

Tue H Hansen

List of Publications by Citations

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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.

82

papers

3,166

citations

29

h-index

55

g-index

89

ext. papers

4,481

ext. citations

9.4

avg, IF

5.04

L-index

#	Paper	IF	Citations
82	Greenlandic Inuit show genetic signatures of diet and climate adaptation. <i>Science</i> , 2015 , 349, 1343-7	33.3	298
81	Alterations in fecal microbiota composition by probiotic supplementation in healthy adults: a systematic review of randomized controlled trials. <i>Genome Medicine</i> , 2016 , 8, 52	14.4	290
80	Recovery of gut microbiota of healthy adults following antibiotic exposure. <i>Nature Microbiology</i> , 2018 , 3, 1255-1265	26.6	246
79	Aberrant intestinal microbiota in individuals with prediabetes. <i>Diabetologia</i> , 2018 , 61, 810-820	10.3	163
78	Gestational diabetes is associated with change in the gut microbiota composition in third trimester of pregnancy and postpartum. <i>Microbiome</i> , 2018 , 6, 89	16.6	155
77	Objective assessment of dietary patterns by use of metabolic phenotyping: a randomised, controlled, crossover trial. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 184-195	18.1	143
76	G-allele of intronic rs10830963 in MTNR1B confers increased risk of impaired fasting glycemia and type 2 diabetes through an impaired glucose-stimulated insulin release: studies involving 19,605 Europeans. <i>Diabetes</i> , 2009 , 58, 1450-6	0.9	111
75	Decreased tolbutamide-stimulated insulin secretion in healthy subjects with sequence variants in the high-affinity sulfonylurea receptor gene. <i>Diabetes</i> , 1998 , 47, 598-605	0.9	101
74	Statin therapy is associated with lower prevalence of gut microbiota dysbiosis. <i>Nature</i> , 2020 , 581, 310-315	55.4	100
73	Large-scale association analyses identify host factors influencing human gut microbiome composition. <i>Nature Genetics</i> , 2021 , 53, 156-165	36.3	80
72	Metformin-induced changes of the gut microbiota in healthy young men: results of a non-blinded, one-armed intervention study. <i>Diabetologia</i> , 2019 , 62, 1024-1035	10.3	79
71	The reasoned action approach applied to health behavior: Role of past behavior and tests of some key moderators using meta-analytic structural equation modeling. <i>Social Science and Medicine</i> , 2018 , 213, 85-94	5.1	79
70	The gut microbiome in cardio-metabolic health. <i>Genome Medicine</i> , 2015 , 7, 33	14.4	78
69	The BIGTT test: a novel test for simultaneous measurement of pancreatic beta-cell function, insulin sensitivity, and glucose tolerance. <i>Diabetes Care</i> , 2007 , 30, 257-62	14.6	77
68	Cohort Profile: the Health2006 cohort, research centre for prevention and health. <i>International Journal of Epidemiology</i> , 2014 , 43, 568-75	7.8	76
67	Mutations in HNF1A result in marked alterations of plasma glycan profile. <i>Diabetes</i> , 2013 , 62, 1329-37	0.9	74
66	Gut microbiota composition in patients with newly diagnosed bipolar disorder and their unaffected first-degree relatives. <i>Brain, Behavior, and Immunity</i> , 2019 , 75, 112-118	16.6	73

65	Identification of a common amino acid polymorphism in the p85alpha regulatory subunit of phosphatidylinositol 3-kinase: effects on glucose disappearance constant, glucose effectiveness, and the insulin sensitivity index. <i>Diabetes</i> , 1997 , 46, 494-501	0.9	69
64	Intake of macro- and micronutrients in Danish vegans. <i>Nutrition Journal</i> , 2015 , 14, 115	4.3	64
63	Treatment with a GLP-1 receptor agonist diminishes the decrease in free plasma leptin during maintenance of weight loss. <i>International Journal of Obesity</i> , 2015 , 39, 834-41	5.5	51
62	A genetic risk score of 45 coronary artery disease risk variants associates with increased risk of myocardial infarction in 6041 Danish individuals. <i>Atherosclerosis</i> , 2015 , 240, 305-10	3.1	50
61	Impact of a vegan diet on the human salivary microbiota. <i>Scientific Reports</i> , 2018 , 8, 5847	4.9	50
60	Short-chain fatty acids and gut microbiota in multiple sclerosis. <i>Acta Neurologica Scandinavica</i> , 2019 , 139, 208-219	3.8	49
59	Sequence of the Human Glycogen-Associated Regulatory Subunit of type 1 Protein Phosphatase and Analysis of Its Coding Region and mRNA Level in Muscle From Patients With NIDDM. <i>Diabetes</i> , 1994 , 43, 1234-1241	0.9	46
58	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, 1132-42	10.3	39
57	Characterization of the Met326Ile variant of phosphatidylinositol 3-kinase p85alpha. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 2124-8	11.5	38
56	Genetic risk score of 46 type 2 diabetes risk variants associates with changes in plasma glucose and estimates of pancreatic beta cell function over 5 years of follow-up. <i>Diabetes</i> , 2013 , 62, 3610-7	0.9	36
55	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	6.7	35
54	Structured exercise alters the gut microbiota in humans with overweight and obesity-A randomized controlled trial. <i>International Journal of Obesity</i> , 2020 , 44, 125-135	5.5	34
53	Imidazole propionate is increased in diabetes and associated with dietary patterns and altered microbial ecology. <i>Nature Communications</i> , 2020 , 11, 5881	17.4	29
52	Estimating the causal effect of body mass index on hay fever, asthma and lung function using Mendelian randomization. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 153-164	2.3	28
51	Sharing data for future research-engaging participants' views about data governance beyond the original project: a DIRECT Study. <i>Genetics in Medicine</i> , 2019 , 21, 1131-1138	8.1	21
50	Maternal and fetal genetic contribution to gestational weight gain. <i>International Journal of Obesity</i> , 2018 , 42, 775-784	5.5	19
49	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	11.6	18
48	One-carbon metabolism markers are associated with cardiometabolic risk factors. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018 , 28, 402-410	4.5	17

47	Bone turnover, calcium homeostasis, and vitamin D status in Danish vegans. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 1046-1054	5.2	17
46	The effect of drinking water pH on the human gut microbiota and glucose regulation: results of a randomized controlled cross-over intervention. <i>Scientific Reports</i> , 2018 , 8, 16626	4.9	16
45	Motivations for data sharing-views of research participants from four European countries: A DIRECT study. <i>European Journal of Human Genetics</i> , 2019 , 27, 721-729	5.3	14
44	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	10.3	14
43	Trans-ethnic gut microbial signatures of prediabetic subjects from India and Denmark. <i>Genome Medicine</i> , 2021 , 13, 36	14.4	13
42	Trans-ethnic gut microbiota signatures of type 2 diabetes in Denmark and India. <i>Genome Medicine</i> , 2021 , 13, 37	14.4	12
41	Genetic risk scores for body fat distribution attenuate weight loss in women during dietary intervention. <i>International Journal of Obesity</i> , 2018 , 42, 370-375	5.5	12
40	Combinatorial, additive and dose-dependent drug-microbiome associations. <i>Nature</i> , 2021 ,	50.4	11
39	Serum Short-Chain Fatty Acids and Associations With Inflammation in Newly Diagnosed Patients With Multiple Sclerosis and Healthy Controls. <i>Frontiers in Immunology</i> , 2021 , 12, 661493	8.4	11
38	Trait Self-Control, Social Cognition Constructs, and Intentions: Correlational Evidence for Mediation and Moderation Effects in Diverse Health Behaviours. <i>Applied Psychology: Health and Well-Being</i> , 2019 , 11, 407-437	6.8	10
37	Homozygous carriers of the TCF7L2 rs7903146 T-allele show altered postprandial response in triglycerides and triglyceride-rich lipoproteins. <i>Scientific Reports</i> , 2017 , 7, 43128	4.9	9
36	Large-scale association analyses identify host factors influencing human gut microbiome composition		9
35	Gestational diabetes and the human salivary microbiota: a longitudinal study during pregnancy and postpartum. <i>BMC Pregnancy and Childbirth</i> , 2020 , 20, 69	3.2	8
34	Gut microbiota profile and selected plasma metabolites in type 1 diabetes without and with stratification by albuminuria. <i>Diabetologia</i> , 2020 , 63, 2713-2724	10.3	8
33	Genetic predisposition to adiposity is associated with increased objectively assessed sedentary time in young children. <i>International Journal of Obesity</i> , 2018 , 42, 111-114	5.5	6
32	Chronic pancreatitis and extrapancreatic cancer: a retrospective study among 181 patients with chronic pancreatitis. <i>International Journal of Gastrointestinal Cancer</i> , 1995 , 18, 235-9		6
31	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021 , 44, 511-518	14.6	6
30	Association studies of genetic scores of serum vitamin B12 and folate levels with symptoms of depression and anxiety in two danish population studies. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 1054-1060	5.2	5

29	Factors influencing the reliability of oral contraceptives. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 1997 , 76, 61-4	3.8	5
28	Serum Diazepam and Serum Creatine Kinase after Intra-muscular Injection of Diazepam in Two Different Vehicles. <i>Acta Anaesthesiologica Scandinavica</i> , 1978 , 22, 91-95	1.9	5
27	No influence of sugar, snacks and fast food intake on the degree of obesity or treatment effect in childhood obesity. <i>Pediatric Obesity</i> , 2016 , 11, 506-512	4.6	5
26	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	10.3	4
25	Genetics of metabolic traits in Greenlanders: lessons from an isolated population. <i>Journal of Internal Medicine</i> , 2018 , 284, 464-477	10.8	4
24	Impact of PTBP1 rs11085226 on glucose-stimulated insulin release in adult Danes. <i>BMC Medical Genetics</i> , 2015 , 16, 17	2.1	4
23	Comparative Studies of the Gut Microbiota in the Offspring of Mothers With and Without Gestational Diabetes. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 536282	5.9	4
22	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	0.9	4
21	Microbiome and metabolome features of the cardiometabolic disease spectrum.. <i>Nature Medicine</i> , 2022 ,	50.5	4
20	Impact of rs361072 in the phosphoinositide 3-kinase p110beta gene on whole-body glucose metabolism and subunit protein expression in skeletal muscle. <i>Diabetes</i> , 2010 , 59, 1108-12	0.9	3
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	14.4	3
18	Birth weight variants are associated with variable fetal intrauterine growth from 20 weeks of gestation. <i>Scientific Reports</i> , 2018 , 8, 8376	4.9	3
17	Affective disorders impact prevalence of Flavonifactor and abundance of Christensenellaceae in gut microbiota. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 110, 110300	5.5	3
16	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	3.7	2
15	Dietary metabolite profiling brings new insight into the relationship between nutrition and metabolic risk: An IMI DIRECT study. <i>EBioMedicine</i> , 2020 , 58, 102932	8.8	2
14	H-MRS measured ectopic fat in liver and muscle is associated with the metabolic syndrome in Danish girls but not in boys with overweight and obesity. <i>Obesity Science and Practice</i> , 2016 , 2, 376-384	2.6	2
13	Clinical profiles of post-load glucose subgroups and their association with glycaemic traits over time: An IMI-DIRECT study. <i>Diabetic Medicine</i> , 2021 , 38, e14428	3.5	2
12	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	18	1

11	Personality, motivational, and social cognition predictors of leisure-time physical activity. <i>Psychology of Sport and Exercise</i> , 2022 , 60, 102135	4.2	1
10	The intestinal microbiome is a co-determinant of the postprandial plasma glucose response. <i>PLoS ONE</i> , 2020 , 15, e0238648	3.7	1
9	Circulating levels of tight junction proteins in multiple sclerosis: Association with inflammation and disease activity before and after disease modifying therapy. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 54, 103136	4	1
8	Predictors of school students leisure-time physical activity: An extended trans-contextual model using Bayesian path analysis. <i>PLoS ONE</i> , 2021 , 16, e0258829	3.7	0
7	Conjugated C-6 hydroxylated bile acids in serum relate to human metabolic health and gut Clostridia species. <i>Scientific Reports</i> , 2021 , 11, 13252	4.9	0
6	Serum Diazepam and Serum Creatine Kinase after Intra-muscular Injection of Diazepam in Two Different Vehicles. <i>Acta Anaesthesiologica Scandinavica</i> , 1978 , 22, 91-95	1.9	
5	Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts 2020 , 17, e1003149		
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