conditions. *Diabetologia*, **2021**, 1	10.3	2
53	PCSK9 Activity Is Potentiated Through HDL Binding. *Circulation Research*, **2021**, 129, 1039-1053	15.7	0
52	Differential associations between diet quality scores and markers of cardiovascular health in women: cross-sectional analyses from TwinsUK. *British Journal of Nutrition*, **2021**, 126, 1017-1027	3.6	1
51	Palmitic acid-rich oils with and without interesterification lower postprandial lipemia and increase atherogenic lipoproteins compared with a MUFA-rich oil: A randomized controlled trial. *American Journal of Clinical Nutrition*, **2021**, 113, 1221-1231	7	0
50	Blue poo: impact of gut transit time on the gut microbiome using a novel marker. *Gut*, **2021**, 70, 1665-1674	19.2	23
49	Postprandial glycaemic dips predict appetite and energy intake in healthy individuals. *Nature Metabolism*, **2021**, 3, 523-529	14.6	12
48	Modest effects of dietary supplements during the COVID-19 pandemic: insights from 445 850 users of the COVID-19 Symptom Study app. *BMJ Nutrition, Prevention and Health*, **2021**, 4, 149-157	6.7	30
47	The impact of replacing wheat flour with cellular legume powder on starch bioaccessibility, glycaemic response and bread roll quality: A double-blind randomised controlled trial in healthy participants. *Food Hydrocolloids*, **2021**, 114, 106565	10.6	12
46	Gut microbiome diversity and composition is associated with hypertension in women. *Journal of Hypertension*, **2021**, 39, 1810-1816	1.9	5
45	Meal-induced inflammation: postprandial insights from the Personalised REsponses to DIetary Composition Trial (PREDICT) study in 1000 participants. *American Journal of Clinical Nutrition*, **2021**, 114, 1028-1038	7	6
44	Whole almond consumption is associated with better diet quality and cardiovascular disease risk factors in the UK adult population: National Diet and Nutrition Survey (NDNS) 2008-2017. *European Journal of Nutrition*, **2021**, 60, 643-654	5.2	7
43	High intake of vegetables is linked to lower white blood cell profile and the effect is mediated by the gut microbiome. *BMC Medicine*, **2021**, 19, 37	11.4	12
42	Diet quality and risk and severity of COVID-19: a prospective cohort study. *Gut*, **2021**, 70, 2096-2104	19.2	30
41	Microbiome connections with host metabolism and habitual diet from 1,098 deeply phenotyped individuals. *Nature Medicine*, **2021**, 27, 321-332	50.5	124
40	Diet and lifestyle behaviour disruption related to the pandemic was varied and bidirectional among US and UK adults participating in the ZOE COVID Study. *Nature Food*, **2021**, 2, 957-969	14.4	2
39	Snacking on whole almonds for 6 weeks improves endothelial function and lowers LDL cholesterol but does not affect liver fat and other cardiometabolic risk factors in healthy adults: the ATTIS study, a randomized controlled trial. *American Journal of Clinical Nutrition*, **2020**, 111, 1178-1189	7	11

38	Human postprandial responses to food and potential for precision nutrition. *Nature Medicine*, **2020**, 26, 964-973	50.5	153
37	Postprandial lipemia and CVD; does the magnitude, peak concentration or duration impact intermediary cardiometabolic risk factors differentially? PREDICT I Study.. *Proceedings of the Nutrition Society*, **2020**, 79,	2.9	1
36	Snacking on Whole Almonds for Six Weeks Increases Heart Rate Variability during Mental Stress in Healthy Adults: A Randomized Controlled Trial. *Nutrients*, **2020**, 12,	6.7	3
35	Tree nut snack consumption is associated with better diet quality and CVD risk in the UK adult population: National Diet and Nutrition Survey (NDNS) 2008-2014. *Public Health Nutrition*, **2020**, 23, 3160-3169	3.3	8
34	High-Density Lipoproteins Are the Main Carriers of PCSK9 in the Circulation. *Journal of the American College of Cardiology*, **2020**, 75, 1495-1497	15.1	4
33	Effect of Postprandial Glucose Dips on Hunger and Energy Intake in 1102 Subjects in US and UK: The PREDICT 1 Study. *Current Developments in Nutrition*, **2020**, 4, 1611-1611	0.4	2
32	Dietary Influence on Systolic and Diastolic Blood Pressure in the TwinsUK Cohort. *Nutrients*, **2020**, 12,	6.7	4
31	Nuts and their Effect on Gut Microbiota, Gut Function and Symptoms in Adults: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. *Nutrients*, **2020**, 12,	6.7	22
30	Almond snack consumption improves endothelial function in adults with moderate risk of cardiovascular disease: a randomised, controlled, parallel trial. *Proceedings of the Nutrition Society*, **2020**, 79,	2.9	1
29	Chemical, physical and glycaemic characterisation of PulseON : A novel legume cell-powder ingredient for use in the design of functional foods. *Journal of Functional Foods*, **2020**, 68, 103918	5.1	20
28	Wheat Flour Fortification to Prevent Iron-Deficiency Anemia **2019**, 485-491		2
27	Dissecting the role of the gut microbiota and diet on visceral fat mass accumulation. *Scientific Reports*, **2019**, 9, 9758	4.9	22
26	Enhancing mineral bioavailability from cereals: Current strategies and future perspectives. *Nutrition Bulletin*, **2018**, 43, 184-188	3.5	13
25	Compliance with dietary guidelines affects capillary recruitment in healthy middle-aged men and women. *European Journal of Nutrition*, **2017**, 56, 1037-1044	5.2	4
24	and modeling of lipid bioaccessibility and digestion from almond muffins: The importance of the cell-wall barrier mechanism. *Journal of Functional Foods*, **2017**, 37, 263-271	5.1	23
23	Modulation of postprandial lipaemia by a single meal containing a commonly consumed interesterified palmitic acid-rich fat blend compared to a non-interesterified equivalent. *European Journal of Nutrition*, **2017**, 56, 2487-2495	5.2	8
22	Effect of mastication on lipid bioaccessibility of almonds in a randomized human study and its implications for digestion kinetics, metabolizable energy, and postprandial lipemia. *American Journal of Clinical Nutrition*, **2015**, 101, 25-33	7	81
21	Palmitic acid in the sn-2 position decreases glucose-dependent insulinotropic polypeptide secretion in healthy adults. *European Journal of Clinical Nutrition*, **2014**, 68, 549-54	5.2	16

20	An interesterified palm olein test meal decreases early-phase postprandial lipemia compared to palm olein: a randomized controlled trial. *Lipids*, **2014**, 49, 895-904	1.6	16
19	Palmitic acid in the sn-2 position of dietary triacylglycerols does not affect insulin secretion or glucose homeostasis in healthy men and women. *European Journal of Clinical Nutrition*, **2014**, 68, 1036-41	5.2	26
18	Acute effects of pomegranate extract on postprandial lipaemia, vascular function and blood pressure. *Plant Foods for Human Nutrition*, **2012**, 67, 351-7	3.9	39
17	Palmitic acid in the sn-2 position of triacylglycerols acutely influences postprandial lipid metabolism. *American Journal of Clinical Nutrition*, **2011**, 94, 1433-41	7	54
16	Increased potassium intake from fruit and vegetables or supplements does not lower blood pressure or improve vascular function in UK men and women with early hypertension: a randomised controlled trial. *British Journal of Nutrition*, **2010**, 104, 1839-47	3.6	72
15	Triacylglycerol structure and interesterification of palmitic and stearic acid-rich fats: an overview and implications for cardiovascular disease. *Nutrition Research Reviews*, **2009**, 22, 3-17	7	131
14	Saturated fatty acid consumption: outlining the scale of the problem and assessing the solutions. *Nutrition Bulletin*, **2009**, 34, 74-84	3.5	5
13	Impaired postprandial endothelial function depends on the type of fat consumed by healthy men. *Journal of Nutrition*, **2008**, 138, 1910-4	4.1	59
12	Manipulation of lipid bioaccessibility of almond seeds influences postprandial lipemia in healthy human subjects. *American Journal of Clinical Nutrition*, **2008**, 88, 922-9	7	89
11	The solid fat content of stearic acid-rich fats determines their postprandial effects. *American Journal of Clinical Nutrition*, **2007**, 85, 1486-94	7	78
10	Effect of interesterification of palmitic acid-rich triacylglycerol on postprandial lipid and factor VII response. *Lipids*, **2007**, 42, 315-23	1.6	33
9	Influence of triacylglycerol structure of stearic acid-rich fats on postprandial lipaemia. *Proceedings of the Nutrition Society*, **2005**, 64, 205-12	2.9	48
8	Postprandial lipaemia the influence of diet and its link to coronary heart disease. *Nutrition Bulletin* , **2005**, 30, 314-322	3.5	3
7	Influence of stearic acid on postprandial lipemia and hemostatic function. *Lipids*, **2005**, 40, 1221-7	1.6	15
6	Influence of triacylglycerol structure on the postprandial response of factor VII to stearic acid-rich fats. *American Journal of Clinical Nutrition*, **2003**, 77, 777-82	7	49
5	Targeting DNA mismatch repair for radiosensitization. *Seminars in Radiation Oncology*, **2001**, 11, 300-15	5.5	36
4	Selective radiosensitization of drug-resistant MutS homologue-2 (MSH2) mismatch repair-deficient cells by halogenated thymidine (dThd) analogues: Msh2 mediates dThd analogue DNA levels and the differential cytotoxicity and cell cycle effects of the dThd analogues and 6-thioguanine. *Cancer Research*, **2000**, 60, 5773-80	10.1	24
3	Personalised REsponses to DIetary Composition Trial (PREDICT): an intervention study to determine inter-individual differences in postprandial response to foods		6

List of Publications