Baukje de Roos

List of Publications by Year
in descending order

44 papers	1,452 citations	331259 21 h-index	329751 37 g-index
45 all docs	45 docs citations	45 times ranked	2740 citing authors

#	Article	IF	Citations
1	Addressing the interâ€individual variation in response to consumption of plant food bioactives: Towards a better understanding of their role in healthy aging and cardiometabolic risk reduction. Molecular Nutrition and Food Research, 2017, 61, 1600557.	1.5	179
2	Longâ€chain nâ€3 polyunsaturated fatty acids: new insights into mechanisms relating to inflammation and coronary heart disease. British Journal of Pharmacology, 2009, 158, 413-428.	2.7	125
3	Impact of dietary polyphenols on human platelet function â€“ A critical review of controlled dietary intervention studies. Molecular Nutrition and Food Research, 2010, 54, 60-81.	1.5	97
4	Proteomic Methodological Recommendations for Studies Involving Human Plasma, Platelets, and Peripheral Blood Mononuclear Cells. Journal of Proteome Research, 2008, 7, 2280-2290.	1.8	79
5	Personalised nutrition: ready for practice?. Proceedings of the Nutrition Society, 2013, 72, 48-52.	0.4	66
6	Metabolomics of prolonged fasting in humans reveals new catabolic markers. Metabolomics, 2011, 7, 375-387.	1.4	59
7	Personalised Interventionsâ€”A Precision Approach for the Next Generation of Dietary Intervention Studies. Nutrients, 2017, 9, 847.	1.7	54
8	In vitro antiâ€platelet effects of simple plantâ€derived phenolic compounds are only found at high, nonâ€physiological concentrations. Molecular Nutrition and Food Research, 2011, 55, 1624-1636.	1.5	50
9	Anti-platelet effects of olive oil extract: in vitro functional and proteomic studies. European Journal of Nutrition, 2011, 50, 553-562.	1.8	48
10	Flavanâ€3â€olâ€enriched dark chocolate and white chocolate improve acute measures of platelet function in a genderâ€specific wayâ€”a randomizedâ€controlled human intervention trial. Molecular Nutrition and Food Research, 2013, 57, 191-202.	1.5	47
11	Attenuation of inflammation and cellular stressâ€related pathways maintains insulin sensitivity in obese type I interleukinâ€1 receptor knockout mice on a highâ€fat diet. Proteomics, 2009, 9, 3244-3256.	1.3	44
12	The potential impact of compositional changes in farmed fish on its health-giving properties: is it time to reconsider current dietary recommendations?. Public Health Nutrition, 2017, 20, 2042-2049.	1.1	42
13	The colonic metabolites dihydrocaffeic acid and dihydroferulic acid are more effective inhibitors of in vitro platelet activation than their phenolic precursors. Food and Function, 2017, 8, 1333-1342.	2.1	40
14	Factors influencing the cardiometabolic response to (poly)phenols and phytosterols: a review of the COST Action POSITIVe activities. European Journal of Nutrition, 2019, 58, 37-47.	1.8	39
15	An extra virgin olive oil rich diet intervention ameliorates the nonalcoholic steatohepatitis induced by a highâ€fat â€œWesternâ€typeâ€diet in mice. Molecular Nutrition and Food Research, 2017, 61, 1600549.	1.5	37
16	Why interindividual variation in response to consumption of plant food bioactives matters for future personalised nutrition. Proceedings of the Nutrition Society, 2020, 79, 225-235.	0.4	36
17	Role of dietary proâ€oxidants in the maintenance of health and resilience to oxidative stress. Molecular Nutrition and Food Research, 2015, 59, 1229-1248.	1.5	34
18	Future prospects for dissecting inter-individual variability in the absorption, distribution and elimination of plant bioactives of relevance for cardiometabolic endpoints. European Journal of Nutrition, 2019, 58, 21-36.	1.8	34

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19	Pharmacological Blockade of Cannabinoid CB1 Receptors in Diet-Induced Obesity Regulates Mitochondrial Dihydrolipoamide Dehydrogenase in Muscle. PLoS ONE, 2015, 10, e0145244.	1.1	31
20	Nutrigenomics: lessons learned and future perspectives. American Journal of Clinical Nutrition, 2021, 113, 503-516.	2.2	29
21	Inhibitory and synergistic effects of natural olive phenols on human platelet aggregation and lipid peroxidation of microsomes from vitamin E-deficient rats. European Journal of Nutrition, 2015, 54, 1287-1295.	1.8	27
22	Availability and dose response of phytophenols from a wheat bran rich cereal product in healthy human volunteers. Molecular Nutrition and Food Research, 2017, 61, 1600202.	1.5	23
23	Proteomic analysis of human plasma and blood cells in nutritional studies: development of biomarkers to aid disease prevention. Expert Review of Proteomics, 2008, 5, 819-826.	1.3	22
24	Perspective: Application of N-of-1 Methods in Personalized Nutrition Research. Advances in Nutrition, 2021, 12, 579-589.	2.9	21
25	Less than half of the European dietary recommendations for fish consumption are satisfied by national seafood supplies. European Journal of Nutrition, 2021, 60, 4219-4228.	1.8	18
26	Determination of 3,4-dihydroxyphenylglycol, hydroxytyrosol and tyrosol purified from olive oil by-products with HPLC in animal plasma and tissues. Food Chemistry, 2011, 126, 1948-1952.	4.2	15
27	Efficacy of Bilberry and Grape Seed Extract Supplement Interventions to Improve Glucose and Cholesterol Metabolism and Blood Pressure in Different Populationsâ€"A Systematic Review of the Literature. Nutrients, 2021, 13, 1692.	1.7	15
28	Effect of supplementation with an 80:20 cis9,trans11 conjugated linoleic acid blend on the human platelet proteome. Molecular Nutrition and Food Research, 2012, 56, 1148-1159.	1.5	14
29	Acute Consumption of Flavan-3-ol-Enriched Dark Chocolate Affects Human Endogenous Metabolism. Journal of Proteome Research, 2017, 16, 2516-2526.	1.8	14
30	Targeting the delivery of dietary plant bioactives to those who would benefit most: from science to practical applications. European Journal of Nutrition, 2019, 58, 65-73.	1.8	14
31	A high intake of industrial or ruminant trans fatty acids does not affect the plasma proteome in healthy men. Proteomics, 2011, 11, 3928-3934.	1.3	11
32	Linking agroecosystems producing farmed seafood with food security and health status to better address the nutritional challenges in Bangladesh. Public Health Nutrition, 2019, 22, 2941-2949.	1.1	11
33	Supplementation with a 9c,11tâ€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. Molecular Nutrition and Food Research, 2015, 59, 741-750.	1.5	10
34	Differences in expenditure and amounts of fresh foods, fruits and vegetables, and fish purchased in urban and rural Scotland. Public Health Nutrition, 2017, 20, 524-533.	1.1	9
35	Selenium and sulphur derivatives of hydroxytyrosol: inhibition of lipid peroxidation in liver microsomes of vitamin E-deficient rats. European Journal of Nutrition, 2019, 58, 1847-1851.	1.8	8
36	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. Nutrition Reviews, 2019, 77, 116-127.	2.6	8

#	Article	IF	Citations
37	Nutritional Quality, Environmental Impact and Cost of Ultra-Processed Foods: A UK Food-Based Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 3191.	1.2	8
38	Proteomic Approaches to Predict Bioavailability of Fatty Acids and Their Influence on Cancer and Chronic Disease Prevention. Journal of Nutrition, 2012, 142, 1370S-1376S.	1.3	6
39	Interâ€Individual Variation in Cancer and Cardiometabolic Health Outcomes in Response to Coffee Consumption: A Critical Review. Molecular Nutrition and Food Research, 2020, 64, e1900479.	1.5	5
40	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. European Journal of Nutrition, 2021, 60, 2063-2075.	1.8	4
41	Linkages of agroecosystems producing farmed seafood on food security, nutritional status and adolescent health in Bangladesh. Maternal and Child Nutrition, 2020, 16, e13017.	1.4	4
42	Application of Proteomics in Nutrition Research. , 2010, , 213-223.		2
43	Diet, blood pressure, and heart diseaseâ€"precision nutrition approaches to understand response to diet and predict disease risk. American Journal of Clinical Nutrition, 2021, 114, 1581-1582.	2.2	2
44	Is life longer with a box of chocolates?. Heart, 2016, 102, 990-991.	1.2	0