Ville-Petteri Mkinen

List of Publications by Citations

56 papers	2,758 citations	28 h-index	52 g-index
71 ext. papers	3,329 ext. citations	6.6 avg, IF	4.18 L-index

#	Paper	IF	Citations
56	The presence and severity of chronic kidney disease predicts all-cause mortality in type 1 diabetes. *Diabetes*, **2009**, 58, 1651-8	0.9	410
55	Metabolic signatures of insulin resistance in 7,098 young adults. *Diabetes*, **2012**, 61, 1372-80	0.9	224
54	New susceptibility loci associated with kidney disease in type 1 diabetes. *PLoS Genetics*, **2012**, 8, e1002921	8.1	176
53	Circulating metabolite predictors of glycemia in middle-aged men and women. *Diabetes Care*, **2012**, 35, 1749-56	14.6	159
52	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. *PLoS Genetics*, **2014**, 10, e1004502	6	147
51	Long-term leisure-time physical activity and serum metabolome. *Circulation*, **2013**, 127, 340-8	16.7	136
50	1H NMR metabonomics approach to the disease continuum of diabetic complications and premature death. *Molecular Systems Biology*, **2008**, 4, 167	12.2	136
49	A multi-metabolite analysis of serum by 1H NMR spectroscopy: early systemic signs of Alzheimer's disease. *Biochemical and Biophysical Research Communications*, **2008**, 375, 356-61	3.4	93
48	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. *BMC Medicine*, **2016**, 14, 205	11.4	85
47	Metabolic phenotypes, vascular complications, and premature deaths in a population of 4,197 patients with type 1 diabetes. *Diabetes*, **2008**, 57, 2480-7	0.9	73
46	Identification and validation of N-acetyltransferase 2 as an insulin sensitivity gene. *Journal of Clinical Investigation*, **2015**, 125, 1739-51	15.9	67
45	Mergeomics: multidimensional data integration to identify pathogenic perturbations to biological systems. *BMC Genomics*, **2016**, 17, 874	4.5	56
44	Systems Genetics Analysis of Genome-Wide Association Study Reveals Novel Associations Between Key Biological Processes and Coronary Artery Disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 1712-22	9.4	55
43	Lipid abnormalities predict progression of renal disease in patients with type 1 diabetes. *Diabetologia*, **2009**, 52, 2522-30	10.3	55
42	Chromosome 2q31.1 associates with ESRD in women with type 1 diabetes. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 1537-43	12.7	54
41	Diagnosing diabetic nephropathy by 1H NMR metabonomics of serum. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2006**, 19, 281-96	2.8	54
40	A novel Bayesian approach to quantify clinical variables and to determine their spectroscopic counterparts in 1H NMR metabonomic data. *BMC Bioinformatics*, **2007**, 8 Suppl 2, S8	3.6	46

39	Metabolic diversity of progressive kidney disease in 325 patients with type 1 diabetes (the FinnDiane Study). *Journal of Proteome Research*, **2012**, 11, 1782-90	5.6	44
38	Sphingomyelin is associated with kidney disease in type 1 diabetes (The FinnDiane Study). *Metabolomics*, **2012**, 8, 369-375	4.7	44
37	Systems Biology Approaches and Applications in Obesity, Diabetes, and Cardiovascular Diseases. *Current Cardiovascular Risk Reports*, **2013**, 7, 73-83	0.9	41
36	High-throughput pedigree drawing. *European Journal of Human Genetics*, **2005**, 13, 987-9	5.3	40
35	Genome-wide association study of urinary albumin excretion rate in patients with type 1 diabetes. *Diabetologia*, **2014**, 57, 1143-53	10.3	38
34	New method to measure and improve consistency of baroreflex sensitivity values. *Clinical Autonomic Research*, **2010**, 20, 353-61	4.3	37
33	Genetic variation within endolysosomal system is associated with late-onset Alzheimer\'s disease. *Brain*, **2018**, 141, 2711-2720	11.2	35
32	Estimation of VLDL, IDL, LDL, HDL2, apoA-I, and apoB from the Friedewald inputs--apoB and IDL, but not LDL, are associated with mortality in type 1 diabetes. *Annals of Medicine*, **2009**, 41, 451-61	1.5	34
31	Mergeomics: a web server for identifying pathological pathways, networks, and key regulators via multidimensional data integration. *BMC Genomics*, **2016**, 17, 722	4.5	33
30	Arterial stiffness and vascular complications in patients with type 1 diabetes: the Finnish Diabetic Nephropathy (FinnDiane) Study. *Annals of Medicine*, **2012**, 44, 196-204	1.5	31
29	Polymorphisms in the gene encoding angiotensin I converting enzyme 2 and diabetic nephropathy. *Diabetologia*, **2005**, 48, 2278-81	10.3	30
28	Triglyceride-cholesterol imbalance across lipoprotein subclasses predicts diabetic kidney disease and mortality in type 1 diabetes: the FinnDiane Study. *Journal of Internal Medicine*, **2013**, 273, 383-95	10.8	28
27	Characterization of systemic metabolic phenotypes associated with subclinical atherosclerosis. *Molecular BioSystems*, **2011**, 7, 385-93		26
26	Network of vascular diseases, death and biochemical characteristics in a set of 4,197 patients with type 1 diabetes (the FinnDiane Study). *Cardiovascular Diabetology*, **2009**, 8, 54	8.7	25
25	Short-term oxygen administration restores blunted baroreflex sensitivity in patients with type 1 diabetes. *Diabetologia*, **2011**, 54, 2164-73	10.3	23
24	Associations and interactions between lipid profiles, retinopathy and nephropathy in patients with type 1 diabetes: the FinnDiane Study. *Journal of Internal Medicine*, **2013**, 274, 469-79	10.8	21
23	Insulin resistance and systemic metabolic changes in oral glucose tolerance test in 5340 individuals: an interventional study. *BMC Medicine*, **2019**, 17, 217	11.4	19
22	High-fat meals induce systemic cytokine release without evidence of endotoxemia-mediated cytokine production from circulating monocytes or myeloid dendritic cells. *Acta Diabetologica*, **2015**, 52, 315-22	3.9	17

21	Different lipid variables predict incident coronary artery disease in patients with type 1 diabetes with or without diabetic nephropathy: the FinnDiane study. *Diabetes Care*, **2014**, 37, 2374-82	14.6	17
20	Novel genetic susceptibility loci for diabetic end-stage renal disease identified through robust naive Bayes classification. *Diabetologia*, **2014**, 57, 1611-22	10.3	17
19	Computationally estimated apolipoproteins B and A1 in predicting cardiovascular risk. *Atherosclerosis*, **2013**, 226, 245-51	3.1	17
18	Metabolomics of aging requires large-scale longitudinal studies with replication. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E3470	11.5	14
17	Mild cognitive impairment associates with concurrent decreases in serum cholesterol and cholesterol-related lipoprotein subclasses. *Journal of Nutrition, Health and Aging*, **2012**, 16, 631-5	5.2	14
16	Data-driven metabolic subtypes predict future adverse events in individuals with type 1 diabetes. *Diabetologia*, **2017**, 60, 1234-1243	10.3	13
15	Patients with type 1 diabetes show signs of vascular dysfunction in response to multiple high-fat meals. *Nutrition and Metabolism*, **2014**, 11, 28	4.6	10
14	Metabolic phenotyping of diabetic nephropathy. *Clinical Pharmacology and Therapeutics*, **2013**, 94, 566-9	6.1	10
13	Characterization of metabolic interrelationships and in silico phenotyping of lipoprotein particles using self-organizing maps. *Journal of Lipid Research*, **2010**, 51, 431-9	6.3	9
12	Numero: a statistical framework to define multivariable subgroups in complex population-based datasets. *International Journal of Epidemiology*, **2019**, 48, 369-374	7.8	6
11	Data-driven multivariate population subgrouping via lipoprotein phenotypes versus apolipoprotein B in the risk assessment of coronary heart disease. *Atherosclerosis*, **2020**, 294, 10-15	3.1	5
10	Arterial function can be obtained by noninvasive finger pressure waveform. *International Journal of Cardiology*, **2014**, 175, 169-71	3.2	4
9	Multivariable Analysis of Nutritional and Socio-Economic Profiles Shows Differences in Incident Anemia for Northern and Southern Jiangsu in China. *Nutrients*, **2017**, 9,	6.7	4
8	The interplay between lipoprotein phenotypes, adiponectin, and alcohol consumption. *Annals of Medicine*, **2012**, 44, 513-22	1.5	4
7	Statistical reporting of metabolomics data: experience from a high-throughput NMR platform and epidemiological applications. *Metabolomics*, **2019**, 16, 5	4.7	4
6	Oxygen deteriorates arterial function in type 1 diabetes. *Acta Diabetologica*, **2016**, 53, 349-57	3.9	3
5	Gene networks and pathways for plasma lipid traits via multitissue multiomics systems analysis. *Journal of Lipid Research*, **2021**, 62, 100019	6.3	2
4	Apt interpretation of comprehensive lipoprotein data in large-scale epidemiology disclosure of fundamental structural and metabolic relationships		1

3	Use and validation of text mining and cluster algorithms to derive insights from Corona Virus Disease-2019 (COVID-19) medical literature. *Computer Methods and Programs in Biomedicine Update* , **2021**, 1, 100010		1
2	Adiposity and cancer: a Mendelian randomization analysis in the UK biobank. *International Journal of Obesity*, **2021**, 45, 2657-2665	5.5	0
1	Lipoproteins and Diabetic Nephropathy. *Contemporary Diabetes*, **2014**, 279-299	0	