

Sarah Berry

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Human postprandial responses to food and potential for precision nutrition. <i>Nature Medicine</i> , 2020 , 26, 964-973	50.5	153
54	Triacylglycerol structure and interesterification of palmitic and stearic acid-rich fats: an overview and implications for cardiovascular disease. <i>Nutrition Research Reviews</i> , 2009 , 22, 3-17	7	131
53	Microbiome connections with host metabolism and habitual diet from 1,098 deeply phenotyped individuals. <i>Nature Medicine</i> , 2021 , 27, 321-332	50.5	124
52	Manipulation of lipid bioaccessibility of almond seeds influences postprandial lipemia in healthy human subjects. <i>American Journal of Clinical Nutrition</i> , 2008 , 88, 922-9	7	89
51	Effect of mastication on lipid bioaccessibility of almonds in a randomized human study and its implications for digestion kinetics, metabolizable energy, and postprandial lipemia. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 25-33	7	81
50	The solid fat content of stearic acid-rich fats determines their postprandial effects. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 1486-94	7	78
49	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. <i>British Journal of Nutrition</i> , 2010 , 104, 1839-47	3.6	72
48	Impaired postprandial endothelial function depends on the type of fat consumed by healthy men. <i>Journal of Nutrition</i> , 2008 , 138, 1910-4	4.1	59
47	Palmitic acid in the sn-2 position of triacylglycerols acutely influences postprandial lipid metabolism. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 1433-41	7	54
46	Influence of triacylglycerol structure on the postprandial response of factor VII to stearic acid-rich fats. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 777-82	7	49
45	Influence of triacylglycerol structure of stearic acid-rich fats on postprandial lipaemia. <i>Proceedings of the Nutrition Society</i> , 2005 , 64, 205-12	2.9	48
44	Acute effects of pomegranate extract on postprandial lipaemia, vascular function and blood pressure. <i>Plant Foods for Human Nutrition</i> , 2012 , 67, 351-7	3.9	39
43	Targeting DNA mismatch repair for radiosensitization. <i>Seminars in Radiation Oncology</i> , 2001 , 11, 300-15	5.5	36
42	Effect of interesterification of palmitic acid-rich triacylglycerol on postprandial lipid and factor VII response. <i>Lipids</i> , 2007 , 42, 315-23	1.6	33
41	Modest effects of dietary supplements during the COVID-19 pandemic: insights from 445 850 users of the COVID-19 Symptom Study app. <i>BMJ Nutrition, Prevention and Health</i> , 2021 , 4, 149-157	6.7	30
40	Diet quality and risk and severity of COVID-19: a prospective cohort study. <i>Gut</i> , 2021 , 70, 2096-2104	19.2	30
39	Palmitic acid in the sn-2 position of dietary triacylglycerols does not affect insulin secretion or glucose homeostasis in healthy men and women. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 1036-41	5.2	26

38	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. <i>Cancer Research</i> , 2000 , 60, 5773-80	10.1	24
37	and modeling of lipid bioaccessibility and digestion from almond muffins: The importance of the cell-wall barrier mechanism. <i>Journal of Functional Foods</i> , 2017 , 37, 263-271	5.1	23
36	Blue poo: impact of gut transit time on the gut microbiome using a novel marker. <i>Gut</i> , 2021 , 70, 1665-1674	4.2	23
35	Dissecting the role of the gut microbiota and diet on visceral fat mass accumulation. <i>Scientific Reports</i> , 2019 , 9, 9758	4.9	22
34	Nuts and their Effect on Gut Microbiota, Gut Function and Symptoms in Adults: A Systematic Review and Meta-Analysis of Randomised Controlled Trials. <i>Nutrients</i> , 2020 , 12,	6.7	22
33	Chemical, physical and glycaemic characterisation of PulseON [®] : A novel legume cell-powder ingredient for use in the design of functional foods. <i>Journal of Functional Foods</i> , 2020 , 68, 103918	5.1	20
32	Palmitic acid in the sn-2 position decreases glucose-dependent insulinotropic polypeptide secretion in healthy adults. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 549-54	5.2	16
31	An interesterified palm olein test meal decreases early-phase postprandial lipemia compared to palm olein: a randomized controlled trial. <i>Lipids</i> , 2014 , 49, 895-904	1.6	16
30	Influence of stearic acid on postprandial lipemia and hemostatic function. <i>Lipids</i> , 2005 , 40, 1221-7	1.6	15
29	Enhancing mineral bioavailability from cereals: Current strategies and future perspectives. <i>Nutrition Bulletin</i> , 2018 , 43, 184-188	3.5	13
28	Postprandial glycaemic dips predict appetite and energy intake in healthy individuals. <i>Nature Metabolism</i> , 2021 , 3, 523-529	14.6	12
27	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. <i>Food Hydrocolloids</i> , 2021 , 114, 106565	10.6	12
26	High intake of vegetables is linked to lower white blood cell profile and the effect is mediated by the gut microbiome. <i>BMC Medicine</i> , 2021 , 19, 37	11.4	12
25	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. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 1178-1189	7	11
24	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. <i>Public Health Nutrition</i> , 2020 , 23, 3160-3169 ⁸	3.3	8
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. <i>European Journal of Nutrition</i> , 2017 , 56, 2487-2495	5.2	8
22	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. <i>European Journal of Nutrition</i> , 2021 , 60, 643-654	5.2	7
21	Impact of COVID-19 on health behaviours and body weight: A prospective observational study in a cohort of 1.1 million UK and US individuals		7

20	Personalised REsponses to Dietary Composition Trial (PREDICT): an intervention study to determine inter-individual differences in postprandial response to foods		6
19	Dietary supplements during the COVID-19 pandemic: insights from 1.4M users of the COVID Symptom Study app - a longitudinal app-based community survey		6
18	Meal-induced inflammation: postprandial insights from the Personalised REsponses to Dietary Composition Trial (PREDICT) study in 1000 participants. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1028-1038	7	6
17	Saturated fatty acid consumption: outlining the scale of the problem and assessing the solutions. <i>Nutrition Bulletin</i> , 2009 , 34, 74-84	3.5	5
16	Gut microbiome diversity and composition is associated with hypertension in women. <i>Journal of Hypertension</i> , 2021 , 39, 1810-1816	1.9	5
15	Compliance with dietary guidelines affects capillary recruitment in healthy middle-aged men and women. <i>European Journal of Nutrition</i> , 2017 , 56, 1037-1044	5.2	4
14	High-Density Lipoproteins Are the Main Carriers of PCSK9 in the Circulation. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1495-1497	15.1	4
13	Dietary Influence on Systolic and Diastolic Blood Pressure in the TwinsUK Cohort. <i>Nutrients</i> , 2020 , 12,	6.7	4
12	Snacking on Whole Almonds for Six Weeks Increases Heart Rate Variability during Mental Stress in Healthy Adults: A Randomized Controlled Trial. <i>Nutrients</i> , 2020 , 12,	6.7	3
11	Postprandial lipaemia ¶the influence of diet and its link to coronary heart disease. <i>Nutrition Bulletin</i> , 2005 , 30, 314-322	3.5	3
10	Wheat Flour Fortification to Prevent Iron-Deficiency Anemia 2019 , 485-491		2
9	Impact of insufficient sleep on dysregulated blood glucose control under standardised meal conditions. <i>Diabetologia</i> , 2021 , 1	10.3	2
8	Effect of Postprandial Glucose Dips on Hunger and Energy Intake in 1102 Subjects in US and UK: The PREDICT 1 Study. <i>Current Developments in Nutrition</i> , 2020 , 4, 1611-1611	0.4	2
7	Diet and lifestyle behaviour disruption related to the pandemic was varied and bidirectional among US and UK adults participating in the ZOE COVID Study. <i>Nature Food</i> , 2021 , 2, 957-969	14.4	2
6	Postprandial lipemia and CVD; does the magnitude, peak concentration or duration impact intermediary cardiometabolic risk factors differentially? PREDICT I Study.. <i>Proceedings of the Nutrition Society</i> , 2020 , 79,	2.9	1
5	Differential associations between diet quality scores and markers of cardiovascular health in women: cross-sectional analyses from TwinsUK. <i>British Journal of Nutrition</i> , 2021 , 126, 1017-1027	3.6	1
4	Almond snack consumption improves endothelial function in adults with moderate risk of cardiovascular disease: a randomised, controlled, parallel trial. <i>Proceedings of the Nutrition Society</i> , 2020 , 79,	2.9	1
3	PCSK9 Activity Is Potentiated Through HDL Binding. <i>Circulation Research</i> , 2021 , 129, 1039-1053	15.7	0

- 2 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
- 1 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