

# Jarnail Singh Thakur

## List of Publications by Year in descending order

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Version: 2024-02-01

127  
papers

22,994  
citations

87888

38  
h-index

19190

118  
g-index

131  
all docs

131  
docs citations

131  
times ranked

39017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Health Effects of Overweight and Obesity in 195 Countries over 25 Years. <i>New England Journal of Medicine</i> , 2017, 377, 13-27.	27.0	5,014
2	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-years for 32 Cancer Groups, 1990 to 2015. <i>JAMA Oncology</i> , 2017, 3, 524.	7.1	4,254
3	Global, regional, and national burden of chronic kidney disease, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2020, 395, 709-733.	13.7	2,858
4	Global, Regional, and National Burden of Cardiovascular Diseases for 10 Causes, 1990 to 2015. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1-25.	2.8	2,705
5	Prevalence and attributable health burden of chronic respiratory diseases, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Respiratory Medicine,the</i> , 2020, 8, 585-596.	10.7	1,049
6	Associations of fats and carbohydrate intake with cardiovascular disease and mortality in 18 countries from five continents (PURE): a prospective cohort study. <i>Lancet, The</i> , 2017, 390, 2050-2062.	13.7	841
7	Nations within a nation: variations in epidemiological transition across the states of India, 1990â€“2016 in the Global Burden of Disease Study. <i>Lancet, The</i> , 2017, 390, 2437-2460.	13.7	647
8	Suicide mortality in India: a nationally representative survey. <i>Lancet, The</i> , 2012, 379, 2343-2351.	13.7	581
9	Fruit, vegetable, and legume intake, and cardiovascular disease and deaths in 18 countries (PURE): a prospective cohort study. <i>Lancet, The</i> , 2017, 390, 2037-2049.	13.7	446
10	The burden of mental disorders across the states of India: the Global Burden of Disease Study 1990â€“2017. <i>Lancet Psychiatry,the</i> , 2020, 7, 148-161.	7.4	387
11	The increasing burden of diabetes and variations among the states of India: the Global Burden of Disease Study 1990â€“2016. <i>The Lancet Global Health</i> , 2018, 6, e1352-e1362.	6.3	323
12	The changing patterns of cardiovascular diseases and their risk factors in the states of India: the Global Burden of Disease Study 1990â€“2016. <i>The Lancet Global Health</i> , 2018, 6, e1339-e1351.	6.3	283
13	The Burden of Cardiovascular Diseases Among US States, 1990-2016. <i>JAMA Cardiology</i> , 2018, 3, 375.	6.1	271
14	Health and economic impact of air pollution in the states of India: the Global Burden of Disease Study 2019. <i>Lancet Planetary Health, The</i> , 2021, 5, e25-e38.	11.4	269
15	The burden of cancers and their variations across the states of India: the Global Burden of Disease Study 1990â€“2016. <i>Lancet Oncology, The</i> , 2018, 19, 1289-1306.	10.7	265
16	Community health workers for non-communicable diseases prevention and control in developing countries: Evidence and implications. <i>PLoS ONE</i> , 2017, 12, e0180640.	2.5	160
17	Availability and affordability of blood pressure-lowering medicines and the effect on blood pressure control in high-income, middle-income, and low-income countries: an analysis of the PURE study data. <i>Lancet Public Health, The</i> , 2017, 2, e411-e419.	10.0	134
18	Gender differentials and state variations in suicide deaths in India: the Global Burden of Disease Study 1990â€“2016. <i>Lancet Public Health, The</i> , 2018, 3, e478-e489.	10.0	131

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19	Prevalence and risk factors of diabetes in a large community-based study in North India: results from a STEPS survey in Punjab, India. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 8.	2.7	119
20	Utility of Glycated Hemoglobin in Diagnosing Type 2 Diabetes Mellitus: A Community-Based Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2832-2835.	3.6	113
21	Urban rural differences in diet, physical activity and obesity in India: are we witnessing the great Indian equalisation? Results from a cross-sectional STEPS survey. <i>BMC Public Health</i> , 2016, 16, 816.	2.9	98
22	Road traffic injury mortality and its mechanisms in India: nationally representative mortality survey of 1.1 million homes. <i>BMJ Open</i> , 2013, 3, e002621.	1.9	97
23	Prevalence and risk factors of metabolic syndrome among Asian Indians: A community survey. <i>Diabetes Research and Clinical Practice</i> , 2010, 89, 181-188.	2.8	85
24	Alarming high prevalence of hypertension and pre-hypertension in North India-results from a large cross-sectional STEPS survey. <i>PLoS ONE</i> , 2017, 12, e0188619.	2.5	74
25	Mortality due to road injuries in the states of India: the Global Burden of Disease Study 1990-2017. <i>Lancet Public Health</i> , The, 2020, 5, e86-e98.	10.0	72
26	Epidemiological Study of High Cancer among Rural Agricultural Community of Punjab in Northern India. <i>International Journal of Environmental Research and Public Health</i> , 2008, 5, 399-407.	2.6	68
27	Divergent trends in ischaemic heart disease and stroke mortality in India from 2000 to 2015: a nationally representative mortality study. <i>The Lancet Global Health</i> , 2018, 6, e914-e923.	6.3	63
28	Epidemiological survey of rheumatic heart disease among school children in the Shimla Hills of northern India: prevalence and risk factors.. <i>Journal of Epidemiology and Community Health</i> , 1996, 50, 62-67.	3.7	61
29	Prevalence and risk factors of diabetes in a community-based study in North India: The Chandigarh Urban Diabetes Study (CUDS). <i>Diabetes and Metabolism</i> , 2011, 37, 216-221.	2.9	57
30	Biomass fuel and risk of tuberculosis: a case-control study from Northern India. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 457-461.	3.7	54
31	Socioeconomic factors and use of secondary preventive therapies for cardiovascular diseases in South Asia: The PURE study. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1261-1271.	1.8	54
32	The burden of neurological disorders across the states of India: the Global Burden of Disease Study 1990-2019. <i>The Lancet Global Health</i> , 2021, 9, e1129-e1144.	6.3	54
33	Profile of Risk Factors for Non-Communicable Diseases in Punjab, Northern India: Results of a State-Wide STEPS Survey. <i>PLoS ONE</i> , 2016, 11, e0157705.	2.5	53
34	Deaths from acute abdominal conditions and geographical access to surgical care in India: a nationally representative spatial analysis. <i>The Lancet Global Health</i> , 2015, 3, e646-e653.	6.3	50
35	Impact of mHealth application used by community health volunteers on improving utilisation of maternal, newborn and child health care services in a rural area of Uttar Pradesh, India. <i>Tropical Medicine and International Health</i> , 2017, 22, 895-907.	2.3	48
36	Socioeconomic Inequality in the Prevalence of Smoking and Smokeless Tobacco use in India. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 6965-6969.	1.2	47

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37	A study of health problems and loneliness among the elderly in Chandigarh. <i>Indian Journal of Community Medicine</i> , 2007, 32, 255.	0.4	45
38	Renal failure deaths and their risk factors in India 2001-13: nationally representative estimates from the Million Death Study. <i>The Lancet Global Health</i> , 2017, 5, e89-e95.	6.3	44
39	Unintentional injury deaths among children younger than 5 years of age in India: a nationally representative study. <i>Injury Prevention</i> , 2011, 17, 151-155.	2.4	42
40	Determinants of smokeless tobacco use in India. <i>Indian Journal of Medical Research</i> , 2018, 148, 41.	1.0	41
41	Prevalence and related risk factors of osteoporosis in peri- and postmenopausal Indian women. <i>Journal of Mid-Life Health</i> , 2011, 2, 81.	0.6	37
42	Prevalence and determinants of comorbid diabetes and hypertension: Evidence from non communicable disease risk factor STEPS survey, India. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2017, 11, S459-S465.	3.6	36
43	Adverse reproductive and child health outcomes among people living near highly toxic waste water drains in Punjab, India. <i>Journal of Epidemiology and Community Health</i> , 2010, 64, 148-154.	3.7	32
44	Burden of noncommunicable diseases and implementation challenges of National NCD Programmes in India. <i>Medical Journal Armed Forces India</i> , 2020, 76, 261-267.	0.8	32
45	Cost effectiveness of mHealth intervention by community health workers for reducing maternal and newborn mortality in rural Uttar Pradesh, India. <i>Cost Effectiveness and Resource Allocation</i> , 2018, 16, 25.	1.5	30
46	Non-communicable diseases risk factors and their determinants: A cross-sectional state-wide STEPS survey, Haryana, North India. <i>PLoS ONE</i> , 2019, 14, e0208872.	2.5	30
47	Cardiovascular disease risk management in a primary health care setting of north India. <i>Indian Heart Journal</i> , 2008, 60, 19-25.	0.5	30
48	Effect of ACE inhibitors and $\beta$ -blockers on homocysteine levels in essential hypertension. <i>Journal of Human Hypertension</i> , 2008, 22, 289-294.	2.2	28
49	Childhood and adult mortality from unintentional falls in India. <i>Bulletin of the World Health Organization</i> , 2011, 89, 733-740.	3.3	28
50	Widespread inequalities in smoking & smokeless tobacco consumption across wealth quintiles in States of India: Need for targeted interventions. <i>Indian Journal of Medical Research</i> , 2015, 141, 789.	1.0	28
51	Knowledge attitude, and practice regarding dietary salt intake among urban slum population of North India. <i>Journal of Family Medicine and Primary Care</i> , 2018, 7, 526.	0.9	25
52	Risk factors for cardiovascular diseases: is the social gradient reversing in northern India?. <i>The National Medical Journal of India</i> , 2010, 23, 206-9.	0.3	25
53	How to Effectively Monitor and Evaluate NCD Programmes in India. <i>Indian Journal of Community Medicine</i> , 2011, 36, 57.	0.4	24
54	Fall related injuries: A retrospective medical review study in North India. <i>Injury</i> , 2012, 43, 1996-2000.	1.7	24

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55	Errors in Filling WHO Death Certificate in Children: Lessons from 1251 Death Certificates. <i>Journal of Tropical Pediatrics</i> , 2014, 60, 74-78.	1.5	23
56	Progress and challenges in achieving noncommunicable diseases targets for the sustainable development goals. <i>FASEB BioAdvances</i> , 2021, 3, 563-568.	2.4	20
57	Burden and risk factors of dyslipidemia-results from a STEPS survey in Punjab India. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2017, 11, S21-S27.	3.6	19
58	Congenital heart disease among school children in Shimla hills. <i>Indian Heart Journal</i> , 1995, 47, 232-5.	0.5	19
59	Task shifting of cardiovascular risk assessment and communication by nurses for primary and secondary prevention of cardiovascular diseases in a tertiary health care setting of Northern India. <i>BMC Health Services Research</i> , 2020, 20, 10.	2.2	17
60	Persisting malnutrition in Chandigarh: Decadal underweight trends and impact of ICDS program. <i>Indian Pediatrics</i> , 2011, 48, 315-318.	0.4	16
61	Impact assessment and cost-effectiveness of m-health application used by community health workers for maternal, newborn and child health care services in rural Uttar Pradesh, India: a study protocol. <i>Global Health Action</i> , 2016, 9, 31473.	1.9	16
62	Impact of 20 Week Lifestyle Intervention Package on Anthropometric Biochemical and Behavioral Characteristics of Schoolchildren in North India. <i>Journal of Tropical Pediatrics</i> , 2016, 62, 368-376.	1.5	16
63	Is focus on prevention missing in national health programs? A situation analysis of IEC/BCC/Health promotion activities in a district setting of Punjab and Haryana. <i>Indian Journal of Community Medicine</i> , 2017, 42, 30.	0.4	16
64	Integrated healthy workplace model: An experience from North Indian industry. <i>Indian Journal of Industrial Medicine</i> , 2012, 16, 108.	0.4	15
65	Pilot testing of WHO Child Growth Standards in Chandigarh: implications for India's child health programmes. <i>Bulletin of the World Health Organization</i> , 2009, 87, 116-122.	3.3	15
66	Harnessing genomics to improve outcomes for women with cancer in India: key priorities for research. <i>Lancet Oncology</i> , The, 2018, 19, e102-e112.	10.7	14
67	Bone mineral density in healthy adult Indian population: the Chandigarh Urban Bone Epidemiological Study (CUBES). <i>Archives of Osteoporosis</i> , 2021, 16, 17.	2.4	14
68	Protecting health from climate change. <i>Indian Journal of Community Medicine</i> , 2008, 33, 139.	0.4	14
69	Epidemiological trends of RF/RHD in school children of Shimla in north India. <i>Indian Journal of Medical Research</i> , 2013, 137, 1121-7.	1.0	14
70	Developing and implementing an accreditation system for health promoting schools in Northern India: a cross-sectional study. <i>BMC Public Health</i> , 2014, 14, 1314.	2.9	13
71	Structural equation modeling to identify the risk factors of diabetes in the adult population of North India. <i>Tropical Medicine and Health</i> , 2018, 46, 23.	2.8	13
72	Compliance of secondary prophylaxis for controlling rheumatic fever and rheumatic heart disease in a rural area of northern India. <i>Indian Heart Journal</i> , 1997, 49, 282-8.	0.5	13

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73	Study to Test and Operationalize Preventive Approaches for CKD of Undetermined Etiology in Andhra Pradesh, India. <i>Kidney International Reports</i> , 2019, 4, 1412-1419.	0.8	12
74	Deaths from acute abdominal conditions and geographic access to surgical care in India: a nationally representative population-based spatial analysis. <i>Lancet</i> , The, 2015, 385, S32.	13.7	10
75	Efficacy of Flippits to Reduce Pain in Children during Venipuncture – A Randomized Controlled Trial. <i>Indian Journal of Pediatrics</i> , 2017, 84, 597-600.	0.8	10
76	Women and tobacco: A cross sectional study from North India. <i>Indian Journal of Cancer</i> , 2014, 51, 78.	0.2	10
77	Factors Associated with Physician Agreement on Verbal Autopsy of over 11500 Injury Deaths in India. <i>PLoS ONE</i> , 2012, 7, e30336.	2.5	9
78	Effectiveness of district health promotion model (Hoshiarpur Ambala model): An implementation experience from two districts from Northern part of India. <i>International Journal of Noncommunicable Diseases</i> , 2016, 1, 122.	0.2	9
79	Integrated community-based screening for cardiovascular diseases of childhood. <i>World Health Forum: an International Journal of Health Development</i> , 1997, 18, 24-7.	0.2	9
80	Dietary Patterns and Breast Cancer Risk: A Multi-Centre Case Control Study among North Indian Women. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1946.	2.6	8
81	Metabolic Bone Profile of Healthy Adult North Indian Population from Chandigarh Urban Bone Epidemiological Study (CUBES). <i>Indian Journal of Clinical Biochemistry</i> , 2021, 36, 67-73.	1.9	8
82	Assessing health workers' capacity for the prevention and control of noncommunicable diseases in Haroli health block of district Una in Himachal Pradesh, India: A mixed methods approach. <i>International Journal of Noncommunicable Diseases</i> , 2016, 1, 26.	0.2	8
83	Multidimensional dynamic healthcare personnel (HCP)-centric model from a low-income and middle-income country to support and protect COVID-19 warriors: a large prospective cohort study. <i>BMJ Open</i> , 2021, 11, e043837.	1.9	7
84	Impact of Underlying Comorbidities on Mortality in SARS-COV-2 Infected Cancer Patients: A Systematic Review and Meta-Analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 1333-1349.	1.2	7
85	Population-based comparison of chronic kidney disease prevalence and risk factors among adults living in the Punjab, Northern India and the USA (2013–2015). <i>BMJ Open</i> , 2020, 10, e040444.	1.9	7
86	Vulnerability assessment in slums of union territory, Chandigarh. <i>Indian Journal of Community Medicine</i> , 2007, 32, 189.	0.4	7
87	Novel Coronavirus Pandemic may worsen existing Global Noncommunicable disease crisis. <i>International Journal of Noncommunicable Diseases</i> , 2020, 5, 1.	0.2	7
88	COVID-19 and noncommunicable diseases: Impact and the strategic approaches. <i>International Journal of Noncommunicable Diseases</i> , 2020, 5, 29.	0.2	7
89	A community-based pragmatic, controlled trial for preventing and reducing oral diseases among 1–6-year-old children visiting Anganwadi centers, under the Integrated Child Development Scheme, India. <i>BMC Public Health</i> , 2019, 19, 1626.	2.9	6
90	Inequity in access to inpatient healthcare services for non-communicable diseases in India and the role of out-of-pocket payments. <i>The National Medical Journal of India</i> , 2017, 30, 249.	0.3	6

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91	Need of palliative care services in rural area of Northern India. Indian Journal of Palliative Care, 2020, 26, 528.	1.0	6
92	Prevalence, Awareness, Treatment, and Control of Hypertension and Diabetes: Results From Two State-Wide STEPS Survey in Punjab and Haryana, India. Frontiers in Public Health, 2022, 10, 768471.	2.7	6
93	Experimental re-evaluation of flunarizine as add-on antiepileptic therapy. Journal of Pharmacy and Bioallied Sciences, 2011, 3, 253.	0.6	5
94	Chandigarh: The first smoke-free city in India. Indian Journal of Community Medicine, 2007, 32, 169.	0.4	5
95	Overview of national strategies on noncommunicable disease and adolescent health in South-East Asia Region countries. International Journal of Noncommunicable Diseases, 2016, 1, 76.	0.2	5
96	m-STEPS: Developing and implementing a smart innovative android tool for noncommunicable disease risk factor (STEPS) survey in India. International Journal of Noncommunicable Diseases, 2016, 1, 91.	0.2	5
97	Linkage of cancer registration with cancer treatment in predominantly rural district: A model form Sangrur district, Punjab state, India. International Journal of Noncommunicable Diseases, 2018, 3, 56.	0.2	5
98	emm Type distribution pattern of group A streptococcus in north India: need for a new preventive approach. Indian Journal of Medical Research, 2010, 132, 741-4.	1.0	5
99	Nutritional status of pre-school children in an integrated child development service (ICDS) block of Chandigarh. Journal of the Indian Medical Association, 2001, 99, 554-6.	0.2	5
100	Effectiveness of targeting the health promotion settings for non-communicable disease control in low/middle-income countries: systematic review protocol. BMJ Open, 2018, 8, e014559.	1.9	4
101	Prevalence of epilepsy and its association with exposure to Toxocara canis: A community-based, case-control study from rural Northern India. Annals of Indian Academy of Neurology, 2019, 22, 533.	0.5	4
102	Key recommendations of high-level expert group report on universal health coverage for India. Indian Journal of Community Medicine, 2011, 36, S84-5.	0.4	4
103	Prevalence of Epilepsy and its Association with Exposure to : A Community Based, Case-control Study from Rural Northern India. Annals of Indian Academy of Neurology, 2018, 21, 263-269.	0.5	4
104	Feasibility of Training Community Health Workers in the Detection of Oral Cancer. JAMA Network Open, 2022, 5, e2144022.	5.9	4
105	Integrated non-communicable disease control program in a Northern part of India: Lessons from a demonstration project in low resource settings of a developing country. CVD Prevention and Control, 2009, 4, 193.	0.7	3
106	Protocol for a systematic review of reviews evaluating effectiveness of mass media interventions for prevention and control of non-communicable diseases. BMJ Open, 2020, 10, e032611.	1.9	3
107	Dietary salt intake estimation by routine healthcare workers in an urban slum of Chandigarh: A feasibility study. International Journal of Noncommunicable Diseases, 2016, 1, 55.	0.2	3
108	Enhancing hepatoprotective bioactives of phyllanthus amarus through immobilization by growth promoters and media changes. Indian Journal of Pharmaceutical Sciences, 2011, 73, 271-5.	1.0	3

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109	Linking vitamin A distribution to the Pulse Polio Program. Indian Pediatrics, 2001, 38, 103-7.	0.4	3
110	Costing of a State-Wide Population Based Cancer Awareness and Early Detection Campaign in a 2.67 Million Population of Punjab State in Northern India. Asian Pacific Journal of Cancer Prevention, 2016, 17, 791-797.	1.2	2
111	Effectiveness of cardiac rehabilitation in patients with myocardial infarction and percutaneous coronary intervention at a tertiary care hospital: A pilot intervention study. International Journal of Noncommunicable Diseases, 2018, 3, 104.	0.2	2
112	Incidence and Pattern of Childhood Cancers in India: Findings from Population-based Cancer Registries. Indian Journal of Medical and Paediatric Oncology, 2017, 38, 240-241.	0.2	2
113	Conventional risk factors of coronary artery disease in a tertiary care hospital of Chandigarh in Northern part of India. CVD Prevention and Control, 2011, 6, 113-119.	0.7	1
114	Use of Fluoridated Dentifrices among Children: Are We in the Right Direction?. Annals of the National Academy of Medical Sciences (India), 2019, 55, 054-059.	0.3	1
115	Awareness and adherence to primary and primordial preventive measures among family members of patients with myocardial infarction-the unmet need for a "Preventive Clinic". Indian Heart Journal, 2020, 72, 454-458.	0.5	1
116	Self-reported prevalence of cardiovascular diseases in an urban area of Chandigarh city. Indian Journal of Community Medicine, 2007, 32, 302.	0.4	1
117	Congenital cytomegalovirus infection in Shimla Hills, Himachal Pradesh, India. Journal of Communicable Diseases, 1995, 27, 23-6.	0.1	1
118	Health outcomes and comorbidities among Covid-19 patients from a Peri urban community of Chandigarh. Asian Journal of Nursing Education and Research, 2022, , 235-238.	0.7	1
119	FALL RELATED INJURIES: A RETROSPECTIVE MEDICAL REVIEW STUDY IN NORTH INDIA. Injury Prevention, 2012, 18, A66.1-A66.	2.4	0
120	P133...Occupation and risk of breast cancer in punjab, india: a multi-centre case-control study. , 2016, , .		0
121	Neglected non communicable diseases"Watching a public health disaster unfold. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2018, 12, 79.	3.6	0
122	Global health and wellness initiative of world noncommunicable disease federation " Play, laugh, and grow (Indian version: Khelo, Hasso Aur Hasao, Badho Aur Badhao, India). International Journal of Noncommunicable Diseases, 2021, 6, 1.	0.2	0
123	Smart Health and Wellness Promoting Villages: A Case Study from India. , 2022, , 321-329.		0
124	Knowledge and practice of oral polio vaccine-vaccine vial monitor among health personnel in India. Indian Journal of Community Medicine, 2007, 32, 283.	0.4	0
125	Research Output and Publications Impact of Postgraduate Institute of Medical Education and Research Chandigarh (1999-2008). Journal of Postgraduate Medicine Education and Research, 2012, 46, 129-137.	0.1	0
126	Development and cost estimates of an integrated noncommunicable disease registry in North India: A study protocol. International Journal of Noncommunicable Diseases, 2019, 4, 49.	0.2	0



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127	Development and validation of composite risk score to assess risks of major noncommunicable diseases in Northern Indian populations: A research protocol. International Journal of Noncommunicable Diseases, 2020, 5, 207.	0.2	0