Ville M Koistinen

List of Publications by Citations

22 papers	367 citations	11 h-index	19 g-index
27 ext. papers	538 ext. citations	6.9 avg, IF	3.68 L-index

#	Paper	IF	Citations
22	Factors affecting intake, metabolism and health benefits of phenolic acids: do we understand individual variability?. *European Journal of Nutrition*, **2020**, 59, 1275-1293	5.2	68
21	Metabolic profiling of sourdough fermented wheat and rye bread. *Scientific Reports*, **2018**, 8, 5684	4.9	46
20	Contribution of gut microbiota to metabolism of dietary glycine betaine in mice and in vitro colonic fermentation. *Microbiome*, **2019**, 7, 103	16.6	32
19	Mass spectrometry-based analysis of whole-grain phytochemicals. *Critical Reviews in Food Science and Nutrition*, **2017**, 57, 1688-1709	11.5	30
18	Effect of Bioprocessing on the In Vitro Colonic Microbial Metabolism of Phenolic Acids from Rye Bran Fortified Breads. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 1854-1864	5.7	29
17	"notame": Workflow for Non-Targeted LC-MS Metabolic Profiling. *Metabolites*, **2020**, 10,	5.6	29
16	Diets rich in whole grains increase betainized compounds associated with glucose metabolism. *American Journal of Clinical Nutrition*, **2018**, 108, 971-979	7	26
15	Changes in the phytochemical profile of rye bran induced by enzymatic bioprocessing and sourdough fermentation. *Food Research International*, **2016**, 89, 1106-1115	7	24
14	Whole grain intake associated molecule 5-aminovaleric acid betaine decreases β-oxidation of fatty acids in mouse cardiomyocytes. *Scientific Reports*, **2018**, 8, 13036	4.9	18
13	Interlaboratory Coverage Test on Plant Food Bioactive Compounds and their Metabolites by Mass Spectrometry-Based Untargeted Metabolomics. *Metabolites*, **2018**, 8,	5.6	17
12	Microbial and endogenous metabolic conversions of rye phytochemicals. *Molecular Nutrition and Food Research*, **2017**, 61, 1600627	5.9	13
11	Defining the Scope of Exposome Studies and Research Needs from a Multidisciplinary Perspective. *Environmental Science and Technology Letters*, **2021**, 8, 839-852	11	10
10	Side-stream products of malting: a neglected source of phytochemicals. *Npj Science of Food*, **2020**, 4, 21	6.3	4
9	Maternal microbiota-derived metabolic profile in fetal murine intestine, brain and placenta.. *BMC Microbiology*, **2022**, 22, 46	4.5	4
8	Effects of exercise on NAFLD using non-targeted metabolomics in adipose tissue, plasma, urine, and stool.. *Scientific Reports*, **2022**, 12, 6485	4.9	4
7	Mastication-induced release of compounds from rye and wheat breads to saliva. *Food Chemistry*, **2019**, 270, 502-508	8.5	3
6	Associations of the serum metabolite profile with a healthy Nordic diet and risk of coronary artery disease. *Clinical Nutrition*, **2021**, 40, 3250-3262	5.9	3

List of Publications

5	Putative metabolites involved in the beneficial effects of wholegrain cereal: Nontargeted metabolite profiling approach. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 1156-1165	4.5	2
4	Metabolomic signature of the maternal microbiota in the fetus		1
3	Data sharing in PredRet for accurate prediction of retention time: Application to plant food bioactive compounds. *Food Chemistry*, **2021**, 357, 129757	8.5	1
2	Inconsistent nomenclature of microbiota-associated metabolites hampers progress of the field.. *Nature Metabolism*, **2022**,	14.6	0
1	Terpenoid and lipid profiles vary in different Phytophthora cactorum - strawberry interactions. *Phytochemistry*, **2021**, 189, 112820	4	