

Baukje de Roos

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.

41
papers

1,066
citations

19
h-index

32
g-index

45
ext. papers

1,291
ext. citations

5.1
avg. IF

4.68
L-index

#	Paper	IF	Citations
41	Addressing the inter-individual variation in response to consumption of plant food bioactives: Towards a better understanding of their role in healthy aging and cardiometabolic risk reduction. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600557	5.9	127
40	Long-chain n-3 polyunsaturated fatty acids: new insights into mechanisms relating to inflammation and coronary heart disease. <i>British Journal of Pharmacology</i> , 2009 , 158, 413-28	8.6	104
39	Impact of dietary polyphenols on human platelet function--a critical review of controlled dietary intervention studies. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 60-81	5.9	84
38	Proteomic methodological recommendations for studies involving human plasma, platelets, and peripheral blood mononuclear cells. <i>Journal of Proteome Research</i> , 2008 , 7, 2280-90	5.6	69
37	Personalised nutrition: ready for practice?. <i>Proceedings of the Nutrition Society</i> , 2013 , 72, 48-52	2.9	48
36	Metabolomics of prolonged fasting in humans reveals new catabolic markers. <i>Metabolomics</i> , 2011 , 7, 375-387	4.7	47
35	In vitro anti-platelet effects of simple plant-derived phenolic compounds are only found at high, non-physiological concentrations. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1624-36	5.9	43
34	Flavan-3-ol-enriched dark chocolate and white chocolate improve acute measures of platelet function in a gender-specific way--a randomized-controlled human intervention trial. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 191-202	5.9	39
33	Anti-platelet effects of olive oil extract: in vitro functional and proteomic studies. <i>European Journal of Nutrition</i> , 2011 , 50, 553-62	5.2	39
32	Attenuation of inflammation and cellular stress-related pathways maintains insulin sensitivity in obese type I interleukin-1 receptor knockout mice on a high-fat diet. <i>Proteomics</i> , 2009 , 9, 3244-56	4.8	37
31	The colonic metabolites dihydrocaffeic acid and dihydroferulic acid are more effective inhibitors of in vitro platelet activation than their phenolic precursors. <i>Food and Function</i> , 2017 , 8, 1333-1342	6.1	35
30	An extra virgin olive oil rich diet intervention ameliorates the nonalcoholic steatohepatitis induced by a high-fat "Western-type" diet in mice. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600549	5.9	33
29	Personalised Interventions-A Precision Approach for the Next Generation of Dietary Intervention Studies. <i>Nutrients</i> , 2017 , 9,	6.7	33
28	The potential impact of compositional changes in farmed fish on its health-giving properties: is it time to reconsider current dietary recommendations?. <i>Public Health Nutrition</i> , 2017 , 20, 2042-2049	3.3	31
27	Role of dietary pro-oxidants in the maintenance of health and resilience to oxidative stress. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1229-48	5.9	29
26	Factors influencing the cardiometabolic response to (poly)phenols and phytosterols: a review of the COST Action POSITIVE activities. <i>European Journal of Nutrition</i> , 2019 , 58, 37-47	5.2	27
25	Inhibitory and synergistic effects of natural olive phenols on human platelet aggregation and lipid peroxidation of microsomes from vitamin E-deficient rats. <i>European Journal of Nutrition</i> , 2015 , 54, 1287-95	5.2	21

24	Pharmacological Blockade of Cannabinoid CB1 Receptors in Diet-Induced Obesity Regulates Mitochondrial Dihydrolipoamide Dehydrogenase in Muscle. <i>PLoS ONE</i> , 2015 , 10, e0145244	3.7	20
23	Proteomic analysis of human plasma and blood cells in nutritional studies: development of biomarkers to aid disease prevention. <i>Expert Review of Proteomics</i> , 2008 , 5, 819-26	4.2	20
22	Future prospects for dissecting inter-individual variability in the absorption, distribution and elimination of plant bioactives of relevance for cardiometabolic endpoints. <i>European Journal of Nutrition</i> , 2019 , 58, 21-36	5.2	19
21	Why interindividual variation in response to consumption of plant food bioactives matters for future personalised nutrition. <i>Proceedings of the Nutrition Society</i> , 2020 , 79, 225-235	2.9	16
20	Availability and dose response of phytophenols from a wheat bran rich cereal product in healthy human volunteers. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600202	5.9	16
19	Nutrigenomics: lessons learned and future perspectives. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 503-516	7	15
18	Effect of supplementation with an 80:20 cis9,trans11 conjugated linoleic acid blend on the human platelet proteome. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 1148-59	5.9	12
17	Determination of 3,4-dihydroxyphenylglycol, hydroxytyrosol and tyrosol purified from olive oil by-products with HPLC in animal plasma and tissues. <i>Food Chemistry</i> , 2011 , 126, 1948-52	8.5	12
16	Acute Consumption of Flavan-3-ol-Enriched Dark Chocolate Affects Human Endogenous Metabolism. <i>Journal of Proteome Research</i> , 2017 , 16, 2516-2526	5.6	11
15	Selenium and sulphur derivatives of hydroxytyrosol: inhibition of lipid peroxidation in liver microsomes of vitamin E-deficient rats. <i>European Journal of Nutrition</i> , 2019 , 58, 1847-1851	5.2	8
14	Supplementation with a 9c,11t-rich conjugated linoleic acid blend shows no clear inhibitory effects on platelet function in healthy subjects at low and moderate cardiovascular risk: a randomized controlled trial. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 741-50	5.9	8
13	Perspective: Application of N-of-1 Methods in Personalized Nutrition Research. <i>Advances in Nutrition</i> , 2021 , 12, 579-589	10	8
12	Differences in expenditure and amounts of fresh foods, fruits and vegetables, and fish purchased in urban and rural Scotland. <i>Public Health Nutrition</i> , 2017 , 20, 524-533	3.3	7
11	A high intake of industrial or ruminant trans fatty acids does not affect the plasma proteome in healthy men. <i>Proteomics</i> , 2011 , 11, 3928-34	4.8	7
10	Linking agroecosystems producing farmed seafood with food security and health status to better address the nutritional challenges in Bangladesh. <i>Public Health Nutrition</i> , 2019 , 22, 2941-2949	3.3	6
9	Targeting the delivery of dietary plant bioactives to those who would benefit most: from science to practical applications. <i>European Journal of Nutrition</i> , 2019 , 58, 65-73	5.2	6
8	Proteomic approaches to predict bioavailability of fatty acids and their influence on cancer and chronic disease prevention. <i>Journal of Nutrition</i> , 2012 , 142, 1370S-6S	4.1	6
7	Efficacy of Bilberry and Grape Seed Extract Supplement Interventions to Improve Glucose and Cholesterol Metabolism and Blood Pressure in Different Populations-A Systematic Review of the Literature. <i>Nutrients</i> , 2021 , 13,	6.7	3

6	Effect of nonmeat, high-protein supplementation on quality of life and clinical outcomes in older residents of care homes: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2019 , 77, 116-127	6.4	3
5	Inter-Individual Variation in Cancer and Cardiometabolic Health Outcomes in Response to Coffee Consumption: A Critical Review. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e1900479	5.9	2
4	Application of Proteomics in Nutrition Research 2010 , 213-223		2
3	The nutritional and cardiovascular health benefits of rapeseed oil-fed farmed salmon in humans are not decreased compared with those of traditionally farmed salmon: a randomized controlled trial. <i>European Journal of Nutrition</i> , 2021 , 60, 2063-2075	5.2	2
2	Less than half of the European dietary recommendations for fish consumption are satisfied by national seafood supplies. <i>European Journal of Nutrition</i> , 2021 , 60, 4219-4228	5.2	1
1	Linkages of agroecosystems producing farmed seafood on food security, nutritional status and adolescent health in Bangladesh. <i>Maternal and Child Nutrition</i> , 2020 , 16 Suppl 3, e13017	3.4	0