Peter Wurtz

List of Publications by Year
in descending order

72 papers	11,248 citations	71102 41 h-index	82547 72 g-index
90 all docs	90 docs citations	90 times ranked	17786 citing authors

#	ARTICLE	IF	CITATIONS
1	Urinary metabolite profiling and risk of progression of diabetic nephropathy in 2670 individuals with type 1 diabetes. Diabetologia, 2022, 65, 140-149.	6.3	25
2	Comprehensive biomarker profiling of hypertension in 36 985 Finnish individuals. Journal of Hypertension, 2022, 40, 579-587.	0.5	9
3	Circulating Metabolic Biomarkers Are Consistently Associated With Type 2 Diabetes Risk in Asian and European Populations. Journal of Clinical Endocrinology and Metabolism, 2022, 107, e2751-e2761.	3.6	8
4	Metabolic biomarker profiling for identification of susceptibility to severe pneumonia and COVID-19 in the general population. ELife, 2021, 10, .	6.0	112
5	Metabolic Biomarker Discovery for Risk of Peripheral Artery Disease Compared With Coronary Artery Disease: Lipoprotein and Metabolite Profiling of 31 657 Individuals From 5 Prospective Cohorts. Journal of the American Heart Association, 2021, 10, e021995.	3.7	25
6	Plasma fatty acids and the risk of vascular disease and mortality outcomes in individuals with type 2 diabetes: results from the ADVANCE study. Diabetologia, 2020, 63, 1637-1647.	6.3	16
7	Reply to: "Methodological issues regarding: "A third of nonfasting plasma cholesterol is in remnant lipoproteins: Lipoprotein subclass profiling in 9293 individuals". Atherosclerosis, 2020, 302, 59-61.	0.8	10
8	A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. Nature Communications, 2019, 10, 3346.	12.8	188
9	Elevated serum alpha-1 antitrypsin is a major component of GlycA-associated risk for future morbidity and mortality. PLoS ONE, 2019, 14, e0223692.	2.5	14
10	Circulating metabolites and the risk of type 2 diabetes: a prospective study of 11,896 young adults from four Finnish cohorts. Diabetologia, 2019, 62, 2298-2309.	6.3	141
11	Metabolomic Signature of Angiopoietin-Like Protein 3 Deficiency in Fasting and Postprandial State. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 665-674.	2.4	29
12	Metabolomics: population epidemiology and concordance in Australian children aged 11–12 years and their parents. BMJ Open, 2019, 9, 106-117.	1.9	48
13	Mendelian randomization reveals unexpected effects of CETP on the lipoprotein profile. European Journal of Human Genetics, 2019, 27, 422-431.	2.8	30
14	Circulating Metabolic Biomarkers of Screen-Detected Prostate Cancer in the ProtecT Study. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 208-216.	2.5	21
15	Investigating the effects of lycopene and green tea on the metabolome of men at risk of prostate cancer: The ProDiet randomised controlled trial. International Journal of Cancer, 2019, 144, 1918-1928.	5.1	37
16	Association of branched-chain amino acids and other circulating metabolites with risk of incident dementia and Alzheimer's disease: A prospective study in eight cohorts. Alzheimer's and Dementia, 2018, 14, 723-733.	0.8	182
17	NAFLD risk alleles in PNPLA3, TM6SF2, GCKR and LYPLAL1 show divergent metabolic effects. Human Molecular Genetics, 2018, 27, 2214-2223.	2.9	95
18	Effect of Dietary Counseling on a Comprehensive Metabolic Profile from Childhood to Adulthood. Journal of Pediatrics, 2018, 195, 190-198.e3.	1.8	25

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19	Circulating amino acids and the risk of macrovascular, microvascular and mortality outcomes in individuals with type 2 diabetes: results from the ADVANCE trial. Diabetologia, 2018, 61, 1581-1591.	6.3	76
20	Nuclear magnetic resonance–based metabolomics identifies phenylalanine as a novel predictor of incident heart failure hospitalisation: results from PROSPER and FINRISK 1997. European Journal of Heart Failure, 2018, 20, 663-673.	7.1	47
21	Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. Circulation, 2018, 138, 2499-2512.	1.6	69
22	Biomarker Glycoprotein Acetyls Is Associated With the Risk of a Wide Spectrum of Incident Diseases and Stratifies Mortality Risk in Angiography Patients. Circulation Genomic and Precision Medicine, 2018, 11, e002234.	3.6	38
23	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. Scientific Reports, 2018, 8, 15249.	3.3	42
24	Association of circulating metabolites with healthy diet and risk of cardiovascular disease: analysis of two cohort studies. Scientific Reports, 2018, 8, 8620.	3.3	61
25	Experimental and Human Evidence for Lipocalin–2 (Neutrophil Gelatinase–Associated Lipocalin [NGAL]) in the Development of Cardiac Hypertrophy and Heart Failure. Journal of the American Heart Association, 2017, 6, .	3.7	59
26	Quantitative Serum Nuclear Magnetic Resonance Metabolomics in Large-Scale Epidemiology: A Primer on -Omic Technologies. American Journal of Epidemiology, 2017, 186, 1084-1096.	3.4	380
27	Genome-wide Association Study Identifies 27 Loci Influencing Concentrations of Circulating Cytokines and Growth Factors. American Journal of Human Genetics, 2017, 100, 40-50.	6.2	360
28	Metabolic profiling of fatty liver in young and middle–aged adults: Cross–sectional and prospective analyses of the Young Finns Study. Hepatology, 2017, 65, 491-500.	7.3	83
29	An interaction map of circulating metabolites, immune gene networks, and their genetic regulation. Genome Biology, 2017, 18, 146.	8.8	46
30	Metabolic Characterization of a Rare Genetic Variation Within <i>APOC3</i> and Its Lipoprotein Lipase–Independent Effects. Circulation: Cardiovascular Genetics, 2016, 9, 231-239.	5.1	28
31	Effects of hormonal contraception on systemic metabolism: cross-sectional and longitudinal evidence. International Journal of Epidemiology, 2016, 45, 1445-1457.	1.9	62
32	Metabolic signatures of birthweight in 18 288 adolescents and adults. International Journal of Epidemiology, 2016, 45, 1539-1550.	1.9	41
33	Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. Nature Communications, 2016, 7, 11122.	12.8	576
34	Metabolic profiling of alcohol consumption in 9778 young adults. International Journal of Epidemiology, 2016, 45, 1493-1506.	1.9	90
35	Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. BMC Medicine, 2016, 14, 205.	5.5	150
36	Metabolomic Profiling of Statin Use and Genetic Inhibition of HMG-CoA Reductase. Journal of the American College of Cardiology, 2016, 67, 1200-1210.	2.8	173

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37	Sex hormone-binding globulin associations with circulating lipids and metabolites and the risk for type 2 diabetes: observational and causal effect estimates. International Journal of Epidemiology, 2015, 44, 623-637.	1.9	83
38	Metabolite Profiling and Cardiovascular Event Risk. Circulation, 2015, 131, 774-785.	1.6	547
39	Diabetes risk and amino acid profiles: cross-sectional and prospective analyses of ethnicity, amino acids and diabetes in a South Asian and European cohort from the SABRE (Southall And Brent) Tj ETQq1 1 0.784314.3gBT /Overlock 10		
40	Quantitative Serum Nuclear Magnetic Resonance Metabolomics in Cardiovascular Epidemiology and Genetics. Circulation: Cardiovascular Genetics, 2015, 8, 192-206.	5.1	624
41	The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. Cell Systems, 2015, 1, 293-301.	6.2	179
42	Metabolic Signatures of Adiposity in Young Adults: Mendelian Randomization Analysis and Effects of Weight Change. PLoS Medicine, 2014, 11, e1001765.	8.4	271
43	Distribution and Medical Impact of Loss-of-Function Variants in the Finnish Founder Population. PLoS Genetics, 2014, 10, e1004494.	3.5	351
44	Biomarker Profiling by Nuclear Magnetic Resonance Spectroscopy for the Prediction of All-Cause Mortality: An Observational Study of 17,345 Persons. PLoS Medicine, 2014, 11, e1001606.	8.4	281
45	Cross-sectional and longitudinal associations of circulating omega-3 and omega-6 fatty acids with lipoprotein particle concentrations and sizes: population-based cohort study with 6-year follow-up. Lipids in Health and Disease, 2014, 13, 28.	3.0	10
46	High Birth Weight Is Associated With Obesity and Increased Carotid Wall Thickness in Young Adults. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1064-1068.	2.4	89
47	Branched-Chain and Aromatic Amino Acids Are Predictors of Insulin Resistance in Young Adults. Diabetes Care, 2013, 36, 648-655.	8.6	441
48	Lipoprotein Subclass Profiling Reveals Pleiotropy in the Genetic Variants of Lipid Risk Factors for Coronary Heart Disease. Journal of the American College of Cardiology, 2013, 62, 1906-1908.	2.8	52
49	Metabolic Phenotyping of Diabetic Nephropathy. Clinical Pharmacology and Therapeutics, 2013, 94, 566-569.	4.7	14
50	Long-term Leisure-time Physical Activity and Serum Metabolome. Circulation, 2013, 127, 340-348.	1.6	193
51	Fetal growth, omega-3 (nâˆ'3) fatty acids, and progression of subclinical atherosclerosis: preventing fetal origins of disease? The Cardiovascular Risk in Young Finns Study. American Journal of Clinical Nutrition, 2013, 97, 58-65.	4.7	45
52	Metabolic Signatures of Insulin Resistance in 7,098 Young Adults. Diabetes, 2012, 61, 1372-1380.	0.6	262
53	Circulating Metabolite Predictors of Glycemia in Middle-Aged Men and Women. Diabetes Care, 2012, 35, 1749-1756.	8.6	184
54	Childhood Physical, Environmental, and Genetic Predictors of Adult Hypertension. Circulation, 2012, 126, 402-409.	1.6	123

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55	Apolipoprotein B, oxidized low-density lipoprotein, and LDL particle size in predicting the incidence of metabolic syndrome: the Cardiovascular Risk in Young Finns study. European Journal of Preventive Cardiology, 2012, 19, 1296-1303.	1.8	18
56	High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. European Heart Journal, 2012, 33, 2307-2316.	2.2	141
57	Weight change and lipoprotein particle concentration and particle size: A cohort study with 6.5-year follow-up. Atherosclerosis, 2012, 223, 239-243.	0.8	32
58	Genome-wide association study identifies multiple loci influencing human serum metabolite levels. Nature Genetics, 2012, 44, 269-276.	21.4	516
59	Characterization of systemic metabolic phenotypes associated with subclinical atherosclerosis. Molecular BioSystems, 2011, 7, 385-393.	2.9	29
60	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. Nature, 2011, 478, 103-109.	27.8	1,855
61	Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. Nature Genetics, 2011, 43, 1131-1138.	21.4	501
62	Childhood Environmental and Genetic Predictors of Adulthood Obesity: The Cardiovascular Risk in Young Finns Study. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E1542-E1549.	3.6	66
63	A Differential Network Approach to Exploring Differences between Biological States: An Application to Prediabetes. PLoS ONE, 2011, 6, e24702.	2.5	33
64	Ecological succession as an energy dispersal process. BioSystems, 2010, 100, 70-78.	2.0	28
65	High-throughput serum NMR metabonomics for cost-effective holistic studies on systemic metabolism. Analyst, The, 2009, 134, 1781.	3.5	491
66	Clean HMBC: Suppression of strong-coupling induced artifacts in HMBC spectra. Journal of Magnetic Resonance, 2008, 194, 89-98.	2.1	16
67	Roots of Diversity Relations. Journal of Biophysics, 2008, 2008, 1-8.	0.8	26
68	SESAME-HSQC for simultaneous measurement of NH and CH scalar and residual dipolar couplings. Magnetic Resonance in Chemistry, 2007, 45, 289-295.	1.9	6
69	Simultaneous detection of amide and methyl correlations using a time shared NMR experiment: application to binding epitope mapping. Journal of Biomolecular NMR, 2007, 39, 97-105.	2.8	15
70	H2BC: a new technique for NMR analysis of complex carbohydrates. Carbohydrate Research, 2006, 341, 550-556.	2.3	72
71	Towards unambiguous assignment of methyl-containing residues by double and triple sensitivity-enhanced HCCmHm-TOCSY experiments. Journal of Biomolecular NMR, 2006, 36, 13-26.	2.8	8
72	A set of HA-detected experiments for measuring scalar and residual dipolar couplings. Journal of Biomolecular NMR, 2005, 31, 321-330.	2.8	12