

# Rachel Dankner

## List of Publications by Year in descending order

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Version: 2024-02-01

121  
papers

31,144  
citations

81900

39  
h-index

17592

121  
g-index

133  
all docs

133  
docs citations

133  
times ranked

46542  
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 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 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 19.2 million participants. <i>Lancet, The</i> , 2016, 387, 1377-1396.	13.7	3,941
3	Diabetes mellitus, fasting blood glucose concentration, and risk of vascular disease: a collaborative meta-analysis of 102 prospective studies. <i>Lancet, The</i> , 2010, 375, 2215-2222.	13.7	3,807
4	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , 2016, 387, 1513-1530.	13.7	2,842
5	C-reactive protein concentration and risk of coronary heart disease, stroke, and mortality: an individual participant meta-analysis. <i>Lancet, The</i> , 2010, 375, 132-140.	13.7	1,946
6	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19.1 million participants. <i>Lancet, The</i> , 2017, 389, 37-55.	13.7	1,667
7	Worldwide trends in hypertension prevalence and progress in treatment and control from 1990 to 2019: a pooled analysis of 1201 population-representative studies with 104 million participants. <i>Lancet, The</i> , 2021, 398, 957-980.	13.7	1,289
8	Lipoprotein(a) Concentration and the Risk of Coronary Heart Disease, Stroke, and Nonvascular Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 412.	7.4	1,279
9	Separate and combined associations of body-mass index and abdominal adiposity with cardiovascular disease: collaborative analysis of 58 prospective studies. <i>Lancet, The</i> , 2011, 377, 1085-1095.	13.7	941
10	C-Reactive Protein, Fibrinogen, and Cardiovascular Disease Prediction. <i>New England Journal of Medicine</i> , 2012, 367, 1310-1320.	27.0	909
11	National, regional, and global trends in systolic blood pressure since 1980: systematic analysis of health examination surveys and epidemiological studies with 786 country-years and 5.4 million participants. <i>Lancet, The</i> , 2011, 377, 568-577.	13.7	884
12	Insulin Resistance and Hyperinsulinemia. <i>Diabetes Care</i> , 2008, 31, S262-S268.	8.6	611
13	Triglyceride-mediated pathways and coronary disease: collaborative analysis of 101 studies. <i>Lancet, The</i> , 2010, 375, 1634-1639.	13.7	606
14	Cardiovascular disease, chronic kidney disease, and diabetes mortality burden of cardiometabolic risk factors from 1980 to 2010: a comparative risk assessment. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 634-647.	11.4	591
15	The Age-Specific Quantitative Effects of Metabolic Risk Factors on Cardiovascular Diseases and Diabetes: A Pooled Analysis. <i>PLoS ONE</i> , 2013, 8, e65174.	2.5	496
16	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. <i>Nature</i> , 2019, 569, 260-264.	27.8	469
17	Adult height and the risk of cause-specific death and vascular morbidity in 1 million people: individual participant meta-analysis. <i>International Journal of Epidemiology</i> , 2012, 41, 1419-1433.	1.9	230
18	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. <i>Lancet, The</i> , 2020, 396, 1511-1524.	13.7	219

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19	Rehabilitation outcome of elderly patients after a first stroke: Effect of cognitive status at admission on the functional outcome. <i>Archives of Physical Medicine and Rehabilitation</i> , 2002, 83, 742-749.	0.9	200
20	Cardiovascular Risk Factors Associated With Venous Thromboembolism. <i>JAMA Cardiology</i> , 2019, 4, 163.	6.1	187
21	Glycated Hemoglobin Measurement and Prediction of Cardiovascular Disease. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1225.	7.4	179
22	The Emerging Risk Factors Collaboration: analysis of individual data on lipid, inflammatory and other markers in over 1.1 million participants in 104 prospective studies of cardiovascular diseases. <i>European Journal of Epidemiology</i> , 2007, 22, 839-869.	5.7	153
23	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331 288 participants. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 624-637.	11.4	139
24	Repositioning of the global epicentre of non-optimal cholesterol. <i>Nature</i> , 2020, 582, 73-77.	27.8	138
25	Cardiovascular and all-cause mortality in relation to various anthropometric measures of obesity in Europeans. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 295-304.	2.6	122
26	Basal-State Hyperinsulinemia in Healthy Normoglycemic Adults Is Predictive of Type 2 Diabetes Over a 24-Year Follow-Up. <i>Diabetes Care</i> , 2009, 32, 1464-1466.	8.6	116
27	Comparison of various surrogate obesity indicators as predictors of cardiovascular mortality in four European populations. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 1298-1302.	2.9	116
28	Statistical methods for the time-to-event analysis of individual participant data from multiple epidemiological studies. <i>International Journal of Epidemiology</i> , 2010, 39, 1345-1359.	1.9	110
29	Time-Dependent Risk of Cancer After a Diabetes Diagnosis in a Cohort of 2.3 Million Adults. <i>American Journal of Epidemiology</i> , 2016, 183, 1098-1106.	3.4	105
30	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. <i>European Heart Journal</i> , 2019, 40, 621-631.	2.2	97
31	Petition to replace current OGTT criteria for diagnosing prediabetes with the 1-hour post-load plasma glucose $\geq 155$ mg/dl (8.6 mmol/L). <i>Diabetes Research and Clinical Practice</i> , 2018, 146, 18-33.	2.8	71
32	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. <i>International Journal of Epidemiology</i> , 2018, 47, 872-883i.	1.9	65
33	Waist circumference vs body mass index in association with cardiorespiratory fitness in healthy men and women: a cross sectional analysis of 403 subjects. <i>Nutrition Journal</i> , 2013, 12, 12.	3.4	55
34	One-hour post-load plasma glucose level during the <scp>OGTT</scp> predicts mortality: observations from the Israel Study of Glucose Intolerance, Obesity and Hypertension. <i>Diabetic Medicine</i> , 2016, 33, 1060-1066.	2.3	54
35	One-hour post-load plasma glucose level during the OGTT predicts dysglycemia. <i>Diabetes Research and Clinical Practice</i> , 2016, 120, 221-228.	2.8	49
36	Elevated 1-hour plasma glucose levels are associated with dysglycemia, impaired beta-cell function, and insulin sensitivity: a pilot study from a real world health care setting. <i>Endocrine</i> , 2016, 52, 172-175.	2.3	49

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37	Predictors of cardiac and noncardiac mortality among 14,697 patients with coronary heart disease. <i>American Journal of Cardiology</i> , 2003, 91, 121-127.	1.6	45
38	Cardiovascular adverse events associated with hydroxychloroquine and chloroquine: A comprehensive pharmacovigilance analysis of preâ€œCOVIDâ€œ19 reports. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1432-1442.	2.4	45
39	The 1-hour post-load glucose level is more effective than HbA1c for screening dysglycemia. <i>Acta Diabetologica</i> , 2016, 53, 543-550.	2.5	44
40	Use of Repeated Blood Pressure and Cholesterol Measurements to Improve Cardiovascular Disease Risk Prediction: An Individual-Participant-Data Meta-Analysis. <i>American Journal of Epidemiology</i> , 2017, 186, 899-907.	3.4	42
41	Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. <i>ELife</i> , 2021, 10, .	6.0	41
42	Predicting the 20-year diabetes incidence rate. <i>Diabetes/Metabolism Research and Reviews</i> , 2007, 23, 551-558.	4.0	39
43	Lifestyle and Ethnicity Play a Role in All-Cause Mortality. <i>Journal of Nutrition</i> , 2003, 133, 1180-1185.	2.9	38
44	Effect of Elevated Basal Insulin on Cancer Incidence and Mortality in Cancer Incident Patients. <i>Diabetes Care</i> , 2012, 35, 1538-1543.	8.6	38
45	Lessons learned from the 1â€œhour postâ€œload glucose level during OGTT: Current screening recommendations for dysglycaemia should be revised. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2992.	4.0	38
46	Cultural elements of postpartum depression. A study of 327 Jewish Jerusalem women. <i>Journal of reproductive medicine, The</i> , 2000, 45, 97-104.	0.2	38
47	Postnatal Depression: A Prospective Study of Its Prevalence, Incidence and Psychosocial Determinants in an Israeli Sample. <i>Journal of Obstetrics and Gynaecology Research</i> , 1997, 23, 547-554.	1.3	36
48	Obesity attenuates gender differences in cardiovascular mortality. <i>Cardiovascular Diabetology</i> , 2014, 13, 144.	6.8	33
49	A controlled intervention to increase participation in cardiac rehabilitation. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1121-1128.	1.8	32
50	Diabetes, prostate cancer screening and risk of low- and high-grade prostate cancer: an 11â€œyear historical population follow-up study of more than 1 million men. <i>Diabetologia</i> , 2016, 59, 1683-1691.	6.3	32
51	Symptoms of depression and anxiety and 11-year all-cause mortality in men and women undergoing coronary artery bypass graft (CABG) surgery. <i>Journal of Psychosomatic Research</i> , 2018, 105, 106-114.	2.6	32
52	Physical activity is inversely associated with total homocysteine levels, independent of C677T MTHFR genotype and plasma B vitamins. <i>Age</i> , 2007, 29, 219-227.	3.0	31
53	Metformin Treatment and Cancer Risk: Cox Regression Analysis, With Time-Dependent Covariates, of 320,000 Persons With Incident Diabetes Mellitus. <i>American Journal of Epidemiology</i> , 2019, 188, 1794-1800.	3.4	31
54	Basal state hyperinsulinemia in healthy normoglycemic adults heralds dysglycemia after more than two decades of follow up. <i>Diabetes/Metabolism Research and Reviews</i> , 2012, 28, 618-624.	4.0	29

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55	Different effects of apolipoprotein A5 SNPs and haplotypes on triglyceride concentration in three ethnic origins. <i>Journal of Human Genetics</i> , 2010, 55, 300-307.	2.3	25
56	Accuracy of 1-Hour Plasma Glucose During the Oral Glucose Tolerance Test in Diagnosis of Type 2 Diabetes in Adults: A Meta-analysis. <i>Diabetes Care</i> , 2021, 44, 1062-1069.	8.6	25
57	Treatment of Stable Atrial Fibrillation in the Emergency Department: A Population-Based Comparison of Electrical Direct-Current versus Pharmacological Cardioversion or Conservative Management. <i>Cardiology</i> , 2009, 112, 270-278.	1.4	24
58	Residential greenness and increased physical activity in patients after coronary artery bypass graft surgery. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1184-1191.	1.8	23
59	The effect of an educational intervention on coronary artery bypass graft surgery patients' participation rate in cardiac rehabilitation programs: a controlled health care trial. <i>BMC Cardiovascular Disorders</i> , 2011, 11, 60.	1.7	22
60	Are current diagnostic guidelines delaying early detection of dysglycemic states? Time for new approaches. <i>Endocrine</i> , 2013, 44, 66-69.	2.3	21
61	Correlates of well-being among caregivers of long-term community-dwelling stroke survivors. <i>International Journal of Rehabilitation Research</i> , 2016, 39, 326-330.	1.3	21
62	Undetected type 2 diabetes in older adults. <i>Age and Ageing</i> , 2008, 38, 56-62.	1.6	20
63	A historical cohort study on glycemic-control and cancer-risk among patients with diabetes. <i>Cancer Epidemiology</i> , 2018, 57, 104-109.	1.9	20
64	Multidisciplinary intervention for control of diabetes in patients undergoing coronary artery bypass graft (CABG). <i>Vascular</i> , 2003, 11, 195-200.	0.5	19
65	Dysglycemia and long-term mortality: observations from the Israel study of glucose intolerance, obesity and hypertension. <i>Diabetes/Metabolism Research and Reviews</i> , 2015, 31, 368-375.	4.0	19
66	Implementation of a competency-based medical education approach in public health and epidemiology training of medical students. <i>Israel Journal of Health Policy Research</i> , 2018, 7, 13.	2.6	19
67	Reuniting overnutrition and undernutrition, macronutrients, and micronutrients. <i>Diabetes/Metabolism Research and Reviews</i> , 2019, 35, e3072.	4.0	19
68	More recent, better designed studies have weakened links between antidiabetes medications and cancer risk. <i>Diabetic Medicine</i> , 2020, 37, 194-202.	2.3	19
69	Life-style habits and homocysteine levels in an elderly population. <i>Aging Clinical and Experimental Research</i> , 2004, 16, 437-442.	2.9	18
70	A framework for quantifying net benefits of alternative prognostic models. <i>Statistics in Medicine</i> , 2012, 31, 114-130.	1.6	18
71	ApoE Genotype, Lipid Profile, Exercise, and the Associations With Cardiovascular Morbidity and 18-Year Mortality. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1887-1893.	3.6	18
72	Remote sensing metrics to assess exposure to residential greenness in epidemiological studies: A population case study from the Eastern Mediterranean. <i>Environment International</i> , 2021, 146, 106270.	10.0	17

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73	Cardiovascular Toxicities of Antiangiogenic Tyrosine Kinase Inhibitors: A Retrospective, Pharmacovigilance Study. Targeted Oncology, 2021, 16, 471-483.	3.6	17
74	Incidental abnormal ECG findings and long-term cardiovascular morbidity and all-cause mortality: A population based prospective study. International Journal of Cardiology, 2019, 295, 36-41.	1.7	16
75	Hyperglycaemic disorders associated with PCSK9 inhibitors: a real-world, pharmacovigilance study. European Journal of Preventive Cardiology, 2022, 29, 1334-1342.	1.8	16
76	Glucose tolerance status and 20 year cancer incidence. Israel Medical Association Journal, 2007, 9, 592-6.	0.1	15
77	Sense of coherence and 22-year all-cause mortality in adult men. Journal of Psychosomatic Research, 2015, 78, 377-383.	2.6	13
78	The role of risk factor time trends in the steep decline of CHD mortality between two Israeli cohort studies. Preventive Medicine, 2005, 41, 85-91.	3.4	12
79	Can <i>personalized diagnostics</i> ™ promote earlier intervention for dysglycaemia? Hypothesis ready for testing. Diabetes/Metabolism Research and Reviews, 2010, 26, 7-9.	4.0	12
80	Imputing missing time-dependent covariate values for the discrete time Cox model. Statistical Methods in Medical Research, 2020, 29, 2074-2086.	1.5	12
81	Outsourcing primary medical care in Israeli defense forces: Decision-makers™ versus clients™ perspectives. Health Policy, 2006, 78, 1-7.	3.0	11
82	A simplified severity score for acute asthma exacerbation. Journal of Asthma, 2013, 50, 871-876.	1.7	11
83	Covariate-adjusted measures of discrimination for survival data. Biometrical Journal, 2015, 57, 592-613.	1.0	11
84	Sex and ethnic-origin specific BMI cut points improve prediction of 40-year mortality: the Israel GOH study. Diabetes/Metabolism Research and Reviews, 2015, 31, 530-536.	4.0	11
85	A Three-Decade Survival Analysis of Intraventricular Conduction Delay in Adults Without Ischemic Heart Disease. American Journal of Medicine, 2016, 129, 1219.e11-1219.e16.	1.5	11
86	The association between insulin sensitivity indices, ECG findings and mortality: a 40-year cohort study. Cardiovascular Diabetology, 2021, 20, 97.	6.8	11
87	The metabolic deterioration that antedates diabetes: personal trajectories of HbA <sub>1c</sub> and fasting glucose as early indicators and possible triggers for intervention. Diabetes/Metabolism Research and Reviews, 2013, 29, 1-7.	4.0	10
88	Reducing the prevalence of dysglycemia: is the time ripe to test the effectiveness of intervention in high-risk individuals with elevated 1-h post-load glucose levels?. Endocrine, 2017, 55, 697-701.	2.3	10
89	New onset diabetes in adulthood is associated with a substantial risk for mortality at all ages: a population based historical cohort study with a decade-long follow-up. Cardiovascular Diabetology, 2017, 16, 105.	6.8	10
90	The metabolic syndrome and its components are differentially associated with chronic diseases in a high-risk population of 350 000 adults: A cross-sectional study. Diabetes/Metabolism Research and Reviews, 2019, 35, e3121.	4.0	10

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91	Comparison of Health Care Services for Career Soldiers Throughout the World. <i>Military Medicine</i> , 2005, 170, 995-998.	0.8	9
92	Serum adiponectin is associated with homocysteine in elderly men and women, and with 5,10-methylenetetrahydrofolate reductase (MTHFR) in a sex-dependent manner. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1767-1774.	3.4	9
93	The joint association of self-rated health and diabetes status on 14-year mortality in elderly men and women. <i>Quality of Life Research</i> , 2016, 25, 2889-2896.	3.1	8
94	Healthy Lifestyle Pattern is Protective Against 30-Yr Cancer Incidence in Men and Women: A Cohort Study. <i>Nutrition and Cancer</i> , 2016, 68, 410-419.	2.0	8
95	Newly diagnosed type 2 diabetes may serve as a potential marker for pancreatic cancer. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e3018.	4.0	7
96	High Expression Level of PPAR $\alpha$ in CD24 Knockout Mice and Gender-Specific Metabolic Changes: A Model of Insulin-Sensitive Obesity. <i>Journal of Personalized Medicine</i> , 2021, 11, 50.	2.5	7
97	Cardiorespiratory fitness and plasma homocysteine levels in adult males and females. <i>Israel Medical Association Journal</i> , 2009, 11, 78-82.	0.1	7
98	Gynecomastia following spinal cord disorder. <i>Archives of Physical Medicine and Rehabilitation</i> , 1997, 78, 534-537.	0.9	6
99	How the immunoassay transformed C-peptide from a duckling into a swan. <i>Diabetologia</i> , 2012, 55, 865-869.	6.3	6
100	Acute Pulmonary Edema in the Emergency Department: Clinical and Echocardiographic Survey in an Aged Population. <i>American Journal of the Medical Sciences</i> , 2002, 323, 238-243.	1.1	5
101	Recompression Treatment of Red Sea Diving Accidents. <i>Clinical Journal of Sport Medicine</i> , 2005, 15, 253-256.	1.8	5
102	The Metabolic Syndrome and Glucose Tolerance Status Deterioration Over 23-Year Follow-Up. <i>Diabetes Care</i> , 2006, 29, 1715-1716.	8.6	5
103	Diabetes, glucose control, glucose lowering medications, and cancer risk: A 10-year population-based historical cohort. <i>BMC Cancer</i> , 2012, 12, 364.	2.6	5
104	Associations of dietitian follow-up counselling visits and physical exercise with weight loss one year after sleeve gastrectomy. <i>Eating and Weight Disorders</i> , 2020, 25, 143-150.	2.5	5
105	Years of potential life lost in pre-diabetes and diabetes mellitus: data from a 40-year follow-up of the Israel study on Glucose intolerance, Obesity and Hypertension. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e001981.	2.8	5
106	Metformin Treatment Among Men With Diabetes and the Risk of Prostate Cancer: A Population-Based Historical Cohort Study. <i>American Journal of Epidemiology</i> , 2022, 191, 626-635.	3.4	4
107	The Personalized Approach for Detecting Prediabetes and Diabetes. <i>Current Diabetes Reviews</i> , 2015, 12, 58-65.	1.3	3
108	Civilian Doctors in Military Clinics—Outsourcing for Better Medicine. <i>Military Medicine</i> , 2007, 172, 75-78.	0.8	2



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109	The Effect of Administrative Cessation of the Use of Ipratropium Bromide in the Treatment of Acute Asthma Attacks in the Emergency Department. <i>Journal of Asthma</i> , 2011, 48, 1063-1068.	1.7	2
110	Mo1775 High Expression Level of PPAR $\alpha$ in CD24 Knockout Mice and Gender Specific Metabolic Changes: A Model of Insulin-Sensitive Obesity. <i>Gastroenterology</i> , 2014, 146, S-656-S-657.	1.3	2
111	Diabetes in HIV-infected persons in Cameroon?. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 512-513.	4.0	2
112	Is health-related quality of life 1-year after coronary artery bypass graft surgery associated with living in a greener environment?. <i>Environmental Research</i> , 2022, 212, 113364.	7.5	2
113	Association between Self-Classification of COVID-19 Risk Levels and Adverse Lifestyle Changes among Physically Active Older Adults Following the Coronavirus Outbreak. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7039.	2.6	2
114	Predicting Diabetes. , 2012, , 81-102.		1
115	The Relation Between the Modified Rankin Scale (mRS) Scores and Utility Weights: Results from a Survey Among Community Dwelling Long Term Stroke Survivors. <i>Value in Health</i> , 2013, 16, A533-A534.	0.3	1
116	Data for a population based cohort study on abnormal findings of electrocardiograms (ECG), recorded during follow-up periodic examinations, and their association with long-term cardiovascular morbidity and all-cause mortality. <i>Data in Brief</i> , 2019, 26, 104474.	1.0	1
117	Is there evidence for sex differences in the association between diabetes and cancer?. <i>Diabetologia</i> , 2019, 62, 199-200.	6.3	1
118	PHYSICAL ACTIVITY AND LOWER HOMOCYSTEINE LEVELS IN AN ELDERLY POPULATION. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, S122.	0.4	1
119	Various Contract Settings and their Impact on the Cost of Medical Services. <i>Journal of the Royal Army Medical Corps</i> , 2007, 153, 22-25.	0.8	0
120	Su1967 CD24 KO Male Mice As a Model System of Early Onset Obesity in Men With Insulin Hyper-Sensitivity. <i>Gastroenterology</i> , 2016, 150, S601-S602.	1.3	0
121	A survey of sports injuries among a convenience sample of Israeli athletes. <i>Israel Medical Association Journal</i> , 2001, 3, 508-10.	0.1	0