Nishi Chaturvedi

List of Publications by Year
in descending order

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90 papers	5,322 citations	147801 31 h-index	102487 66 g-index
109 all docs	109 docs citations	109 times ranked	9257 citing authors

#	Article	IF	Citations
1	Metabolite Profiling and Cardiovascular Event Risk. Circulation, 2015, 131, 774-785.	1.6	547
2	Ethnic differences in SARS-CoV-2 infection and COVID-19-related hospitalisation, intensive care unit admission, and death in 17 million adults in England: an observational cohort study using the OpenSAFELY platform. Lancet, The, 2021, 397, 1711-1724.	13.7	332
3	Genetic Predisposition to an Impaired Metabolism of the Branched-Chain Amino Acids and Risk of Type 2 Diabetes: A Mendelian Randomisation Analysis. PLoS Medicine, 2016, 13, e1002179.	8.4	324
4	Completeness and usability of ethnicity data in UK-based primary care and hospital databases. Journal of Public Health, 2014, 36, 684-692.	1.8	296
5	Effectiveness of mobile phone messaging in prevention of type 2 diabetes by lifestyle modification in men in India: a prospective, parallel-group, randomised controlled trial. Lancet Diabetes and Endocrinology,the, 2013, 1, 191-198.	11.4	262
6	Long COVID burden and risk factors in 10 UK longitudinal studies and electronic health records. Nature Communications, 2022, 13, .	12.8	243
7	The Relationship Between Metabolic Risk Factors and Incident Cardiovascular Disease in Europeans, South Asians, and African Caribbeans. Journal of the American College of Cardiology, 2013, 61, 1777-1786.	2.8	237
8	Algorithms for the Capture and Adjudication of Prevalent and Incident Diabetes in UK Biobank. PLoS ONE, 2016, 11, e0162388.	2.5	232
9	Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation. Nature Genetics, 2021, 53, 1311-1321.	21.4	218
10	Vascular Risk Factors and Markers of Endothelial Function as Determinants of Inflammatory Markers in Type 1 Diabetes: The EURODIAB Prospective Complications Study. Diabetes Care, 2003, 26, 2165-2173.	8.6	199
11	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 rgBT /Overlock 10	4.3	192
12	Socioeconomic gradient in morbidity and mortality in people with diabetes: cohort study findings from the Whitehall study and the WHO multinational study of vascular disease in diabetes. BMJ: British Medical Journal, 1998, 316, 100-105.	2.3	161
13	Microalbuminuria in type 1 diabetes: Rates, risk factors and glycemic threshold. Kidney International, 2001, 60, 219-227.	5.2	150
14	Southall And Brent REvisited: Cohort profile of SABRE, a UK population-based comparison of cardiovascular disease and diabetes in people of European, Indian Asian and African Caribbean origins. International Journal of Epidemiology, 2012, 41, 33-42.	1.9	144
15	Insulin Resistance and Truncal Obesity as Important Determinants of the Greater Incidence of Diabetes in Indian Asians and African Caribbeans Compared With Europeans. Diabetes Care, 2013, 36, 383-393.	8.6	136
16	Repeated measures in clinical trials: simple strategies for analysis using summary measures. , 2000, 19, 861-877.		102
17	Population trends in the 10-year incidence and prevalence of diabetic retinopathy in the UK: a cohort study in the Clinical Practice Research Datalink 2004â€“2014. BMJ Open, 2017, 7, e014444.	1.9	79
18	Promises and pitfalls of electronic health record analysis. Diabetologia, 2018, 61, 1241-1248.	6.3	76

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19	Associations Between Measures of Sarcopenic Obesity and Risk of Cardiovascular Disease and Mortality: A Cohort Study and Mendelian Randomization Analysis Using the UK Biobank. Journal of the American Heart Association, 2019, 8, e011638.	3.7	75
20	Ethnic differences in vascular stiffness and relations to hypertensive target organ damage. Journal of Hypertension, 2004, 22, 1731-1737.	0.5	70
21	Differences in mortality and morbidity in African Caribbean and European people with non-insulin dependent diabetes mellitus: results of 20 year follow up of a London cohort of a multinational study. BMJ: British Medical Journal, 1996, 313, 848-852.	2.3	68
22	Cerebral Blood Flow and Cognitive Functioning in a Community-Based, Multi-Ethnic Cohort: The SABRE Study. Frontiers in Aging Neuroscience, 2018, 10, 279.	3.4	61
23	Evaluating access to health and care services during lockdown by the COVID-19 survey in five UK national longitudinal studies. BMJ Open, 2021, 11, e045813.	1.9	57
24	Cholesteryl ester transfer protein (CETP) as a drug target for cardiovascular disease. Nature Communications, 2021, 12, 5640.	12.8	57
25	Assessing the Causal Role of Body Mass Index on Cardiovascular Health in Young Adults. Circulation, 2018, 138, 2187-2201.	1.6	55
26	Association of Retinopathy and Retinal Microvascular Abnormalities With Stroke and Cerebrovascular Disease. Stroke, 2016, 47, 2862-2864.	2.0	46
27	Ethnic disparities in initiation and intensification of diabetes treatment in adults with type 2 diabetes in the UK, 1990â€“2017: A cohort study. PLoS Medicine, 2020, 17, e1003106.	8.4	46
28	Circulating and Urinary Transforming Growth Factor Î²1, Amadori Albumin, and Complications of Type 1 Diabetes. Diabetes Care, 2002, 25, 2320-2327.	8.6	44
29	Low 25-hydroxyvitamin D2 and 25-hydroxyvitamin D3 levels are independently associated with macroalbuminuria, but not with retinopathy and macrovascular disease in type 1 diabetes: the EURODIAB prospective complications study. Cardiovascular Diabetology, 2015, 14, 67.	6.8	43
30	Indian Asian men have less peripheral arterial disease than European men for equivalent levels of coronary disease. Atherosclerosis, 2007, 193, 204-212.	0.8	42
31	Cardiovascular risk prediction in type 2 diabetes: a comparison of 22 risk scores in primary care settings. Diabetologia, 2022, 65, 644-656.	6.3	41
32	Associations between high blood pressure and DNA methylation. PLoS ONE, 2020, 15, e0227728.	2.5	37
33	The effect of baseline cognition and delirium on long-term cognitive impairment and mortality: a prospective population-based study. The Lancet Healthy Longevity, 2022, 3, e232-e241.	4.6	31
34	Metformin use and risk of cancer in patients with type 2 diabetes: a cohort study of primary care records using inverse probability weighting of marginal structural models. International Journal of Epidemiology, 2019, 48, 527-537.	1.9	29
35	Lipoprotein signatures of cholesteryl ester transfer protein and HMG-CoA reductase inhibition. PLoS Biology, 2019, 17, e3000572.	5.6	29
36	Cardiovascular Risk Factors and White Matter Hyperintensities: Difference in Susceptibility in South Asians Compared With Europeans. Journal of the American Heart Association, 2018, 7, e010533.	3.7	26

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37	HbA1c and brain health across the entire glycaemic spectrum. Diabetes, Obesity and Metabolism, 2021, 23, 1140-1149.	4.4	26
38	Assessment of common infections and incident dementia using UK primary and secondary care data: a historical cohort study. The Lancet Healthy Longevity, 2021, 2, e426-e435.	4.6	25
39	Cortical cerebral blood flow in ageing: effects of haematocrit, sex, ethnicity and diabetes. European Radiology, 2019, 29, 5549-5558.	4.5	22
40	Relationship Between Glycemia and Cognitive Function, Structural Brain Outcomes, and Dementia: A Mendelian Randomization Study in the UK Biobank. Diabetes, 2021, 70, 2313-2321.	0.6	22
41	Cohort Profile Update: Southall and Brent Revisited (SABRE) study: a UK population-based comparison of cardiovascular disease and diabetes in people of European, South Asian and African Caribbean heritage. International Journal of Epidemiology, 2020, 49, 1441-1442e.	1.9	21
42	The relationship between sleep quality and all-cause, CVD and cancer mortality: the Southall and Brent REvisited study (SABRE). Sleep Medicine, 2019, 60, 230-235.	1.6	20
43	Triglyceride-containing lipoprotein sub-fractions and risk of coronary heart disease and stroke: A prospective analysis in 11,560 adults. European Journal of Preventive Cardiology, 2020, 27, 1617-1626.	1.8	19
44	Understanding and tracking the impact of long COVID in the United Kingdom. Nature Medicine, 2022, 28, 11-15.	30.7	19
45	Elevated Blood Pressure in Adolescence Is Attributable to a Combination of Elevated Cardiac Output and Total Peripheral Resistance. Hypertension, 2018, 72, 1103-1108.	2.7	17
46	Yoga and Cardiovascular Health Trial (YACHT): a UK-based randomised mechanistic study of a yoga intervention plus usual care versus usual care alone following an acute coronary event. BMJ Open, 2019, 9, e030119.	1.9	17
47	Masked hypertension and submaximal exercise blood pressure among adolescents from the Avon Longitudinal Study of Parents and Children (ALSPAC). Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 25-30.	2.9	17
48	Circulating Metabolome and White Matter Hyperintensities in Women and Men. Circulation, 2022, 145, 1040-1052.	1.6	17
49	Ethnic differences in guideline-indicated statin initiation for people with type 2 diabetes in UK primary care, 2006â€“2019: A cohort study. PLoS Medicine, 2021, 18, e1003672.	8.4	15
50	Socioeconomic inequalities in prevalence and development of multimorbidity across adulthood: A longitudinal analysis of the MRC 1946 National Survey of Health and Development in the UK. PLoS Medicine, 2021, 18, e1003775.	8.4	14
51	Validation of lipid-related therapeutic targets for coronary heart disease prevention using human genetics. Nature Communications, 2021, 12, 6120.	12.8	13
52	The effect of mid-life insulin resistance and type 2 diabetes on older-age cognitive state: the explanatory role of early-life advantage. Diabetologia, 2019, 62, 1891-1900.	6.3	11
53	Risk of 16 cancers across the full glycemic spectrum: a population-based cohort study using the UK Biobank. BMJ Open Diabetes Research and Care, 2020, 8, e001600.	2.8	10
54	Feasibility of Estimation of Aortic Wave Intensity Using Non-invasive Pressure Recordings in the Absence of Flow Velocity in Man. Frontiers in Physiology, 2020, 11, 550.	2.8	10

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55	Feasibility and Reproducibility of Left Ventricular Rotation by Speckle Tracking Echocardiography in Elderly Individuals and the Impact of Different Software. PLoS ONE, 2013, 8, e75098.	2.5	10
56	Associations between family history and coronary artery calcium and coronary heart disease in British Europeans and South Asians. International Journal of Cardiology, 2020, 300, 39-42.	1.7	8
57	Type 2 diabetes does not account for ethnic differences in exercise capacity or skeletal muscle function in older adults. Diabetologia, 2020, 63, 624-635.	6.3	8
58	Investigating the Relationship Between IGF-I, IGF-II, and IGFBP-3 Concentrations and Later-Life Cognition and Brain Volume. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1617-1629.	3.6	8
59	The UK Coronavirus Job Retention Scheme and diet, physical activity, and sleep during the COVID-19 pandemic: evidence from eight longitudinal population surveys. BMC Medicine, 2022, 20, 147.	5.5	8
60	Type 2 diabetes risks and determinants in second-generation migrants and mixed ethnicity people of South Asian and African Caribbean descent in the UK. Diabetologia, 2022, 65, 113-127.	6.3	7
61	The association between plasma metabolites and sleep quality in the Southall and Brent Revisited (SABRE) Study: A crossâ€sectional analysis. Journal of Sleep Research, 2021, 30, e13245.	3.2	6
62	Imaging Protocol, Feasibility, and Reproducibility of Cardiovascular Phenotyping in a Large Tri-Ethnic Population-Based Study of Older People: The Southall and Brent Revisited (SABRE) Study. Frontiers in Cardiovascular Medicine, 2020, 7, 591946.	2.4	6
63	Relationship Between Image Quality and Bias in 3D Echocardiographic Measures: Data From the SABRE (Southall and Brent Revisited) Study. Journal of the American Heart Association, 2022, 11, e019183.	3.7	6
64	Role of the Metabolic Profile in Mediating the Relationship Between Body Mass Index and Left Ventricular Mass in Adolescents: Analysis of a Prospective Cohort Study. Journal of the American Heart Association, 2020, 9, e016564.	3.7	5
65	Cardiorespiratory fitness, fatness, and the acute blood pressure response to exercise in adolescence. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 1693-1698.	2.9	5
66	Prescribing by Ethnicity: (Im)precision Medicine?. Diabetes Care, 2020, 43, 1687-1689.	8.6	4
67	The influence of fitness on exercise blood pressure and its association with cardiac structure in adolescence. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1033-1039.	2.9	4
68	Association between sleep quality and type 2 diabetes at 20-year follow-up in the Southall and Brent REvisited (SABRE) cohort: a triethnic analysis. Journal of Epidemiology and Community Health, 2021, 75, 1117-1122.	3.7	4
69	Sex differences in the contribution of different physiological systems to physical function in older adults. GeroScience, 2021, 43, 443-455.	4.6	3
70	Association between carotid atherosclerosis and brain activation patterns during the Stroop task in older adults: An fNIRS investigation. NeuroImage, 2022, 257, 119302.	4.2	3
71	Establishing reference intervals for triglyceride-containing lipoprotein subfraction metabolites measured using nuclear magnetic resonance spectroscopy in a UK population. Annals of Clinical Biochemistry, 2021, 58, 47-53.	1.6	2
72	Modelling ethnic differences in the distribution of insulin resistance via Bayesian nonparametric processes: an application to the SABRE cohort study. International Journal of Biostatistics, 2021, 17, 153-164.	0.7	2

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73	Study Protocol â€" Insight 46 Cardiovascular: A Sub-study of the MRC National Survey of Health and Development. Artery Research, 2020, 26, 170-179.	0.6	2
74	Sex-related differences in whole brain volumes at age 70 in association with hyperglycemia during adult life. Neurobiology of Aging, 2021, 112, 161-169.	3.1	1
75	Antihypertensive Medication Use and Its Effects on Blood Pressure and Haemodynamics in a Tri-ethnic Population Cohort: Southall and Brent Revisited (SABRE). Frontiers in Cardiovascular Medicine, 2021, 8, 795267.	2.4	1
76	Declining Levels and Bioavailability of IGF-I in Cardiovascular Aging Associate With QT Prolongationâ€"Results From the 1946 British Birth Cohort. Frontiers in Cardiovascular Medicine, 2022, 9, 863988.	2.4	1
77	Bayesian Nonparametric Modelling of Multiple Graphs with an Application to Ethnic Metabolic Differences. Journal of the Royal Statistical Society Series C: Applied Statistics, 2022, 71, 1181-1204.	1.0	1
78	Analysis: Repeated Measures in Clinical Trials: Simple Strategies for Analysis Using Summary Measures. , 2005, , 379-395.		0
79	John Fuller, 21 October 1937â€"2 July 2020. Diabetologia, 2020, 63, 2251-2252.	6.3	0
80	Title is missing!. , 2020, 17, e1003106.		0
81	Title is missing!. , 2020, 17, e1003106.		0
82	Title is missing!. , 2020, 17, e1003106.		0
83	Title is missing!. , 2020, 17, e1003106.		0
84	Title is missing!. , 2020, 17, e1003106.		0
85	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0
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89	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0
90	Associations between high blood pressure and DNA methylation. , 2020, 15, e0227728.		0