Irene G M Van Valkengoed

List of Publications by Year
in descending order

115 papers	18,328 citations	147801 31 h-index	22166 113 g-index
119 all docs	119 docs citations	119 times ranked	31233 citing authors

#	Article	IF	Citations
1	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128Â·9 million children, adolescents, and adults. Lancet, The, 2017, 390, 2627-2642.	13.7	5,010
2	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19Â·2 million participants. Lancet, The, 2016, 387, 1377-1396.	13.7	3,941
3	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4Â·4 million participants. Lancet, The, 2016, 387, 1513-1530.	13.7	2,842
4	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19Â·1 million participants. Lancet, The, 2017, 389, 37-55.	13.7	1,667
5	Combination Antiretroviral Therapy and the Risk of Myocardial Infarction. New England Journal of Medicine, 2003, 349, 1993-2003.	27.0	1,560
6	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. Nature, 2019, 569, 260-264.	27.8	469
7	Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. Lancet, The, 2020, 396, 1511-1524.	13.7	219
8	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331â€ˆ288 participants. Lancet Diabetes and Endocrinology,the, 2015, 3, 624-637.	11.4	139
9	Repositioning of the global epicentre of non-optimal cholesterol. Nature, 2020, 582, 73-77.	27.8	138
10	Effectiveness of Cultural Adaptations of Interventions Aimed at Smoking Cessation, Diet, and/or Physical Activity in Ethnic Minorities. A Systematic Review. PLoS ONE, 2013, 8, e73373.	2.5	117
11	Women have lower chances than men to be resuscitated and survive out-of-hospital cardiac arrest. European Heart Journal, 2019, 40, 3824-3834.	2.2	108
12	Prevalence of diabetes mellitus and the performance of a risk score among Hindustani Surinamese, African Surinamese and ethnic Dutch: a cross-sectional population-based study. BMC Public Health, 2008, 8, 271.	2.9	101
13	Overestimation of complication rates in evaluations of Chlamydia trachomatis screening programmes--implications for cost-effectiveness analyses. International Journal of Epidemiology, 2004, 33, 416-425.	1.9	87
14	Mailed, Home-Obtained Urine Specimens: a Reliable Screening Approach for Detecting Asymptomatic Chlamydia trachomatis Infections. Journal of Clinical Microbiology, 1999, 37, 976-980.	3.9	73
15	Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. International Journal of Epidemiology, 2018, 47, 872-883i.	1.9	65
16	Risk for breast cancer among women with endometriosis. International Journal of Cancer, 2007, 120, 1372-1375.	5.1	59
17	Diabetes Prevalence in Populations of South Asian Indian and African Origins. Epidemiology, 2011, 22, 563-567.	2.7	57
18	Socio-economic differences in incidence, bystander cardiopulmonary resuscitation and survival from out-of-hospital cardiac arrest: A systematic review. Resuscitation, 2019, 141, 44-62.	3.0	57

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19	Cost effectiveness analysis of a population based screening programme for asymptomatic Chlamydia trachomatis infections in women by means of home obtained urine specimens. Sexually Transmitted Infections, 2001, 77, 276-282.	1.9	55
20	Factors associated with hypertension awareness, treatment and control among ethnic groups in Amsterdam, The Netherlands: The SUNSET study. Journal of Human Hypertension, 2006, 20, 874-881.	2.2	51
21	The Association of Handgrip Strength and Type 2 Diabetes Mellitus in Six Ethnic Groups: An Analysis of the HELIUS Study. PLoS ONE, 2015, 10, e0137739.	2.5	51
22	Intensive Lifestyle Intervention in General Practice to Prevent Type 2 Diabetes among 18 to 60-Year-Old South Asians: 1-Year Effects on the Weight Status and Metabolic Profile of Participants in a Randomized Controlled Trial. PLoS ONE, 2013, 8, e68605.	2.5	49
23	Case Finding and Medical Treatment of Type 2 Diabetes among Different Ethnic Minority Groups: The HELIUS Study. Journal of Diabetes Research, 2017, 2017, 1-8.	2.3	49
24	Effects of Active Treatment Discontinuation in Patients With a CD4+ T-Cell Nadir Greater Than 350 Cells/mm3. Journal of Acquired Immune Deficiency Syndromes (1999), 2007, 44, 395-400.	2.1	46
25	Low diagnostic accuracy of selective screening criteria for asymptomatic Chlamydia trachomatis infections in the general population. Sexually Transmitted Infections, 2000, 76, 375-380.	1.9	43
26	Determination of Chlamydia trachomatis Prevalence in an Asymptomatic Screening Population: Performances of the LCx and COBAS Amplicor Tests with Urine Specimens. Journal of Clinical Microbiology, 1999, 37, 3092-3096.	3.9	42
27	Effects of dietary and physical activity interventions on the risk of type 2 diabetes in South Asians: meta-analysis of individual participant data from randomised controlled trials. Diabetologia, 2019, 62, 1337-1348.	6.3	40
28	Association Between CNDP1 Genotype and Diabetic Nephropathy Is Sex Specific. Diabetes, 2010, 59, 1555-1559.	0.6	39
29	Mortality and Cardiovascular Risk in Patients With a History of Malignant Hypertension: A Caseâ€Control Study. Journal of Clinical Hypertension, 2014, 16, 122-126.	2.0	38
30	Genotyping of Chlamydia trachomatis in Urine Specimens Will Facilitate Large Epidemiological Studies. Journal of Clinical Microbiology, 1998, 36, 3077-3078.	3.9	38
31	Do ethnic inequalities in multimorbidity reflect ethnic differences in socioeconomic status? The HELIUS study. European Journal of Public Health, 2019, 29, 687-693.	0.3	34
32	Risk of death after first admission for cardiovascular diseases by country of birth in The Netherlands: a nationwide record-linked retrospective cohort study. Heart, 2009, 95, 747-753.	2.9	33
33	Lower frequency of the 5/5 homozygous CNDP1 genotype in South Asian Surinamese. Diabetes Research and Clinical Practice, 2009, 85, 272-278.	2.8	32
34	Impact of intensified testing for urogenital Chlamydia trachomatis infections: a randomised study with 9-year follow-up. Sexually Transmitted Infections, 2011, 87, 156-161.	1.9	31
35	Newly Proposed Body Adiposity Index (BAI) by Bergman et al. Is Not Strongly Related to Cardiovascular Health Risk. Obesity, 2012, 20, 1138-1139.	3.0	31
36	Educational inequalities in metabolic syndrome vary by ethnic group: Evidence from the SUNSET study. International Journal of Cardiology, 2010, 141, 266-274.	1.7	30

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37	Motivational factors mediating the association between acculturation and participation in sport among young Turkish and Moroccan women in the Netherlands. Preventive Medicine, 2008, 47, 95-100.	3.4	29
38	Prevalence and determinants of prehypertension among African Surinamese, Hindustani Surinamese, and White Dutch in Amsterdam, the Netherlands: the SUNSET study. European Journal of Cardiovascular Prevention and Rehabilitation, 2007, 14, 775-781.	2.8	28
39	Feasibility and effectiveness of a targeted diabetes prevention program for 18 to 60-year-old South Asian migrants: design and methods of the DH!AAN study. BMC Public Health, 2012, 12, 371.	2.9	28
40	Sex Differences in the Association Between Serum Ferritin and Fasting Glucose in Type 2 Diabetes Among South Asian Surinamese, African Surinamese, and Ethnic Dutch: The population-based SUNSET study. Diabetes Care, 2013, 36, 965-971.	8.6	28
41	The association of physical inactivity with Typeâ€ƒ2 diabetes among different ethnic groups. Diabetic Medicine, 2011, 28, 668-672.	2.3	27
42	Ethnic disparities in the association of impaired fasting glucose with the 10-year cumulative incidence of type 2 diabetes. Diabetes Research and Clinical Practice, 2014, 103, 127-132.	2.8	27
43	Creatine kinase is associated with failure of hypertension treatment. Journal of Hypertension, 2013, 31, 1025-1031.	0.5	25
44	A new tool, a better tool? Prevalence and performance of the International Diabetes Federation and the National Cholesterol Education Program criteria for metabolic syndrome in different ethnic groups. European Journal of Epidemiology, 2008, 23, 37-44.	5.7	24
45	Dutch versus English advantage in the epidemic of central and generalised obesity is not shared by ethnic minority groups: comparative secondary analysis of cross-sectional data. International Journal of Obesity, 2011, 35, 1334-1346.	3.4	24
46	Creatine kinase as a marker of obesity in a multi-ethnic population. Molecular and Cellular Endocrinology, 2017, 442, 24-31.	3.2	24
47	The impact of a social network based intervention on self-management behaviours among patients with type 2 diabetes living in socioeconomically deprived neighbourhoods: a mixed methods approach. Scandinavian Journal of Public Health, 2017, 45, 569-583.	2.3	24
48	Transient Lowering of the Viral Set Point After Temporary Antiretroviral Therapy of Primary HIV Type 1 Infection. AIDS Research and Human Retroviruses, 2010, 26, 379-387.	1.1	23
49	Ethnic differences in metabolite signatures and type 2 diabetes: a nested caseâ€“control analysis among people of South Asian, African and European origin. Nutrition and Diabetes, 2017, 7, 300.	3.2	23
50	Development of a diabetes prevention program for Surinamese South Asians in the Netherlands. Health Promotion International, 2014, 29, 680-691.	1.8	20
51	Heterogeneity in sex differences in the metabolic syndrome in Dutch white, Surinamese African and South Asian populations. Diabetic Medicine, 2012, 29, 1159-1164.	2.3	19
52	Large ethnic variations in recommended physical activity according to activity domains in amsterdam, the netherlands. International Journal of Behavioral Nutrition and Physical Activity, 2010, 7, 85.	4.6	18
53	The association of leisure-time physical activity and active commuting with measures of socioeconomic position in a multiethnic population living in the Netherlands: results from the cross-sectional SUNSET study. BMC Public Health, 2012, 12, 815.	2.9	18
54	Dietary and physical activity recommendations to prevent type 2 diabetes in South Asian adults: A systematic review. PLoS ONE, 2018, 13, e0200681.	2.5	17

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55	The role of body weight, fat distribution and weight change in ethnic differences in the 9-year incidence of hypertension. Journal of Hypertension, 2014, 32, 990-997.	0.5	16
56	Contributions of amino acid, acylcarnitine and sphingolipid profiles to type 2 diabetes risk among South-Asian Surinamese and Dutch adults. BMJ Open Diabetes Research and Care, 2020, 8, e001003.	2.8	16
57	Are RGS2 Gene Polymorphisms Associated With High Blood Pressure in an Ethnicity- and Gender-Specific Manner?. American Journal of Hypertension, 2009, 22, 80-86.	2.0	15
58	Contribution of type 2 diabetes to all-cause mortality, cardiovascular disease incidence and cancer incidence in white Europeans and South Asians: findings from the UK Biobank population-based cohort study. BMJ Open Diabetes Research and Care, 2019, 7, e000765.	2.8	15
59	Screening South Asians for type 2 diabetes and prediabetes: (1) comparing oral glucose tolerance and haemoglobin A1c test results and (2) comparing the two sets of metabolic profiles of individuals diagnosed with these two tests. BMC Endocrine Disorders, 2013, 13, 8.	2.2	14
60	A cross-national comparative study of metabolic syndrome among non-diabetic Dutch and English ethnic groups. European Journal of Public Health, 2013, 23, 447-452.	0.3	14
61	Gender Disparities in Hypertension Among Different Ethnic Groups in Amsterdam, The Netherlands: The SUNSET Study. American Journal of Hypertension, 2008, 21, 1001-1006.	2.0	13
62	Sex difference in blood pressure among South Asian diaspora in Europe and North America and the role of BMI: a meta-analysis. Journal of Human Hypertension, 2011, 25, 407-417.	2.2	13
63	Effectiveness of a targeted lifestyle intervention in primary care on diet and physical activity among South Asians at risk for diabetes: 2-year results of a randomised controlled trial in the Netherlands. BMJ Open, 2017, 7, e012221.	1.9	13
64	Disappointing Performance of Literature-Derived Selective Screening Criteria for Asymptomatic Chlamydia trachomatis Infection in an Inner-City Population. Sexually Transmitted Diseases, 2000, 27, 504-507.	1.7	12
65	Follow-up, treatment, and reinfection rates among asymptomatic chlamydia trachomatis cases in general practice. British Journal of General Practice, 2002, 52, 623-7.	1.4	12
66	Total physical activity might not be a good measure in the relationship with HDL cholesterol and triglycerides in a multi-ethnic population: a cross-sectional study. Lipids in Health and Disease, 2011, 10, 223.	3.0	11
67	Ethnic differences in discrepancies between self-reported and measured weight, height and body mass index. European Journal of Public Health, 2011, 21, 420-423.	0.3	11
68	Cross national study of leisure-time physical activity in Dutch and English populations with ethnic group comparisons. European Journal of Public Health, 2013, 23, 440-446.	0.3	11
69	The high risk for type 2 diabetes among ethnic minority populations is not explained by low-grade inflammation. Scientific Reports, 2019, 9, 19871.	3.3	11
70	Ethnic differences in metabolic cardiovascular risk among normal weight individuals: Implications for cardiovascular risk screening. The HELIUS study. Nutrition, Metabolism and Cardiovascular Diseases, 2019, 29, 15-22.	2.6	11
71	Sex differences in the association of sphingolipids with age in Dutch and South-Asian Surinamese living in Amsterdam, the Netherlands. Biology of Sex Differences, 2021, 12, 13.	4.1	11
72	Value of Selfâ€Reportable Screening Criteria to Identify Asymptomatic Individuals in the General Population for UrogentialChlamydia trachomatisInfection Screening. Clinical Infectious Diseases, 2003, 36, 837-844.	5.8	10

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73	Risk perception is not associated with attendance at a preventive intervention for type 2 diabetes mellitus among South Asians at risk of diabetes. Public Health Nutrition, 2015, 18, 1109-1118.	2.2	10
74	Does a High Sugar High Fat Dietary Pattern Explain the Unequal Burden in Prevalence of Type 2 Diabetes in a Multi-Ethnic Population in The Netherlands? The HELIUS Study. Nutrients, 2018, 10, 92.	4.1	10
75	Sarcopenia and its relation to protein intake across older ethnic populations in the Netherlands: the HELIUS study. Ethnicity and Health, 2022, 27, 705-720.	2.5	10
76	Lifestyle clusters related to type 2 diabetes and diabetes risk in a multi-ethnic population: The HELIUS study. Preventive Medicine, 2020, 137, 106141.	3.4	10
77	Do questions on sexual behaviour and the method of sample collection affect participation in a screening programme for asymptomatic Chlamydia trachomatis infections in primary care?. International Journal of STD and AIDS, 2002, 13, 36-38.	1.1	9
78	Social and cultural factors underlying generational differences in overweight: a cross-sectional study among ethnic minorities in the Netherlands. BMC Public Health, 2011, 11, 105.	2.9	9
79	Ethnic differences in infectious burden and the association with metabolic risk factors for cardiovascular disease: a cross-sectional analysis. BMC Public Health, 2018, 18, 276.	2.9	9
80	Harmonization of the definition of sudden cardiac death in longitudinal cohorts of the European Sudden Cardiac Arrest network â€“ towards Prevention, Education, and New Effective Treatments (ESCAPE-NET) consortium. American Heart Journal, 2022, 245, 117-125.	2.7	9
81	Do sex differences in the prevalence of ECG abnormalities vary across ethnic groups living in the Netherlands? A cross-sectional analysis of the population-based HELIUS study. BMJ Open, 2020, 10, e039091.	1.9	8
82	Partner notification among asymptomatic Chlamydia trachomatis cases, by means of mailed specimens. British Journal of General Practice, 2002, 52, 652-4.	1.4	8
83	Ethnic differences in the association between waist-to-height ratio and albumin-creatinine ratio: the observational SUNSET study. BMC Nephrology, 2012, 13, 26.	1.8	7
84	Gender-related characteristics and disparities in estimated cardiovascular disease risk in a multi-ethnic general population: The HELIUS study. International Journal of Cardiology, 2021, 327, 193-200.	1.7	7
85	Developing a realist informed framework for cultural adaptation of lifestyle interventions for the prevention of type 2 diabetes in South Asian populations in Europe. Diabetic Medicine, 2021, 38, e14584.	2.3	7
86	Socioeconomic Differences in Sympathovagal Balance: The Healthy Life in an Urban Setting Study. Psychosomatic Medicine, 2021, 83, 16-23.	2.0	7
87	Differences in Body Fat Distribution Play a Role in the Lower Levels of Elevated Fasting Glucose amongst Ghanaian Migrant Women Compared to Men. PLoS ONE, 2013, 8, e66516.	2.5	7
88	Association of physical activity, smoking, and alcohol intake with CVD-related hospital discharge in people of European, South Asian, or African descent. European Journal of Preventive Cardiology, 2013, 20, 80-88.	1.8	6
89	The Uptake of Screening for Type 2 Diabetes and Prediabetes by Means of Glycated Hemoglobin versus the Oral Glucose Tolerance Test among 18 to 60-Year-Old People of South Asian Origin: A Comparative Study. PLoS ONE, 2015, 10, e0136734.	2.5	6
90	Dietary and physical activity strategies to prevent type 2 diabetes in South Asian adults: protocol for a systematic review. BMJ Open, 2017, 7, e012783.	1.9	6

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91	Effects of a lifestyle intervention programme after 1 year of follow-up among South Asians at high risk of type 2 diabetes: a cluster randomised controlled trial. BMJ Global Health, 2021, 6, e006479.	4.7	6
92	Are "functionally related polymorphisms" of renin-angiotensin-aldosterone system gene polymorphisms associated with hypertension?. BMC Cardiovascular Disorders, 2010, 10, 23.	1.7	5
93	Ethnic differences in self-rated overweight and association with reporting weight loss action: the SUNSET study. European Journal of Public Health, 2012, 22, 859-863.	0.3	5
94	Vitamin D status partly explains ethnic differences in blood pressure. Journal of Hypertension, 2012, 30, 1581-1587.	0.5	5
95	Eligibility for cardiovascular risk screening among different ethnic groups: The HELIUS study. European Journal of Preventive Cardiology, 2020, 27, 1204-1211.	1.8	5
96	Patient perspectives on priorities for research on conventional and sex- and gender-related cardiovascular risk factors. Netherlands Heart Journal, 2020, 28, 656-661.	0.8	5
97	The association between gender-related characteristics and type 2 diabetes risk in a multi-ethnic population: The HELIUS study. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 142-150.	2.6	5
98	Sex differences in incidence of out-of-hospital cardiac arrest across ethnic and socioeconomic groups: A population-based cohort study in the Netherlands. International Journal of Cardiology, 2021, 343, 156-161.	1.7	5
99	Plasma Cholesteryl Ester Fatty Acids do not Mediate the Association of Ethnicity with Type 2 Diabetes: Results From the HELIUS Study. Molecular Nutrition and Food Research, 2018, 62, 1700528.	3.3	4
100	The Association of Acylcarnitines and Amino Acids With Age in Dutch and South-Asian Surinamese Living in Amsterdam. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3783-3791.	3.6	4
101	The contribution of obesity to the population burden of high metabolic cardiovascular risk among different ethnic groups. The HELIUS study. European Journal of Public Health, 2020, 30, 322-327.	0.3	4
102	The acceptability and effect of a culturally-tailored dance intervention to promote physical activity in women of South Asian origin at risk of diabetes in the Netherlandsâ€"A mixed-methods feasibility study. PLoS ONE, 2022, 17, e0264191.	2.5	4
103	Prevalence of Microalbuminuria and Its Association with Pulse Pressure in a Multi-Ethnic Population in Amsterdam, The Netherlands. Kidney and Blood Pressure Research, 2008, 31, 38-46.	2.0	3
104	Estimation of cardiovascular risk based on total cholesterol versus total cholesterol/high-density lipoprotein within different ethnic groups: The HELIUS study. European Journal of Preventive Cardiology, 2019, 26, 1888-1896.	1.8	3
105	The angiotensin converting enzyme insertion/deletion polymorphism and differences in fasting plasma glucose in Hindustani Surinamese, African Surinamese and ethnic Dutch: The population-based SUNSET-study. Diabetes Research and Clinical Practice, 2008, 81, e12-e14.	2.8	2
106	Serum carotenoid concentrations and their association with ethnic differences in type 2 diabetes within the Healthy Life in an Urban Setting (HELIUS) study. Public Health Nutrition, 2021, 24, 1362-1371.	2.2	2
107	Dietary Protein Intake in Older Adults from Ethnic Minorities in the Netherlands, a Mixed Methods Approach. Nutrients, 2021, 13, 184.	4.1	2
108	Performance of Risk Assessment Models for Prevalent or Undiagnosed Type 2 Diabetes Mellitus in a Multi-Ethnic Populationâ€"The Helius Study. Global Heart, 2021, 16, 13.	2.3	2

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109	Immunological Analysis of Treatment Interruption After Early Highly Active Antiretroviral Therapy. Viral Immunology, 2010, 23, 609-618.	1.3	1
110	How can we realise the potentially large public health benefit of screening for type 2 diabetes mellitus in south Asians?. Diabetologia, 2011, 54, 2214-2216.	6.3	1
111	Can we better understand sudden cardiac death by including data from unwitnessed victims?. Europace, 2021, 23, 819-820.	1.7	1
112	Behavioral Circadian Timing System Disruptors and Incident Type 2 Diabetes in a Nonshift Working Multiethnic Population. Obesity, 2020, 28, S55-S62.	3.0	1
113	The iHealth-T2D study, prevention of type 2 diabetes amongst South Asians with central obesity and prediabetes: study protocol for a randomised controlled trial. Trials, 2021, 22, 928.	1.6	1
114	Is the Association Between Education and Sympathovagal Balance Mediated by Chronic Stressors?. International Journal of Behavioral Medicine, 2021, , 1.	1.7	0
115	Re: Duplicate Publication. Sexually Transmitted Diseases, 2001, 28, 496.	1.7	0