

Peter Wurtz

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

11,248
citations

70961

41
h-index

82410

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. <i>Diabetologia</i> , 2022, 65, 140-149. | 2.9 | 25 |
| 2 | Comprehensive biomarker profiling of hypertension in 36,985 Finnish individuals. <i>Journal of Hypertension</i> , 2022, 40, 579-587. | 0.3 | 9 |
| 3 | Circulating Metabolic Biomarkers Are Consistently Associated With Type 2 Diabetes Risk in Asian and European Populations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2751-e2761. | 1.8 | 8 |
| 4 | Metabolic biomarker profiling for identification of susceptibility to severe pneumonia and COVID-19 in the general population. <i>ELife</i> , 2021, 10, . | 2.8 | 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. <i>Journal of the American Heart Association</i> , 2021, 10, e021995. | 1.6 | 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. <i>Diabetologia</i> , 2020, 63, 1637-1647. | 2.9 | 16 |
| 7 | Reply to: "Methodological issues regarding: "A third of nonfasting plasma cholesterol is in remnant lipoproteins: Lipoprotein subclass profiling in 9293 individuals". <i>Atherosclerosis</i> , 2020, 302, 59-61. | 0.4 | 10 |
| 8 | A metabolic profile of all-cause mortality risk identified in an observational study of 44,168 individuals. <i>Nature Communications</i> , 2019, 10, 3346. | 5.8 | 188 |
| 9 | Elevated serum alpha-1 antitrypsin is a major component of GlycA-associated risk for future morbidity and mortality. <i>PLoS ONE</i> , 2019, 14, e0223692. | 1.1 | 14 |
| 10 | Circulating metabolites and the risk of type 2 diabetes: a prospective study of 11,896 young adults from four Finnish cohorts. <i>Diabetologia</i> , 2019, 62, 2298-2309. | 2.9 | 141 |
| 11 | Metabolomic Signature of Angiotensin-Like Protein 3 Deficiency in Fasting and Postprandial State. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 665-674. | 1.1 | 29 |
| 12 | Metabolomics: population epidemiology and concordance in Australian children aged 11-12 years and their parents. <i>BMJ Open</i> , 2019, 9, 106-117. | 0.8 | 48 |
| 13 | Mendelian randomization reveals unexpected effects of CETP on the lipoprotein profile. <i>European Journal of Human Genetics</i> , 2019, 27, 422-431. | 1.4 | 30 |
| 14 | Circulating Metabolic Biomarkers of Screen-Detected Prostate Cancer in the ProtecT Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 208-216. | 1.1 | 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. <i>International Journal of Cancer</i> , 2019, 144, 1918-1928. | 2.3 | 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. <i>Alzheimer's and Dementia</i> , 2018, 14, 723-733. | 0.4 | 182 |
| 17 | NAFLD risk alleles in PNPLA3, TM6SF2, GCKR and LYPLAL1 show divergent metabolic effects. <i>Human Molecular Genetics</i> , 2018, 27, 2214-2223. | 1.4 | 95 |
| 18 | Effect of Dietary Counseling on a Comprehensive Metabolic Profile from Childhood to Adulthood. <i>Journal of Pediatrics</i> , 2018, 195, 190-198.e3. | 0.9 | 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. <i>Diabetologia</i> , 2018, 61, 1581-1591. | 2.9 | 76 |
| 20 | Nuclear magnetic resonance-based metabolomics identifies phenylalanine as a novel predictor of incident heart failure hospitalisation: results from PROSPER and FINRISK 1997. <i>European Journal of Heart Failure</i> , 2018, 20, 663-673. | 2.9 | 47 |
| 21 | Metabolomic Consequences of Genetic Inhibition of PCSK9 Compared With Statin Treatment. <i>Circulation</i> , 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. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002234. | 1.6 | 38 |
| 23 | Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. <i>Scientific Reports</i> , 2018, 8, 15249. | 1.6 | 42 |
| 24 | Association of circulating metabolites with healthy diet and risk of cardiovascular disease: analysis of two cohort studies. <i>Scientific Reports</i> , 2018, 8, 8620. | 1.6 | 61 |
| 25 | Experimental and Human Evidence for Lipocalin-2 (Neutrophil Gelatinase-Associated Lipocalin [NGAL]) in the Development of Cardiac Hypertrophy and Heart Failure. <i>Journal of the American Heart Association</i> , 2017, 6, . | 1.6 | 59 |
| 26 | Quantitative Serum Nuclear Magnetic Resonance Metabolomics in Large-Scale Epidemiology: A Primer on -Omic Technologies. <i>American Journal of Epidemiology</i> , 2017, 186, 1084-1096. | 1.6 | 380 |
| 27 | Genome-wide Association Study Identifies 27 Loci Influencing Concentrations of Circulating Cytokines and Growth Factors. <i>American Journal of Human Genetics</i> , 2017, 100, 40-50. | 2.6 | 360 |
| 28 | Metabolic profiling of fatty liver in young and middle-aged adults: Cross-sectional and prospective analyses of the Young Finns Study. <i>Hepatology</i> , 2017, 65, 491-500. | 3.6 | 83 |
| 29 | An interaction map of circulating metabolites, immune gene networks, and their genetic regulation. <i>Genome Biology</i> , 2017, 18, 146. | 3.8 | 46 |
| 30 | Metabolic Characterization of a Rare Genetic Variation Within <i>APOC3</i> and Its Lipoprotein Lipase-Independent Effects. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 231-239. | 5.1 | 28 |
| 31 | Effects of hormonal contraception on systemic metabolism: cross-sectional and longitudinal evidence. <i>International Journal of Epidemiology</i> , 2016, 45, 1445-1457. | 0.9 | 62 |
| 32 | Metabolic signatures of birthweight in 18,288 adolescents and adults. <i>International Journal of Epidemiology</i> , 2016, 45, 1539-1550. | 0.9 | 41 |
| 33 | Genome-wide study for circulating metabolites identifies 62 loci and reveals novel systemic effects of LPA. <i>Nature Communications</i> , 2016, 7, 11122. | 5.8 | 576 |
| 34 | Metabolic profiling of alcohol consumption in 9778 young adults. <i>International Journal of Epidemiology</i> , 2016, 45, 1493-1506. | 0.9 | 90 |
| 35 | Metabolic profiling of pregnancy: cross-sectional and longitudinal evidence. <i>BMC Medicine</i> , 2016, 14, 205. | 2.3 | 150 |
| 36 | Metabolomic Profiling of Statin Use and Genetic Inhibition of HMG-CoA Reductase. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1200-1210. | 1.2 | 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. <i>International Journal of Epidemiology</i> , 2015, 44, 623-637. | 0.9 | 83 |
| 38 | Metabolite Profiling and Cardiovascular Event Risk. <i>Circulation</i> , 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 0.784314.9gBT / Overlock 1 | 1.9 | 107 |
| 40 | Quantitative Serum Nuclear Magnetic Resonance Metabolomics in Cardiovascular Epidemiology and Genetics. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 192-206. | 5.1 | 624 |
| 41 | The Biomarker GlycA Is Associated with Chronic Inflammation and Predicts Long-Term Risk of Severe Infection. <i>Cell Systems</i> , 2015, 1, 293-301. | 2.9 | 179 |
| 42 | Metabolic Signatures of Adiposity in Young Adults: Mendelian Randomization Analysis and Effects of Weight Change. <i>PLoS Medicine</i> , 2014, 11, e1001765. | 3.9 | 271 |
| 43 | Distribution and Medical Impact of Loss-of-Function Variants in the Finnish Founder Population. <i>PLoS Genetics</i> , 2014, 10, e1004494. | 1.5 | 351 |
| 44 | Biomarker Profiling by Nuclear Magnetic Resonance Spectroscopy for the Prediction of All-Cause Mortality: An Observational Study of 17,345 Persons. <i>PLoS Medicine</i> , 2014, 11, e1001606. | 3.9 | 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. <i>Lipids in Health and Disease</i> , 2014, 13, 28. | 1.2 | 10 |
| 46 | High Birth Weight Is Associated With Obesity and Increased Carotid Wall Thickness in Young Adults. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1064-1068. | 1.1 | 89 |
| 47 | Branched-Chain and Aromatic Amino Acids Are Predictors of Insulin Resistance in Young Adults. <i>Diabetes Care</i> , 2013, 36, 648-655. | 4.3 | 441 |
| 48 | Lipoprotein Subclass Profiling Reveals Pleiotropy in the Genetic Variants of Lipid Risk Factors for Coronary Heart Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1906-1908. | 1.2 | 52 |
| 49 | Metabolic Phenotyping of Diabetic Nephropathy. <i>Clinical Pharmacology and Therapeutics</i> , 2013, 94, 566-569. | 2.3 | 14 |
| 50 | Long-term Leisure-time Physical Activity and Serum Metabolome. <i>Circulation</i> , 2013, 127, 340-348. | 1.6 | 193 |
| 51 | Fetal growth, omega-3 (n ³) fatty acids, and progression of subclinical atherosclerosis: preventing fetal origins of disease? The Cardiovascular Risk in Young Finns Study. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 58-65. | 2.2 | 45 |
| 52 | Metabolic Signatures of Insulin Resistance in 7,098 Young Adults. <i>Diabetes</i> , 2012, 61, 1372-1380. | 0.3 | 262 |
| 53 | Circulating Metabolite Predictors of Glycemia in Middle-Aged Men and Women. <i>Diabetes Care</i> , 2012, 35, 1749-1756. | 4.3 | 184 |
| 54 | Childhood Physical, Environmental, and Genetic Predictors of Adult Hypertension. <i>Circulation</i> , 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. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 1296-1303. | 0.8 | 18 |
| 56 | High-throughput quantification of circulating metabolites improves prediction of subclinical atherosclerosis. <i>European Heart Journal</i> , 2012, 33, 2307-2316. | 1.0 | 141 |
| 57 | Weight change and lipoprotein particle concentration and particle size: A cohort study with 6.5-year follow-up. <i>Atherosclerosis</i> , 2012, 223, 239-243. | 0.4 | 32 |
| 58 | Genome-wide association study identifies multiple loci influencing human serum metabolite levels. <i>Nature Genetics</i> , 2012, 44, 269-276. | 9.4 | 516 |
| 59 | Characterization of systemic metabolic phenotypes associated with subclinical atherosclerosis. <i>Molecular BioSystems</i> , 2011, 7, 385-393. | 2.9 | 29 |
| 60 | Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109. | 13.7 | 1,855 |
| 61 | Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011, 43, 1131-1138. | 9.4 | 501 |
| 62 | Childhood Environmental and Genetic Predictors of Adulthood Obesity: The Cardiovascular Risk in Young Finns Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1542-E1549. | 1.8 | 66 |
| 63 | A Differential Network Approach to Exploring Differences between Biological States: An Application to Prediabetes. <i>PLoS ONE</i> , 2011, 6, e24702. | 1.1 | 33 |
| 64 | Ecological succession as an energy dispersal process. <i>BioSystems</i> , 2010, 100, 70-78. | 0.9 | 28 |
| 65 | High-throughput serum NMR metabolomics for cost-effective holistic studies on systemic metabolism. <i>Analyst</i> , 2009, 134, 1781. | 1.7 | 491 |
| 66 | Clean HMBC: Suppression of strong-coupling induced artifacts in HMBC spectra. <i>Journal of Magnetic Resonance</i> , 2008, 194, 89-98. | 1.2 | 16 |
| 67 | Roots of Diversity Relations. <i>Journal of Biophysics</i> , 2008, 2008, 1-8. | 0.8 | 26 |
| 68 | SESAME-HSQC for simultaneous measurement of NH and CH scalar and residual dipolar couplings. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 289-295. | 1.1 | 6 |
| 69 | Simultaneous detection of amide and methyl correlations using a time shared NMR experiment: application to binding epitope mapping. <i>Journal of Biomolecular NMR</i> , 2007, 39, 97-105. | 1.6 | 15 |
| 70 | H2BC: a new technique for NMR analysis of complex carbohydrates. <i>Carbohydrate Research</i> , 2006, 341, 550-556. | 1.1 | 72 |
| 71 | Towards unambiguous assignment of methyl-containing residues by double and triple sensitivity-enhanced HCCmHm-TOCSY experiments. <i>Journal of Biomolecular NMR</i> , 2006, 36, 13-26. | 1.6 | 8 |
| 72 | A set of HA-detected experiments for measuring scalar and residual dipolar couplings. <i>Journal of Biomolecular NMR</i> , 2005, 31, 321-330. | 1.6 | 12 |