

Ville-Petteri Mkinen

List of Publications by Year in Descending Order

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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.

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	Use and validation of text mining and cluster algorithms to derive insights from Corona Virus Disease-2019 (COVID-19) medical literature. <i>Computer Methods and Programs in Biomedicine Update</i> , 2021 , 1, 100010		1
55	Adiposity and cancer: a Mendelian randomization analysis in the UK biobank. <i>International Journal of Obesity</i> , 2021 , 45, 2657-2665	5.5	0
54	Gene networks and pathways for plasma lipid traits via multitissue multiomics systems analysis. <i>Journal of Lipid Research</i> , 2021 , 62, 100019	6.3	2
53	Data-driven multivariate population subgrouping via lipoprotein phenotypes versus apolipoprotein B in the risk assessment of coronary heart disease. <i>Atherosclerosis</i> , 2020 , 294, 10-15	3.1	5
52	Número: a statistical framework to define multivariable subgroups in complex population-based datasets. <i>International Journal of Epidemiology</i> , 2019 , 48, 369-374	7.8	6
51	Statistical reporting of metabolomics data: experience from a high-throughput NMR platform and epidemiological applications. <i>Metabolomics</i> , 2019 , 16, 5	4.7	4
50	Insulin resistance and systemic metabolic changes in oral glucose tolerance test in 5340 individuals: an interventional study. <i>BMC Medicine</i> , 2019 , 17, 217	11.4	19
49	Genetic variation within endolysosomal system is associated with late-onset Alzheimer's disease. <i>Brain</i> , 2018 , 141, 2711-2720	11.2	35
48	Data-driven metabolic subtypes predict future adverse events in individuals with type 1 diabetes. <i>Diabetologia</i> , 2017 , 60, 1234-1243	10.3	13
47	Multivariable Analysis of Nutritional and Socio-Economic Profiles Shows Differences in Incident Anemia for Northern and Southern Jiangsu in China. <i>Nutrients</i> , 2017 , 9,	6.7	4
46	Oxygen deteriorates arterial function in type 1 diabetes. <i>Acta Diabetologica</i> , 2016 , 53, 349-57	3.9	3
45	Mergeomics: multidimensional data integration to identify pathogenic perturbations to biological systems. <i>BMC Genomics</i> , 2016 , 17, 874	4.5	56
44	Mergeomics: a web server for identifying pathological pathways, networks, and key regulators via multidimensional data integration. <i>BMC Genomics</i> , 2016 , 17, 722	4.5	33
43	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. <i>BMC Medicine</i> , 2016 , 14, 205	11.4	85
42	Metabolomics of aging requires large-scale longitudinal studies with replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E3470	11.5	14
41	High-fat meals induce systemic cytokine release without evidence of endotoxemia-mediated cytokine production from circulating monocytes or myeloid dendritic cells. <i>Acta Diabetologica</i> , 2015 , 52, 315-22	3.9	17
40	Identification and validation of N-acetyltransferase 2 as an insulin sensitivity gene. <i>Journal of Clinical Investigation</i> , 2015 , 125, 1739-51	15.9	67

39	Systems Genetics Analysis of Genome-Wide Association Study Reveals Novel Associations Between Key Biological Processes and Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 1712-22	9.4	55
38	Lipoproteins and Diabetic Nephropathy. <i>Contemporary Diabetes</i> , 2014 , 279-299	0	
37	Patients with type 1 diabetes show signs of vascular dysfunction in response to multiple high-fat meals. <i>Nutrition and Metabolism</i> , 2014 , 11, 28	4.6	10
36	Different lipid variables predict incident coronary artery disease in patients with type 1 diabetes with or without diabetic nephropathy: the FinnDiane study. <i>Diabetes Care</i> , 2014 , 37, 2374-82	14.6	17
35	Genome-wide association study of urinary albumin excretion rate in patients with type 1 diabetes. <i>Diabetologia</i> , 2014 , 57, 1143-53	10.3	38
34	Novel genetic susceptibility loci for diabetic end-stage renal disease identified through robust naive Bayes classification. <i>Diabetologia</i> , 2014 , 57, 1611-22	10.3	17
33	Arterial function can be obtained by noninvasive finger pressure waveform. <i>International Journal of Cardiology</i> , 2014 , 175, 169-71	3.2	4
32	Integrative genomics reveals novel molecular pathways and gene networks for coronary artery disease. <i>PLoS Genetics</i> , 2014 , 10, e1004502	6	147
31	Metabolic phenotyping of diabetic nephropathy. <i>Clinical Pharmacology and Therapeutics</i> , 2013 , 94, 566-96.1		10
30	Computationally estimated apolipoproteins B and A1 in predicting cardiovascular risk. <i>Atherosclerosis</i> , 2013 , 226, 245-51	3.1	17
29	Associations and interactions between lipid profiles, retinopathy and nephropathy in patients with type 1 diabetes: the FinnDiane Study. <i>Journal of Internal Medicine</i> , 2013 , 274, 469-79	10.8	21
28	Long-term leisure-time physical activity and serum metabolome. <i>Circulation</i> , 2013 , 127, 340-8	16.7	136
27	Systems Biology Approaches and Applications in Obesity, Diabetes, and Cardiovascular Diseases. <i>Current Cardiovascular Risk Reports</i> , 2013 , 7, 73-83	0.9	41
26	Chromosome 2q31.1 associates with ESRD in women with type 1 diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1537-43	12.7	54
25	Triglyceride-cholesterol imbalance across lipoprotein subclasses predicts diabetic kidney disease and mortality in type 1 diabetes: the FinnDiane Study. <i>Journal of Internal Medicine</i> , 2013 , 273, 383-95	10.8	28
24	Metabolic diversity of progressive kidney disease in 325 patients with type 1 diabetes (the FinnDiane Study). <i>Journal of Proteome Research</i> , 2012 , 11, 1782-90	5.6	44
23	Mild cognitive impairment associates with concurrent decreases in serum cholesterol and cholesterol-related lipoprotein subclasses. <i>Journal of Nutrition, Health and Aging</i> , 2012 , 16, 631-5	5.2	14
22	Sphingomyelin is associated with kidney disease in type 1 diabetes (The FinnDiane Study). <i>Metabolomics</i> , 2012 , 8, 369-375	4.7	44

21	Metabolic signatures of insulin resistance in 7,098 young adults. <i>Diabetes</i> , 2012 , 61, 1372-80	0.9	224
20	Circulating metabolite predictors of glycemia in middle-aged men and women. <i>Diabetes Care</i> , 2012 , 35, 1749-56	14.6	159
19	New susceptibility loci associated with kidney disease in type 1 diabetes. <i>PLoS Genetics</i> , 2012 , 8, e1002921	1.5	176
18	The interplay between lipoprotein phenotypes, adiponectin, and alcohol consumption. <i>Annals of Medicine</i> , 2012 , 44, 513-22	1.5	4
17	Arterial stiffness and vascular complications in patients with type 1 diabetes: the Finnish Diabetic Nephropathy (FinnDiane) Study. <i>Annals of Medicine</i> , 2012 , 44, 196-204	1.5	31
16	Short-term oxygen administration restores blunted baroreflex sensitivity in patients with type 1 diabetes. <i>Diabetologia</i> , 2011 , 54, 2164-73	10.3	23
15	Characterization of systemic metabolic phenotypes associated with subclinical atherosclerosis. <i>Molecular BioSystems</i> , 2011 , 7, 385-93		26
14	Characterization of metabolic interrelationships and in silico phenotyping of lipoprotein particles using self-organizing maps. <i>Journal of Lipid Research</i> , 2010 , 51, 431-9	6.3	9
13	New method to measure and improve consistency of baroreflex sensitivity values. <i>Clinical Autonomic Research</i> , 2010 , 20, 353-61	4.3	37
12	The presence and severity of chronic kidney disease predicts all-cause mortality in type 1 diabetes. <i>Diabetes</i> , 2009 , 58, 1651-8	0.9	410
11	Lipid abnormalities predict progression of renal disease in patients with type 1 diabetes. <i>Diabetologia</i> , 2009 , 52, 2522-30	10.3	55
10	Network of vascular diseases, death and biochemical characteristics in a set of 4,197 patients with type 1 diabetes (the FinnDiane Study). <i>Cardiovascular Diabetology</i> , 2009 , 8, 54	8.7	25
9	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. <i>Annals of Medicine</i> , 2009 , 41, 451-61	1.5	34
8	A multi-metabolite analysis of serum by 1H NMR spectroscopy: early systemic signs of Alzheimer's disease. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 375, 356-61	3.4	93
7	Metabolic phenotypes, vascular complications, and premature deaths in a population of 4,197 patients with type 1 diabetes. <i>Diabetes</i> , 2008 , 57, 2480-7	0.9	73
6	1H NMR metabolomics approach to the disease continuum of diabetic complications and premature death. <i>Molecular Systems Biology</i> , 2008 , 4, 167	12.2	136
5	A novel Bayesian approach to quantify clinical variables and to determine their spectroscopic counterparts in 1H NMR metabolomic data. <i>BMC Bioinformatics</i> , 2007 , 8 Suppl 2, S8	3.6	46
4	Diagnosing diabetic nephropathy by 1H NMR metabolomics of serum. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2006 , 19, 281-96	2.8	54

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| 3 | High-throughput pedigree drawing. <i>European Journal of Human Genetics</i> , 2005 , 13, 987-9 | 53 | 40 |
| 2 | Polymorphisms in the gene encoding angiotensin I converting enzyme 2 and diabetic nephropathy. <i>Diabetologia</i> , 2005 , 48, 2278-81 | 103 | 30 |
| 1 | Apt interpretation of comprehensive lipoprotein data in large-scale epidemiology [Disclosure of fundamental structural and metabolic relationships | | 1 |