

Rajendra Pradeepa

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116
papers

4,977
citations

34
h-index

68
g-index

123
ext. papers

5,972
ext. citations

4.8
avg, IF

5.39
L-index

#	Paper	IF	Citations
116	Prevalence of diabetes and prediabetes (impaired fasting glucose and/or impaired glucose tolerance) in urban and rural India: phase I results of the Indian Council of Medical Research-INDIA DIABetes (ICMR-INDIAB) study. <i>Diabetologia</i> , 2011 , 54, 3022-7	10.3	517
115	Prevalence of diabetes and prediabetes in 15 states of India: results from the ICMR-INDIAB population-based cross-sectional study. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 585-596	18.1	372
114	Prevalence of diabetic retinopathy in urban India: the Chennai Urban Rural Epidemiology Study (CURES) eye study, I. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 2328-33		316
113	Type 2 diabetes in South Asians: similarities and differences with white Caucasian and other populations. <i>Annals of the New York Academy of Sciences</i> , 2013 , 1281, 51-63	6.5	203
112	The Chennai Urban Rural Epidemiology Study (CURES)--study design and methodology (urban component) (CURES-I). <i>Journal of the Association of Physicians of India</i> , 2003 , 51, 863-70	0.4	170
111	Physical activity and inactivity patterns in India - results from the ICMR-INDIAB study (Phase-1) [ICMR-INDIAB-5]. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014 , 11, 26	8.4	154
110	Prevalence and risk factors of diabetic nephropathy in an urban South Indian population: the Chennai Urban Rural Epidemiology Study (CURES 45). <i>Diabetes Care</i> , 2007 , 30, 2019-24	14.6	151
109	Type 2 Diabetes: Demystifying the Global Epidemic. <i>Diabetes</i> , 2017 , 66, 1432-1442	0.9	150
108	Prevalence of dyslipidemia in urban and rural India: the ICMR-INDIAB study. <i>PLoS ONE</i> , 2014 , 9, e96808	3.7	147
107	Prevalence of generalized & abdominal obesity in urban & rural India--the ICMR-INDIAB Study (Phase-I) [ICMR-INDIAB-3]. <i>Indian Journal of Medical Research</i> , 2015 , 142, 139-50	2.9	147
106	Incidence of Diabetes and Prediabetes and Predictors of Progression Among Asian Indians: 10-Year Follow-up of the Chennai Urban Rural Epidemiology Study (CURES). <i>Diabetes Care</i> , 2015 , 38, 1441-8	14.6	143
105	Prevalence of depression in a large urban South Indian population--the Chennai Urban Rural Epidemiology Study (CURES-70). <i>PLoS ONE</i> , 2009 , 4, e7185	3.7	126
104	Epidemiology of childhood overweight & obesity in India: A systematic review. <i>Indian Journal of Medical Research</i> , 2016 , 143, 160-74	2.9	113
103	Association of low adiponectin levels with the metabolic syndrome--the Chennai Urban Rural Epidemiology Study (CURES-4). <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 476-81	12.7	111
102	Prevalence and risk factors for diabetic neuropathy in an urban south Indian population: the Chennai Urban Rural Epidemiology Study (CURES-55). <i>Diabetic Medicine</i> , 2008 , 25, 407-12	3.5	101
101	The rising burden of diabetes and hypertension in southeast asian and african regions: need for effective strategies for prevention and control in primary health care settings. <i>International Journal of Hypertension</i> , 2013 , 2013, 409083	2.4	89
100	CARRS Surveillance study: design and methods to assess burdens from multiple perspectives. <i>BMC Public Health</i> , 2012 , 12, 701	4.1	85

99	Knowledge and awareness of diabetes in urban and rural India: The Indian Council of Medical Research India Diabetes Study (Phase I): Indian Council of Medical Research India Diabetes 4. <i>Indian Journal of Endocrinology and Metabolism</i> , 2014 , 18, 379-85	1.7	75
98	Prevalence of type 2 diabetes and its complications in India and economic costs to the nation. <i>European Journal of Clinical Nutrition</i> , 2017 , 71, 816-824	5.2	68
97	Risk factors for diabetic retinopathy in a South Indian Type 2 diabetic population--the Chennai Urban Rural Epidemiology Study (CURES) Eye Study 4. <i>Diabetic Medicine</i> , 2008 , 25, 536-42	3.5	67
96	Epidemiology of cardiovascular disease in type 2 diabetes: the Indian scenario. <i>Journal of Diabetes Science and Technology</i> , 2010 , 4, 158-70	4.1	55
95	Risk factors for microvascular complications of diabetes among South Indian subjects with type 2 diabetes--the Chennai Urban Rural Epidemiology Study (CURES) Eye Study-5. <i>Diabetes Technology and Therapeutics</i> , 2010 , 12, 755-61	8.1	55
94	High burden of prediabetes and diabetes in three large cities in South Asia: The Center for cArdio-metabolic Risk Reduction in South Asia (CARRS) Study. <i>Diabetes Research and Clinical Practice</i> , 2015 , 110, 172-82	7.4	51
93	Prevalence of and risk factors for hypertension in urban and rural India: the ICMR-INDIAB study. <i>Journal of Human Hypertension</i> , 2015 , 29, 204-9	2.6	51
92	Glycemic control among individuals with self-reported diabetes in India--the ICMR-INDIAB Study. <i>Diabetes Technology and Therapeutics</i> , 2014 , 16, 596-603	8.1	49
91	The Indian Council of Medical Research-India Diabetes (ICMR-INDIAB) study: methodological details. <i>Journal of Diabetes Science and Technology</i> , 2011 , 5, 906-14	4.1	49
90	Vitamin B12 deficiency is associated with adverse lipid profile in Europeans and Indians with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2014 , 13, 129	8.7	48
89	The need for obtaining accurate nationwide estimates of diabetes prevalence in India - rationale for a national study on diabetes. <i>Indian Journal of Medical Research</i> , 2011 , 133, 369-80	2.9	47
88	Prevention of diabetes in rural India with a telemedicine intervention. <i>Journal of Diabetes Science and Technology</i> , 2012 , 6, 1355-64	4.1	45
87	Novel subgroups of type 2 diabetes and their association with microvascular outcomes in an Asian Indian population: a data-driven cluster analysis: the INSPIRED study. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	41
86	Comparison of capillary whole blood versus venous plasma glucose estimations in screening for diabetes mellitus in epidemiological studies in developing countries. <i>Diabetes Technology and Therapeutics</i> , 2011 , 13, 586-91	8.1	40
85	Is the Rule of halves in hypertension still valid?--Evidence from the Chennai Urban Population Study. <i>Journal of the Association of Physicians of India</i> , 2003 , 51, 153-7	0.4	40
84	Socioeconomic status and cardiovascular risk in urban South Asia: The CARRS Study. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 408-19	3.9	39
83	Prevalence of chronic kidney disease in two major Indian cities and projections for associated cardiovascular disease. <i>Kidney International</i> , 2015 , 88, 178-85	9.9	35
82	Prevalence and risk factors of hypertension in a selected South Indian population--the Chennai Urban Population Study. <i>Journal of the Association of Physicians of India</i> , 2003 , 51, 20-7	0.4	34

81	Body fat, metabolic syndrome and hyperglycemia in South Asians. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 1068-1075	3.2	32
80	Parental history of type 2 diabetes mellitus, metabolic syndrome, and cardiometabolic risk factors in Asian Indian adolescents. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 344-50	12.7	31
79	Reliability and validity of a modified PHQ-9 item inventory (PHQ-12) as a screening instrument for assessing depression in Asian Indians (CURES-65). <i>Journal of the Association of Physicians of India, The</i> , 2009 , 57, 147-52	0.4	31
78	Use of a large diabetes electronic medical record system in India: clinical and research applications. <i>Journal of Diabetes Science and Technology</i> , 2011 , 5, 543-52	4.1	29
77	Emerging economies and diabetes and cardiovascular disease. <i>Diabetes Technology and Therapeutics</i> , 2012 , 14 Suppl 1, S59-67	8.1	29
76	Metabolic obesity, adipocytokines, and inflammatory markers in Asian Indians--CURES-124. <i>Diabetes Technology and Therapeutics</i> , 2015 , 17, 134-41	8.1	28
75	The prevalence of presarcopenia in Asian Indian individuals with and without type 2 diabetes. <i>Diabetes Technology and Therapeutics</i> , 2013 , 15, 768-75	8.1	27
74	Health-related quality of life variations by sociodemographic factors and chronic conditions in three metropolitan cities of South Asia: the CARRS study. <i>BMJ Open</i> , 2017 , 7, e018424	3	26
73	Diabetes in Asian Indians-How much is preventable? Ten-year follow-up of the Chennai Urban Rural Epidemiology Study (CURES-142). <i>Diabetes Research and Clinical Practice</i> , 2015 , 109, 253-61	7.4	26
72	Acceptability and Utilization of Newer Technologies and Effects on Glycemic Control in Type 2 Diabetes: Lessons Learned from Lockdown. <i>Diabetes Technology and Therapeutics</i> , 2020 , 22, 527-534	8.1	25
71	A review of machine learning methods for retinal blood vessel segmentation and artery/vein classification. <i>Medical Image Analysis</i> , 2021 , 68, 101905	15.4	25
70	Diabetic retinopathy: an Indian perspective. <i>Indian Journal of Medical Research</i> , 2007 , 125, 297-310	2.9	25
69	Ethnic differences in the prevalence of diabetes in underweight and normal weight individuals: The CARRS and NHANES studies. <i>Diabetes Research and Clinical Practice</i> , 2018 , 146, 34-40	7.4	24
68	Prevalence of depression in relation to glucose intolerance in urban south Indians--the Chennai Urban Rural Epidemiology Study (CURES-76). <i>Diabetes Technology and Therapeutics</i> , 2010 , 12, 989-94	8.1	23
67	Physical activity patterns and gestational diabetes outcomes - The wings project. <i>Diabetes Research and Clinical Practice</i> , 2016 , 116, 253-62	7.4	22
66	The changing scenario of the diabetes epidemic: implications for India. <i>Indian Journal of Medical Research</i> , 2002 , 116, 121-32	2.9	22
65	Association of depression with complications of type 2 diabetes--the Chennai Urban Rural Epidemiology Study (CURES- 102). <i>Journal of the Association of Physicians of India, The</i> , 2011 , 59, 644-8	0.4	22
64	Tele-diabetology to Screen for Diabetes and Associated Complications in Rural India: The Chunampet Rural Diabetes Prevention Project Model. <i>Journal of Diabetes Science and Technology</i> , 2014 , 8, 256-261	4.1	21

63	Diabetes & coronary artery disease. <i>Indian Journal of Medical Research</i> , 2002 , 116, 163-76	2.9	21
62	A Multicenter Real-Life Study on the Effect of Flash Glucose Monitoring on Glycemic Control in Patients with Type 1 and Type 2 Diabetes. <i>Diabetes Technology and Therapeutics</i> , 2017 , 19, 533-540	8.1	20
61	Reliability and validity of a new physical activity questionnaire for India. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 40	8.4	20
60	Prevalence of peripheral vascular disease and its association with carotid intima-media thickness and arterial stiffness in type 2 diabetes: the Chennai urban rural epidemiology study (CURES 111). <i>Diabetes and Vascular Disease Research</i> , 2014 , 11, 190-200	3.3	20
59	Ethnic Variations in Diabetes and Prediabetes Prevalence and the roles of Insulin Resistance and β cell Function: The CARRS and NHANES Studies. <i>Journal of Clinical and Translational Endocrinology</i> , 2016 , 4, 19-27	2.4	20
58	Prevalence, incidence and progression of peripheral arterial disease in Asian Indian type 2 diabetic patients. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 627-31	3.2	18
57	Association of serum adiponectin with diabetic microvascular complications among south Indian type 2 diabetic subjects - (CURES-133). <i>Clinical Biochemistry</i> , 2015 , 48, 33-8	3.5	17
56	Associations of Sleep Duration and Disturbances With Hypertension in Metropolitan Cities of Delhi, Chennai, and Karachi in South Asia: Cross-Sectional Analysis of the CARRS Study. <i>Sleep</i> , 2017 , 40,	1.1	17
55	Increased awareness about diabetes and its complications in a whole city: effectiveness of the "prevention, awareness, counselling and evaluation" [PACE] Diabetes Project [PACE-6]. <i>Journal of the Association of Physicians of India</i> , 2008 , 56, 497-502	0.4	17
54	Determinants, consequences and prevention of childhood overweight and obesity: An Indian context. <i>Indian Journal of Endocrinology and Metabolism</i> , 2014 , 18, S17-25	1.7	16
53	Noncommunicable diseases risk factor surveillance: experience and challenge from India. <i>Indian Journal of Community Medicine</i> , 2011 , 36, S50-6	0.8	16
52	Relationship of diabetic retinopathy with coronary artery disease in Asian Indians with type 2 diabetes: the Chennai Urban Rural Epidemiology Study (CURES) Eye Study--3. <i>Diabetes Technology and Therapeutics</i> , 2015 , 17, 112-8	8.1	15
51	Obesity Reduction and Awareness and Screening of Noncommunicable Diseases through Group Education in children and adolescents (ORANGE): methodology paper (ORANGE-1). <i>Journal of Diabetes Science and Technology</i> , 2010 , 4, 1256-64	4.1	15
50	A cross-sectional study of the prevalence and correlates of tobacco use in Chennai, Delhi, and Karachi: data from the CARRS study. <i>BMC Public Health</i> , 2015 , 15, 483	4.1	14
49	Visual outcomes of pan-retinal photocoagulation in diabetic retinopathy at one-year follow-up and associated risk factors. <i>Indian Journal of Ophthalmology</i> , 2005 , 53, 93-9	1.6	14
48	Low uptake of COVID-19 prevention behaviours and high socioeconomic impact of lockdown measures in South Asia: Evidence from a large-scale multi-country surveillance programme. <i>SSM - Population Health</i> , 2021 , 13, 100751	3.8	14
47	Prevalence of vitamin B deficiency in South Indians with different grades of glucose tolerance. <i>Acta Diabetologica</i> , 2018 , 55, 1283-1293	3.9	14
46	Glucose patterns during the OGTT and risk of future diabetes in an urban Indian population: The CARRS study. <i>Diabetes Research and Clinical Practice</i> , 2017 , 126, 192-197	7.4	13

45	Use of Telemedicine Technologies in Diabetes Prevention and Control in Resource-Constrained Settings: Lessons Learned from Emerging Economies. <i>Diabetes Technology and Therapeutics</i> , 2019 , 21, S29-S216	8.1	13
44	Prevalence and clinical profile of metabolic syndrome among type 1 diabetes mellitus patients in southern India. <i>Journal of Diabetes and Its Complications</i> , 2015 , 29, 659-64	3.2	13
43	Association of neutrophil-lymphocyte ratio with metabolic syndrome and its components in Asian Indians (CURES-143). <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 1525-1529	3.2	13
42	βCell Function and Insulin Sensitivity in Normal Glucose-Tolerant Subjects Stratified by 1-Hour Plasma Glucose Values. <i>Diabetes Technology and Therapeutics</i> , 2016 , 18, 29-33	8.1	12
41	The 1h post glucose value best predicts future dysglycemia among normal glucose tolerance subjects. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 1592-1596	3.2	12
40	Prevalence of chronic kidney disease and risk factors for its progression: A cross-sectional comparison of Indians living in Indian versus U.S. cities. <i>PLoS ONE</i> , 2017 , 12, e0173554	3.7	11
39	Epidemiology of type 2 diabetes in India. <i>Indian Journal of Ophthalmology</i> , 2021 , 69, 2932-2938	1.6	11
38	Isolated HbA1c identifies a different subgroup of individuals with type 2 diabetes compared to fasting or post-challenge glucose in Asian Indians: The CARRS and MASALA studies. <i>Diabetes Research and Clinical Practice</i> , 2019 , 153, 93-102	7.4	9
37	Increased risk of type 2 diabetes with ascending social class in urban South Indians is explained by obesity: The Chennai urban rural epidemiology study (CURES-116). <i>Indian Journal of Endocrinology and Metabolism</i> , 2013 , 17, 1084-9	1.7	9
36	Slowing the diabetes epidemic in the World Health Organization South-East Asia Region: the role of diet and physical activity. <i>WHO South-East Asia Journal of Public Health</i> , 2016 , 5, 5-16	2.3	9
35	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	14.6	9
34	Association of depression with common carotid artery intima media thickness and augmentation index in a large Urban South Indian population- The Chennai Urban Rural Epidemiology Study (CURES - 138). <i>Indian Journal of Endocrinology and Metabolism</i> , 2015 , 19, 136-42	1.7	8
33	Impaired toll-like receptor signalling in peripheral B cells from newly diagnosed type-2 diabetic subjects. <i>Cytokine</i> , 2015 , 76, 253-259	4	8
32	Telemedicine in diabetes care: in rural India, a new prevention project seeks to fill in the screening gap. <i>IEEE Pulse</i> , 2014 , 5, 22-5	0.7	8
31	Association of adiposity, measured by skinfold thickness, with parental history of diabetes in a South Indian population: data from CURES-114. <i>Postgraduate Medical Journal</i> , 2016 , 92, 379-85	2	8
30	1,5 Anhydroglucitol in gestational diabetes mellitus. <i>Journal of Diabetes and Its Complications</i> , 2019 , 33, 231-235	3.2	8
29	Evidence for the association between gene variants and vitamin B12 concentrations in an Asian Indian population. <i>Genes and Nutrition</i> , 2019 , 14, 26	4.3	6
28	Association of hypertension with cluster of insulin resistance syndrome factors: the Chennai Urban Population Study (CUPS-12). <i>Acta Diabetologica</i> , 2004 , 41, 49-55	3.9	6

27	Relationship of glycemic control markers - 1,5 anhydroglucitol, fructosamine, and glycated hemoglobin among Asian Indians with different degrees of glucose intolerance. <i>Indian Journal of Endocrinology and Metabolism</i> , 2016 , 20, 690-695	1.7	6
26	Mortality in diabetes mellitus: revisiting the data from a developing region of the world. <i>Postgraduate Medical Journal</i> , 2009 , 85, 225-6	2	5
25	A Nutrigenetic Approach to Investigate the Relationship between Metabolic Traits and Vitamin D Status in an Asian Indian Population. <i>Nutrients</i> , 2020 , 12,	6.7	4
24	Prevalence of vitamin D deficiency in urban south Indians with different grades of glucose tolerance. <i>British Journal of Nutrition</i> , 2020 , 1-8	3.6	4
23	Clinical research training and capacity building for prevention and control of non-communicable diseases: A programme in India. <i>The National Medical Journal of India</i> , 2017 , 30, 340-344	0.4	4
22	The Global Burden of Diabetes and Its Vascular Complications 2017 , 3-23		3
21	Type 2 diabetes and cardiovascular diseases: do they share a common soil? The Asian Indian experience. <i>Heart Asia</i> , 2012 , 4, 69-76	1.9	3
20	Metabolic profile of normal glucose-tolerant subjects with elevated 1-h plasma glucose values. <i>Indian Journal of Endocrinology and Metabolism</i> , 2016 , 20, 612-618	1.7	3
19	Profiles of Intraday Glucose in Type 2 Diabetes and Their Association with Complications: An Analysis of Continuous Glucose Monitoring Data. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 555-564	8.1	3
18	Young-onset diabetes in Asian Indians is associated with lower measured and genetically determined beta cell function.. <i>Diabetologia</i> , 2022 , 1	10.3	3
17	Individual, Social and Environmental Correlates of Active School Travel among Adolescents in India. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	2
16	Noninvasive type 2 diabetes screening: clinical evaluation of SCOUT DS in an Asian Indian cohort. <i>Diabetes Technology and Therapeutics</i> , 2013 , 15, 39-45	8.1	2
15	Risk factors for diabetic retinopathy in rural India. <i>Journal of Postgraduate Medicine</i> , 2009 , 55, 89-90	0.8	2
14	Prediabetes uncovers differential gene expression at fasting and in response to oral glucose load in immune cells. <i>Clinical Nutrition</i> , 2021 , 40, 1247-1259	5.9	2
13	Quality of Life and Diabetes in India: A Scoping Review.. <i>Indian Journal of Endocrinology and Metabolism</i> , 2021 , 25, 365-380	1.7	1
12	Outcomes of metabolic surgery in obese patients with type 2 diabetes with respect to impact on beta cell function, insulin sensitivity and diabetes remission - A study from south India. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020 , 14, 1829-1835	8.9	1
11	Lower Dietary Intake of Plant Protein Is Associated with Genetic Risk of Diabetes-Related Traits in Urban Asian Indian Adults. <i>Nutrients</i> , 2021 , 13,	6.7	1
10	Young onset diabetes in Asian Indians is associated with lower measured and genetically determined beta-cell function: an INSPIRED study		1

9	Stability and reliability of glycated haemoglobin measurements in blood samples stored at -20°C. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 121-5	3.2	0
8	Effect of internal migration on diabetes and metabolic abnormalities in India - The ICMR-INDIAB study. <i>Journal of Diabetes and Its Complications</i> , 2021 , 35, 108051	3.2	0
7	Variations in glycated haemoglobin with age among individuals with normal glucose tolerance: Implications for diagnosis and treatment-Results from the ICMR-INDIAB population-based study (INDIAB-12). <i>Acta Diabetologica</i> , 2021 , 1	3.9	0
6	Prevalence and impact of stress among individuals with type 2 diabetes attending a tertiary diabetes center in South India. <i>Journal of Diabetology</i> , 2022 , 13, 122	0.8	0
5	Peripheral arterial disease in patients with type 2 diabetes. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 913	3.2	
4	Frequency and association of self-reported oral cancer among individuals with type 2 diabetes at a tertiary care diabetes centre in South India - A retrospective study.. <i>Journal of Diabetes and Its Complications</i> , 2022 , 108129	3.2	
3	CV Risk Factors in Rural-to-Urban Migrants Versus the Urban-Born in South India. <i>Global Heart</i> , 2018 , 13, 129-130	2.9	
2	The Burden of Non-communicable Diseases and Diabetic Retinopathy 2021 , 197-228		
1	A Novel High-Intensity Short Interval Dance Intervention (THANDAV) to Improve Physical Fitness in Asian Indian Adolescent Girls. <i>Diabetes Technology and Therapeutics</i> , 2021 , 23, 623-631	8.1	