

# Sumathy Rangarajan

## List of Publications by Citations

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98  
papers

13,283  
citations

40  
h-index

106  
g-index

106  
ext. papers

17,279  
ext. citations

14.2  
avg, IF

5.35  
L-index

#	Paper	IF	Citations
98	Risk factors for ischaemic and intracerebral haemorrhagic stroke in 22 countries (the INTERSTROKE study): a case-control study. <i>Lancet, The</i> , <b>2010</b> , 376, 112-23	40	1971
97	Prevalence, awareness, treatment, and control of hypertension in rural and urban communities in high-, middle-, and low-income countries. <i>JAMA - Journal of the American Medical Association</i> , <b>2013</b> , 310, 959-68	27.4	992
96	Global and regional effects of potentially modifiable risk factors associated with acute stroke in 32 countries (INTERSTROKE): a case-control study. <i>Lancet, The</i> , <b>2016</b> , 388, 761-75	40	903
95	Prognostic value of grip strength: findings from the Prospective Urban Rural Epidemiology (PURE) study. <i>Lancet, The</i> , <b>2015</b> , 386, 266-73	40	871
94	Use of secondary prevention drugs for cardiovascular disease in the community in high-income, middle-income, and low-income countries (the PURE Study): a prospective epidemiological survey. <i>Lancet, The</i> , <b>2011</b> , 378, 1231-43	40	627
93	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> , <b>2017</b> , 390, 2050-2062	40	583
92	Urinary sodium and potassium excretion, mortality, and cardiovascular events. <i>New England Journal of Medicine</i> , <b>2014</b> , 371, 612-23	59.2	553
91	Cardiovascular risk and events in 17 low-, middle-, and high-income countries. <i>New England Journal of Medicine</i> , <b>2014</b> , 371, 818-27	59.2	499
90	Association of urinary sodium and potassium excretion with blood pressure. <i>New England Journal of Medicine</i> , <b>2014</b> , 371, 601-11	59.2	494
89	The effect of physical activity on mortality and cardiovascular disease in 130 000 people from 17 high-income, middle-income, and low-income countries: the PURE study. <i>Lancet, The</i> , <b>2017</b> , 390, 2643-2654	40	492
88	The Prospective Urban Rural Epidemiology (PURE) study: examining the impact of societal influences on chronic noncommunicable diseases in low-, middle-, and high-income countries. <i>American Heart Journal</i> , <b>2009</b> , 158, 1-7.e1	4.9	396
87	Modifiable risk factors, cardiovascular disease, and mortality in 155 722 individuals from 21 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. <i>Lancet, The</i> , <b>2020</b> , 395, 795-808	40	342
86	Dietary patterns and the risk of acute myocardial infarction in 52 countries: results of the INTERHEART study. <i>Circulation</i> , <b>2008</b> , 118, 1929-37	16.7	301
85	Fruit, vegetable, and legume intake, and cardiovascular disease and deaths in 18 countries (PURE): a prospective cohort study. <i>Lancet, The</i> , <b>2017</b> , 390, 2037-2049	40	285
84	Associations of urinary sodium excretion with cardiovascular events in individuals with and without hypertension: a pooled analysis of data from four studies. <i>Lancet, The</i> , <b>2016</b> , 388, 465-75	40	284
83	Characteristics, complications, and gaps in evidence-based interventions in rheumatic heart disease: the Global Rheumatic Heart Disease Registry (the REMEDY study). <i>European Heart Journal</i> , <b>2015</b> , 36, 1115-22a	9.5	278
82	Variations in common diseases, hospital admissions, and deaths in middle-aged adults in 21 countries from five continents (PURE): a prospective cohort study. <i>Lancet, The</i> , <b>2020</b> , 395, 785-794	40	218

81	Availability and affordability of cardiovascular disease medicines and their effect on use in high-income, middle-income, and low-income countries: an analysis of the PURE study data. <i>Lancet, The</i> , <b>2016</b> , 387, 61-9	40	211
80	Availability, affordability, and consumption of fruits and vegetables in 18 countries across income levels: findings from the Prospective Urban Rural Epidemiology (PURE) study. <i>The Lancet Global Health</i> , <b>2016</b> , 4, e695-703	13.6	199
79	Association of dairy intake with cardiovascular disease and mortality in 21 countries from five continents (PURE): a prospective cohort study. <i>Lancet, The</i> , <b>2018</b> , 392, 2288-2297	40	191
78	Urinary sodium excretion, blood pressure, cardiovascular disease, and mortality: a community-level prospective epidemiological cohort study. <i>Lancet, The</i> , <b>2018</b> , 392, 496-506	40	159
77	Socioeconomic status and risk of cardiovascular disease in 20 low-income, middle-income, and high-income countries: the Prospective Urban Rural Epidemiologic (PURE) study. <i>The Lancet Global Health</i> , <b>2019</b> , 7, e748-e760	13.6	153
76	Metabolic syndrome and risk of acute myocardial infarction a case-control study of 26,903 subjects from 52 countries. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 2390-8	15.1	146
75	Clinical Outcomes in 3343 Children and Adults With Rheumatic Heart Disease From 14 Low- and Middle-Income Countries: Two-Year Follow-Up of the Global Rheumatic Heart Disease Registry (the REMEDY Study). <i>Circulation</i> , <b>2016</b> , 134, 1456-1466	16.7	136
74	Reference ranges of handgrip strength from 125,462 healthy adults in 21 countries: a prospective urban rural epidemiologic (PURE) study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , <b>2016</b> , 7, 535-546	10.3	129
73	Association of dietary nutrients with blood lipids and blood pressure in 18 countries: a cross-sectional analysis from the PURE study. <i>Lancet Diabetes and Endocrinology, the</i> , <b>2017</b> , 5, 774-787	18.1	125
72	Alcohol consumption and cardiovascular disease, cancer, injury, admission to hospital, and mortality: a prospective cohort study. <i>Lancet, The</i> , <b>2015</b> , 386, 1945-1954	40	116
71	Variations in Diabetes Prevalence in Low-, Middle-, and High-Income Countries: Results From the Prospective Urban and Rural Epidemiological Study. <i>Diabetes Care</i> , <b>2016</b> , 39, 780-7	14.6	104
70	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> , <b>2017</b> , 2, e411-e419	22.4	90
69	Prospective Urban Rural Epidemiology (PURE) study: Baseline characteristics of the household sample and comparative analyses with national data in 17 countries. <i>American Heart Journal</i> , <b>2013</b> , 166, 636-646.e4	4.9	87
68	Association of estimated sleep duration and naps with mortality and cardiovascular events: a study of 116 632 people from 21 countries. <i>European Heart Journal</i> , <b>2019</b> , 40, 1620-1629	9.5	82
67	Physical Activity and Anger or Emotional Upset as Triggers of Acute Myocardial Infarction: The INTERHEART Study. <i>Circulation</i> , <b>2016</b> , 134, 1059-1067	16.7	79
66	Health Effects of Household Solid Fuel Use: Findings from 11 Countries within the Prospective Urban and Rural Epidemiology Study. <i>Environmental Health Perspectives</i> , <b>2019</b> , 127, 57003	8.4	60
65	Variations between women and men in risk factors, treatments, cardiovascular disease incidence, and death in 27 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. <i>Lancet, The</i> , <b>2020</b> , 396, 97-109	40	59
64	Plasma ACE2 and risk of death or cardiometabolic diseases: a case-cohort analysis. <i>Lancet, The</i> , <b>2020</b> , 396, 968-976	40	59

63	Joint association of urinary sodium and potassium excretion with cardiovascular events and mortality: prospective cohort study. <i>BMJ, The</i> , <b>2019</b> , 364, l772	5.9	50
62	Mortality and cardiovascular and respiratory morbidity in individuals with impaired FEV (PURE): an international, community-based cohort study. <i>The Lancet Global Health</i> , <b>2019</b> , 7, e613-e623	13.6	47
61	Global differences in lung function by region (PURE): an international, community-based prospective study. <i>Lancet Respiratory Medicine</i> , <b>2013</b> , 1, 599-609	35.1	46
60	Wealth and cardiovascular health: a cross-sectional study of wealth-related inequalities in the awareness, treatment and control of hypertension in high-, middle- and low-income countries. <i>International Journal for Equity in Health</i> , <b>2016</b> , 15, 199	4.6	45
59	Inequalities in the use of secondary prevention of cardiovascular disease by socioeconomic status: evidence from the PURE observational study. <i>The Lancet Global Health</i> , <b>2018</b> , 6, e292-e301	13.6	44
58	Associations of outdoor fine particulate air pollution and cardiovascular disease in 157 436 individuals from 21 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. <i>Lancet Planetary Health</i> , <b>2020</b> , 4, e235-e245	9.8	40
57	Glycemic Index, Glycemic Load, and Cardiovascular Disease and Mortality. <i>New England Journal of Medicine</i> , <b>2021</b> , 384, 1312-1322	59.2	39
56	Household and personal air pollution exposure measurements from 120 communities in eight countries: results from the PURE-AIR study. <i>Lancet Planetary Health</i> , <b>2020</b> , 4, e451-e462	9.8	37
55	Socioeconomic factors and use of secondary preventive therapies for cardiovascular diseases in South Asia: The PURE study. <i>European Journal of Preventive Cardiology</i> , <b>2015</b> , 22, 1261-71	3.9	36
54	Association of Household Wealth Index, Educational Status, and Social Capital with Hypertension Awareness, Treatment, and Control in South Asia. <i>American Journal of Hypertension</i> , <b>2017</b> , 30, 373-381	2.3	34
53	The household economic burden of non-communicable diseases in 18 countries. <i>BMJ Global Health</i> , <b>2020</b> , 5, e002040	6.6	33
52	Prognostic validation of a non-laboratory and a laboratory based cardiovascular disease risk score in multiple regions of the world. <i>Heart</i> , <b>2018</b> , 104, 581-587	5.1	31
51	Association of Symptoms of Depression With Cardiovascular Disease and Mortality in Low-, Middle-, and High-Income Countries. <i>JAMA Psychiatry</i> , <b>2020</b> , 77, 1052-1063	14.5	29
50	Association of dairy consumption with metabolic syndrome, hypertension and diabetes in 147 812 individuals from 21 countries. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	25
49	Effects of bidi smoking on all-cause mortality and cardiorespiratory outcomes in men from south Asia: an observational community-based substudy of the Prospective Urban Rural Epidemiology Study (PURE). <i>The Lancet Global Health</i> , <b>2017</b> , 5, e168-e176	13.6	24
48	The environmental profile of a community's health: a cross-sectional study on tobacco marketing in 16 countries. <i>Bulletin of the World Health Organization</i> , <b>2015</b> , 93, 851-61G	8.2	24
47	Prevalence, awareness, treatment and control of hypertension in rural and urban communities in Latin American countries. <i>Journal of Hypertension</i> , <b>2019</b> , 37, 1813-1821	1.9	23
46	Association of Urinary Sodium Excretion With Blood Pressure and Cardiovascular Clinical Events in 17,033 Latin Americans. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 796-805	2.3	21

45	Exploring the Association between Serum BDNF and Attempted Suicide. <i>Scientific Reports</i> , <b>2016</b> , 6, 25229	4.9	21
44	Social disparities explain differences in hypertension prevalence, detection and control in Colombia. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 2344-2352	1.9	21
43	Assessment of Dietary Sodium and Potassium in Canadians Using 24-Hour Urinary Collection. <i>Canadian Journal of Cardiology</i> , <b>2016</b> , 32, 319-26	3.8	20
42	Assessing global risk factors for non-fatal injuries from road traffic accidents and falls in adults aged 35-70 years in 17 countries: a cross-sectional analysis of the Prospective Urban Rural Epidemiological (PURE) study. <i>Injury Prevention</i> , <b>2016</b> , 22, 92-8	3.2	20
41	Incidental magnetic resonance diffusion-weighted imaging-positive lesions are rare in neurologically asymptomatic community-dwelling adults. <i>Stroke</i> , <b>2014</b> , 45, 2115-7	6.7	20
40	Association of ultra-processed food intake with risk of inflammatory bowel disease: prospective cohort study. <i>BMJ, The</i> , <b>2021</b> , 374, n1554	5.9	20
39	White Rice Intake and Incident Diabetes: A Study of 132,373 Participants in 21 Countries. <i>Diabetes Care</i> , <b>2020</b> , 43, 2643-2650	14.6	19
38	Long-term exposure to outdoor and household air pollution and blood pressure in the Prospective Urban and Rural Epidemiological (PURE) study. <i>Environmental Pollution</i> , <b>2020</b> , 262, 114197	9.3	18
37	Associations of Fish Consumption With Risk of Cardiovascular Disease and Mortality Among Individuals With or Without Vascular Disease From 58 Countries. <i>JAMA Internal Medicine</i> , <b>2021</b> , 181, 631-649	11.5	17
36	Household, Community, Sub-National and Country-level Predictors of Primary Cooking Fuel Switching in Nine Countries from the PURE Study. <i>Environmental Research Letters</i> , <b>2019</b> , 14,	6.2	16
35	Profile of suicide attempts and risk factors among psychiatric patients: A case-control study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192998	3.7	16
34	Associations of unprocessed and processed meat intake with mortality and cardiovascular disease in 21 countries [Prospective Urban Rural Epidemiology (PURE) Study]: a prospective cohort study. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 1049-1058	7	16
33	Exploring the Determinants of Suicidal Behavior: Conventional and Emergent Risk (DISCOVER): a feasibility study. <i>Pilot and Feasibility Studies</i> , <b>2015</b> , 1, 17	1.9	15
32	Associations of cereal grains intake with cardiovascular disease and mortality across 21 countries in Prospective Urban and Rural Epidemiology study: prospective cohort study. <i>BMJ, The</i> , <b>2021</b> , 372, m4948	5.9	14
31	Association of nut intake with risk factors, cardiovascular disease, and mortality in 16 countries from 5 continents: analysis from the Prospective Urban and Rural Epidemiology (PURE) study. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 208-219	7	11
30	Global variations in the prevalence, treatment, and impact of atrial fibrillation in a multi-national cohort of 153 152 middle-aged individuals. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 1523-1531	9.9	11
29	Association patterns of urinary sodium, potassium, and their ratio with blood pressure across various levels of salt-diet regions in China. <i>Scientific Reports</i> , <b>2018</b> , 8, 6727	4.9	10
28	Adverse health impacts of cooking with kerosene: A multi-country analysis within the Prospective Urban and Rural Epidemiology Study. <i>Environmental Research</i> , <b>2020</b> , 188, 109851	7.9	10

27	Variations in incidence of venous thromboembolism in low-, middle-, and high-income countries. <i>Cardiovascular Research</i> , <b>2021</b> , 117, 576-584	9.9	10
26	Variations in knowledge, awareness and treatment of hypertension and stroke risk by country income level. <i>Heart</i> , <b>2020</b> ,	5.1	8
25	Exploring metabolic factors and health behaviors in relation to suicide attempts: A case-control study. <i>Journal of Affective Disorders</i> , <b>2018</b> , 229, 386-395	6.6	7
24	Digoxin and clinical outcomes in the Global Rheumatic Heart Disease Registry. <i>Heart</i> , <b>2019</b> , 105, 363-369	5.1	7
23	Tyrosine kinase inhibitors in chronic myeloid leukaemia and emergent cardiovascular disease. <i>Heart</i> , <b>2021</b> , 107, 667-673	5.1	7
22	Does greater individual social capital improve the management of hypertension? Cross-national analysis of 61 229 individuals in 21 countries. <i>BMJ Global Health</i> , <b>2017</b> , 2, e000443	6.6	5
21	Re-examination of classic risk factors for suicidal behavior in the psychiatric population. <i>Crisis</i> , <b>2015</b> , 36, 231-40	2.8	5
20	Relationship between diet and acculturation among South Asian children living in Canada. <i>Appetite</i> , <b>2020</b> , 147, 104524	4.5	5
19	Sex differences in social risk factors for suicidal behaviour. <i>Mental Health and Prevention</i> , <b>2017</b> , 8, 1-6	2.3	4
18	Urinary Sodium and Potassium, and Risk of Ischemic and Hemorrhagic Stroke (INTERSTROKE): A Case-Control Study. <i>American Journal of Hypertension</i> , <b>2021</b> , 34, 414-425	2.3	4
17	Effect of Cognitive Reserve on the Association of Vascular Brain Injury With Cognition: Analysis of the PURE and CAHHM Studies. <i>Neurology</i> , <b>2021</b> , 97, e1707-e1716	6.5	4
16	Anger or emotional upset and heavy physical exertion as triggers of stroke: the INTERSTROKE study. <i>European Heart Journal</i> , <b>2021</b> ,	9.5	3
15	Associations of household solid fuel for heating and cooking with hypertension in Chinese adults. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 667-676	1.9	3
14	Comparability of a short food frequency questionnaire to assess diet quality: the DISCOVER study. <i>International Journal of Food Sciences and Nutrition</i> , <b>2017</b> , 68, 726-732	3.7	2
13	Low levels of awareness, treatment, and control of hypertension in Andean communities of Ecuador. <i>Journal of Clinical Hypertension</i> , <b>2020</b> , 22, 1530-1537	2.3	2
12	Differences and agreement between two portable hand-held spirometers across diverse community-based populations in the Prospective Urban Rural Epidemiology (PURE) study. <i>PLOS Global Public Health</i> , <b>2022</b> , 2, e0000141		1
11	Variations in risks from smoking between high-income, middle-income, and low-income countries: an analysis of data from 179 000 participants from 63 countries.. <i>The Lancet Global Health</i> , <b>2022</b> , 10, e216-e226	13.6	1
10	Variations in the financial impact of the COVID-19 pandemic across 5 continents: A cross-sectional, individual level analysis.. <i>EClinicalMedicine</i> , <b>2022</b> , 44, 101284	11.3	1

9	Risk of cardiovascular events in patients with metabolic syndrome: Results of a population-based prospective cohort study (PURE Turkey). <i>Anatolian Journal of Cardiology</i> , <b>2020</b> , 24, 192-200	0.8	1
8	Renal Impairment and Risk of Acute Stroke: The INTERSTROKE Study. <i>Neuroepidemiology</i> , <b>2021</b> , 55, 206-215	3.15	1
7	Prevalence of metabolic syndrome and diabetes mellitus type-2 and their association with intake of dairy and legume in Andean communities of Ecuador. <i>PLoS ONE</i> , <b>2021</b> , 16, e0254812	3.7	1
6	Relationship of parental feeding practices and diet with children's diet among South Asians in Canada.. <i>Appetite</i> , <b>2022</b> , 105991	4.5	1
5	Measuring and predicting personal and household Black Carbon levels from 88 communities in eight countries. <i>Science of the Total Environment</i> , <b>2021</b> , 818, 151849	10.2	0
4	Multinational prediction of household and personal exposure to fine particulate matter (PM) in the PURE cohort study.. <i>Environment International</i> , <b>2021</b> , 159, 107021	12.9	0
3	Development and Comparability of a Short Food-Frequency Questionnaire to Assess Diet in Prostate Cancer Patients: The Role of Androgen Deprivation Therapy in Cardiovascular Disease - A Longitudinal Prostate Cancer Study (RADICAL PC) Substudy. <i>Current Developments in Nutrition</i> , <b>2021</b> , 5, nzab106	0.4	0
2	Personal and household PM and black carbon exposure measures and respiratory symptoms in 8 low- and middle-income countries.. <i>Environmental Research</i> , <b>2022</b> , 212, 113430	7.9	0
1	Characterizing Frailty In Myeloproliferative Neoplasms: results from the ORCHID study.. <i>Leukemia Research</i> , <b>2022</b> , 113, 106788	2.7	