

# Robert W Koivula

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

928  
citations

567281

15  
h-index

580821

25  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2154  
citing authors

#	ARTICLE	IF	CITATIONS
1	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020, 588, 135-140.	27.8	230
2	Gene Ã— Physical Activity Interactions in Obesity: Combined Analysis of 111,421 Individuals of European Ancestry. <i>PLoS Genetics</i> , 2013, 9, e1003607.	3.5	168
3	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: rationale and design of the epidemiological studies within the IMI DIRECT Consortium. <i>Diabetologia</i> , 2014, 57, 1132-1142.	6.3	48
4	Sustained influence of metformin therapy on circulating glucagon-like peptide-1 levels in individuals with and without type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 356-363.	4.4	47
5	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. <i>PLoS Medicine</i> , 2020, 17, e1003149.	8.4	47
6	Variation in the Plasma Membrane Monoamine Transporter (PMAT) (Encoded by <i>SLC29A4</i> ) and Organic Cation Transporter 1 (OCT1) (Encoded by <i>SLC22A1</i> ) and Gastrointestinal Intolerance to Metformin in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2019, 42, 1027-1033.	8.6	43
7	Meal-induced inflammation: postprandial insights from the Personalised REsponses to Dietary Composition Trial (PREDICT) study in 1000 participants. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1028-1038.	4.7	43
8	Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study. <i>Cell Reports Medicine</i> , 2022, 3, 100477.	6.5	39
9	Bicycling to Work and Primordial Prevention of Cardiovascular Risk: A Cohort Study Among Swedish Men and Women. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	37
10	Exercise and Diabetes-Related Cardiovascular Disease: Systematic Review of Published Evidence from Observational Studies and Clinical Trials. <i>Current Diabetes Reports</i> , 2013, 13, 372-380.	4.2	27
11	Season-dependent associations of circadian rhythm-regulating loci ( <i>CRY1</i> , <i>CRY2</i> and <i>MTNR1B</i> ) and glucose homeostasis: the GLACIER Study. <i>Diabetologia</i> , 2015, 58, 997-1005.	6.3	26
12	Genetic Determinants of Long-Term Changes in Blood Lipid Concentrations: 10-Year Follow-Up of the GLACIER Study. <i>PLoS Genetics</i> , 2014, 10, e1004388.	3.5	25
13	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. <i>Journal of Hepatology</i> , 2019, 71, 594-602.	3.7	23
14	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: descriptive characteristics of the epidemiological studies within the IMI DIRECT Consortium. <i>Diabetologia</i> , 2019, 62, 1601-1615.	6.3	22
15	Profiles of Glucose Metabolism in Different Prediabetes Phenotypes, Classified by Fasting Glycemia, 2-Hour OGTT, Glycated Hemoglobin, and 1-Hour OGTT: An IMI DIRECT Study. <i>Diabetes</i> , 2021, 70, 2092-2106.	0.6	17
16	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021, 44, 511-518.	8.6	16
17	Innate biology versus lifestyle behaviour in the aetiology of obesity and type 2 diabetes: the GLACIER Study. <i>Diabetologia</i> , 2016, 59, 462-471.	6.3	13
18	The role of physical activity in metabolic homeostasis before and after the onset of type 2 diabetes: an IMI DIRECT study. <i>Diabetologia</i> , 2020, 63, 744-756.	6.3	12

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19	Whole blood co-expression modules associate with metabolic traits and type 2 diabetes: an IMI-DIRECT study. <i>Genome Medicine</i> , 2020, 12, 109.	8.2	8
20	Physical Activity in a Randomized Culturally Adapted Lifestyle Intervention. <i>American Journal of Preventive Medicine</i> , 2018, 55, 187-196.	3.0	7
21	Post-load glucose subgroups and associated metabolic traits in individuals with type 2 diabetes: An IMI-DIRECT study. <i>PLoS ONE</i> , 2020, 15, e0242360.	2.5	7
22	Genome-Wide Association Analysis of Pancreatic Beta-Cell Glucose Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 80-90.	3.6	5
23	Triglyceride-lowering LPL alleles combined with LDL-C-lowering alleles are associated with an additively improved lipoprotein profile. <i>Atherosclerosis</i> , 2021, 328, 144-152.	0.8	4
24	Apolipoprotein A-V is a potential target for treating coronary artery disease: evidence from genetic and metabolomic analyses. <i>Journal of Lipid Research</i> , 2022, , 100193.	4.2	4
25	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020, 58, 102932.	6.1	3
26	Title is missing!. , 2020, 17, e1003149.		0
27	Title is missing!. , 2020, 17, e1003149.		0
28	Title is missing!. , 2020, 17, e1003149.		0
29	Title is missing!. , 2020, 17, e1003149.		0
30	Title is missing!. , 2020, 17, e1003149.		0