

Sumathy Rangarajan

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

20,666
citations

38742

50
h-index

29157

104
g-index

106
all docs

106
docs citations

106
times ranked

27843
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk factors for ischaemic and intracerebral haemorrhagic stroke in 22 countries (the INTERSTROKE) Tj ETQq1 1 0.784314 rgBT /Overbo	13.7	2,565
2	Prevalence, Awareness, Treatment, and Control of Hypertension in Rural and Urban Communities in High-, Middle-, and Low-Income Countries. JAMA - Journal of the American Medical Association, 2013, 310, 959.	7.4	1,422
3	Global and regional effects of potentially modifiable risk factors associated with acute stroke in 32 countries (INTERSTROKE): a case-control study. Lancet, The, 2016, 388, 761-775.	13.7	1,414
4	Prognostic value of grip strength: findings from the Prospective Urban Rural Epidemiology (PURE) study. Lancet, The, 2015, 386, 266-273.	13.7	1,295
5	Modifiable risk factors, cardiovascular disease, and mortality in 155â€™722 individuals from 21 high-income, middle-income, and low-income countries (PURE): a prospective cohort study. Lancet, The, 2020, 395, 795-808.	13.7	935
6	Associations of fats and carbohydrate intake with cardiovascular disease and mortality in 18 countries from five continents (PURE): a prospective cohort study. Lancet, The, 2017, 390, 2050-2062.	13.7	841
7	The effect of physical activity on mortality and cardiovascular disease in 130â€™000 people from 17 high-income, middle-income, and low-income countries: the PURE study. Lancet, The, 2017, 390, 2643-2654.	13.7	838
8	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. Lancet, The, 2011, 378, 1231-1243.	13.7	803
9	Urinary Sodium and Potassium Excretion, Mortality, and Cardiovascular Events. New England Journal of Medicine, 2014, 371, 612-623.	27.0	725
10	Association of Urinary Sodium and Potassium Excretion with Blood Pressure. New England Journal of Medicine, 2014, 371, 601-611.	27.0	687
11	Cardiovascular Risk and Events in 17 Low-, Middle-, and High-Income Countries. New England Journal of Medicine, 2014, 371, 818-827.	27.0	679
12	The Prospective Urban Rural Epidemiology (PURE) study: Examining the impact of societal influences on chronic noncommunicable diseases in low-, middle-, and high-income countries. American Heart Journal, 2009, 158, 1-7.e1.	2.7	495
13	Fruit, vegetable, and legume intake, and cardiovascular disease and deaths in 18 countries (PURE): a prospective cohort study. Lancet, The, 2017, 390, 2037-2049.	13.7	446
14	Variations in common diseases, hospital admissions, and deaths in middle-aged adults in 21 countries from five continents (PURE): a prospective cohort study. Lancet, The, 2020, 395, 785-794.	13.7	428
15	Characteristics, complications, and gaps in evidence-based interventions in rheumatic heart disease: the Global Rheumatic Heart Disease Registry (the REMEDY study). European Heart Journal, 2015, 36, 1115-1122.	2.2	391
16	Associations of urinary sodium excretion with cardiovascular events in individuals with and without hypertension: a pooled analysis of data from four studies. Lancet, The, 2016, 388, 465-475.	13.7	381
17	Dietary Patterns and the Risk of Acute Myocardial Infarction in 52 Countries. Circulation, 2008, 118, 1929-1937.	1.6	367
18	Socioeconomic status and risk of cardiovascular disease in 20 low-income, middle-income, and high-income countries: the Prospective Urban Rural Epidemiologic (PURE) study. The Lancet Global Health, 2019, 7, e748-e760.	6.3	340

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19	Association of dairy intake with cardiovascular disease and mortality in 21 countries from five continents (PURE): a prospective cohort study. <i>Lancet, The</i> , 2018, 392, 2288-2297.	13.7	295
20	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> , 2016, 4, e695-e703.	6.3	287
21	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> , 2016, 387, 61-69.	13.7	272
22	Urinary sodium excretion, blood pressure, cardiovascular disease, and mortality: a community-level prospective epidemiological cohort study. <i>Lancet, The</i> , 2018, 392, 496-506.	13.7	243
23	Clinical Outcomes in 3343 Children and Adults With Rheumatic Heart Disease From 14 Low- and Middle-Income Countries. <i>Circulation</i> , 2016, 134, 1456-1466.	1.6	213
24	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> , 2019, 40, 1620-1629.	2.2	208
25	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> , 2017, 5, 774-787.	11.4	198
26	Metabolic Syndrome and Risk of Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2010, 55, 2390-2398.	2.8	197
27	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> , 2020, 396, 97-109.	13.7	194
28	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> , 2016, 7, 535-546.	7.3	191
29	Alcohol consumption and cardiovascular disease, cancer, injury, admission to hospital, and mortality: a prospective cohort study. <i>Lancet, The</i> , 2015, 386, 1945-1954.	13.7	163
30	Variations in Diabetes Prevalence in Low-, Middle-, and High-Income Countries: Results From the Prospective Urban and Rural Epidemiological Study. <i>Diabetes Care</i> , 2016, 39, 780-787.	8.6	138
31	Association of ultra-processed food intake with risk of inflammatory bowel disease: prospective cohort study. <i>BMJ, The</i> , 2021, 374, n1554.	6.0	136
32	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
33	Glycemic Index, Glycemic Load, and Cardiovascular Disease and Mortality. <i>New England Journal of Medicine</i> , 2021, 384, 1312-1322.	27.0	124
34	Mortality and cardiovascular and respiratory morbidity in individuals with impaired FEV1 (PURE): an international, community-based cohort study. <i>The Lancet Global Health</i> , 2019, 7, e613-e623.	6.3	122
35	Plasma ACE2 and risk of death or cardiometabolic diseases: a case-cohort analysis. <i>Lancet, The</i> , 2020, 396, 968-976.	13.7	119
36	Health Effects of Household Solid Fuel Use: Findings from 11 Countries within the Prospective Urban and Rural Epidemiology Study. <i>Environmental Health Perspectives</i> , 2019, 127, 57003.	6.0	117

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37	Association of Symptoms of Depression With Cardiovascular Disease and Mortality in Low-, Middle-, and High-Income Countries. <i>JAMA Psychiatry</i> , 2020, 77, 1052.	11.0	116
38	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> , 2013, 166, 636-646.e4.	2.7	113
39	Physical Activity and Anger or Emotional Upset as Triggers of Acute Myocardial Infarction. <i>Circulation</i> , 2016, 134, 1059-1067.	1.6	112
40	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> , The, 2020, 4, e235-e245.	11.4	106
41	The household economic burden of non-communicable diseases in 18 countries. <i>BMJ Global Health</i> , 2020, 5, e002040.	4.7	90
42	Household and personal air pollution exposure measurements from 120 communities in eight countries: results from the PURE-AIR study. <i>Lancet Planetary Health</i> , The, 2020, 4, e451-e462.	11.4	88
43	Joint association of urinary sodium and potassium excretion with cardiovascular events and mortality: prospective cohort study. <i>BMJ: British Medical Journal</i> , 2019, 364, l772.	2.3	85
44	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> , 2018, 6, e292-e301.	6.3	73
45	Global differences in lung function by region (PURE): an international, community-based prospective study. <i>Lancet Respiratory Medicine</i> , the, 2013, 1, 599-609.	10.7	68
46	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> , 2021, 181, 631.	5.1	68
47	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> , 2016, 15, 199.	3.5	67
48	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> , 2020, 8, e000826.	2.8	57
49	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> , 2017, 30, 373-381.	2.0	56
50	Prevalence, awareness, treatment and control of hypertension in rural and urban communities in Latin American countries. <i>Journal of Hypertension</i> , 2019, 37, 1813-1821.	0.5	56
51	White Rice Intake and Incident Diabetes: A Study of 132,373 Participants in 21 Countries. <i>Diabetes Care</i> , 2020, 43, 2643-2650.	8.6	55
52	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
53	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</i> , The, 2021, 372, m4948.	6.0	53
54	Prognostic validation of a non-laboratory and a laboratory based cardiovascular disease risk score in multiple regions of the world. <i>Heart</i> , 2018, 104, 581-587.	2.9	49

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55	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> , 2020, 262, 114197.	7.5	47
56	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> , 2021, 114, 1049-1058.	4.7	46
57	Modifiable risk factors associated with cardiovascular disease and mortality in China: a PURE substudy. <i>European Heart Journal</i> , 2022, 43, 2852-2863.	2.2	42
58	Cardiovascular disease, mortality, and their associations with modifiable risk factors in a multi-national South Asia cohort: a PURE substudy. <i>European Heart Journal</i> , 2022, 43, 2831-2840.	2.2	42
59	Social disparities explain differences in hypertension prevalence, detection and control in Colombia. <i>Journal of Hypertension</i> , 2016, 34, 2344-2352.	0.5	41
60	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> , 2020, 112, 208-219.	4.7	33
61	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> , 2021, 117, 1523-1531.	3.8	33
62	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> , 2017, 5, e168-e176.	6.3	31
63	Variations in incidence of venous thromboembolism in low-, middle-, and high-income countries. <i>Cardiovascular Research</i> , 2021, 117, 576-584.	3.8	31
64	Risk factors, cardiovascular disease, and mortality in South America: a PURE substudy. <i>European Heart Journal</i> , 2022, 43, 2841-2851.	2.2	30
65	Association of Sitting Time With Mortality and Cardiovascular Events in High-Income, Middle-Income, and Low-Income Countries. <i>JAMA Cardiology</i> , 2022, 7, 796.	6.1	30
66	Exploring the Association between Serum BDNF and Attempted Suicide. <i>Scientific Reports</i> , 2016, 6, 25229.	3.3	29
67	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> , 2015, 93, 851-861G.	3.3	29
68	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> , 2016, 22, 92-98.	2.4	28
69	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> , 2019, 14, 085006.	5.2	27
70	Association of Urinary Sodium Excretion With Blood Pressure and Cardiovascular Clinical Events in 17,033 Latin Americans. <i>American Journal of Hypertension</i> , 2016, 29, 796-805.	2.0	26
71	Assessment of Dietary Sodium and Potassium in Canadians Using 24-Hour Urinary Collection. <i>Canadian Journal of Cardiology</i> , 2016, 32, 319-326.	1.7	25
72	Variations in knowledge, awareness and treatment of hypertension and stroke risk by country income level. <i>Heart</i> , 2021, 107, 282-289.	2.9	25

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73	Incidental Magnetic Resonance Diffusion-Weighted Imagingâ€“Positive Lesions Are Rare in Neurologically Asymptomatic Community-Dwelling Adults. <i>Stroke</i> , 2014, 45, 2115-2117.	2.0	24
74	Profile of suicide attempts and risk factors among psychiatric patients: A case-control study. <i>PLoS ONE</i> , 2018, 13, e0192998.	2.5	24
75	Variations in the financial impact of the COVID-19 pandemic across 5 continents: A cross-sectional, individual level analysis. <i>EClinicalMedicine</i> , 2022, 44, 101284.	7.1	21
76	Adverse health impacts of cooking with kerosene: A multi-country analysis within the Prospective Urban and Rural Epidemiology Study. <i>Environmental Research</i> , 2020, 188, 109851.	7.5	20
77	Exploring the Determinants of Suicidal Behavior: Conventional and Emergent Risk (DISCOVER): a feasibility study. <i>Pilot and Feasibility Studies</i> , 2015, 1, 17.	1.2	18
78	Associations of household solid fuel for heating and cooking with hypertension in Chinese adults. <i>Journal of Hypertension</i> , 2021, 39, 667-676.	0.5	16
79	Variations in risks from smoking between high-income, middle-income, and low-income countries: an analysis of data from 179â€“000 participants from 63 countries. <i>The Lancet Global Health</i> , 2022, 10, e216-e226.	6.3	16
80	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> , 2017, 2, e000443.	4.7	15
81	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> , 2018, 8, 6727.	3.3	14
82	Anger or emotional upset and heavy physical exertion as triggers of stroke: the INTERSTROKE study. <i>European Heart Journal</i> , 2022, 43, 202-209.	2.2	14
83	Effect of Cognitive Reserve on the Association of Vascular Brain Injury With Cognition. <i>Neurology</i> , 2021, 97, e1707-e1716.	1.1	13
84	Tyrosine kinase inhibitors in chronic myeloid leukaemia and emergent cardiovascular disease. <i>Heart</i> , 2021, 107, 667-673.	2.9	13
85	Digoxin and clinical outcomes in the Global Rheumatic Heart Disease Registry. <i>Heart</i> , 2019, 105, heartjnl-2018-313614.	2.9	12
86	Exploring metabolic factors and health behaviors in relation to suicide attempts: A case-control study. <i>Journal of Affective Disorders</i> , 2018, 229, 386-395.	4.1	8
87	Re-Examination of Classic Risk Factors for Suicidal Behavior in the Psychiatric Population. <i>Crisis</i> , 2015, 36, 231-240.	1.2	8
88	Relationship between diet and acculturation among South Asian children living in Canada. <i>Appetite</i> , 2020, 147, 104524.	3.7	7
89	Low levels of awareness, treatment, and control of hypertension in Andean communities of Ecuador. <i>Journal of Clinical Hypertension</i> , 2020, 22, 1530-1537.	2.0	7
90	Multinational prediction of household and personal exposure to fine particulate matter (PM2.5) in the PURE cohort study. <i>Environment International</i> , 2022, 159, 107021.	10.0	7

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91	Urinary Sodium and Potassium, and Risk of Ischemic and Hemorrhagic Stroke (INTERSTROKE): A Caseâ€“Control Study. <i>American Journal of Hypertension</i> , 2021, 34, 414-425.	2.0	6
92	Personal and household PM2.5 and black carbon exposure measures and respiratory symptoms in 8 low- and middle-income countries. <i>Environmental Research</i> , 2022, 212, 113430.	7.5	5
93	Sex differences in social risk factors for suicidal behaviour. <i>Mental Health and Prevention</i> , 2017, 8, 1-6.	1.3	4
94	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> , 2021, 16, e0254812.	2.5	4
95	The Anti-Coronavirus Therapies (ACT) Trials: Design, Baseline Characteristics, and Challenges. <i>CJC Open</i> , 2022, 4, 568-576.	1.5	4
96	Comparability of a short food frequency questionnaire to assess diet quality: the DISCOVER study. <i>International Journal of Food Sciences and Nutrition</i> , 2017, 68, 726-732.	2.8	3
97	The risk of cardiovascular events in patients with metabolic syndrome: The results of a population based prospective cohort study (PURE Turkey). <i>Anatolian Journal of Cardiology</i> , 2020, 24, 192-200.	0.9	3
98	Relationship of parental feeding practices and diet with children's diet among South Asians in Canada. <i>Appetite</i> , 2022, 173, 105991.	3.7	3
99	Variations in the association of height with mortality, cardiovascular disease and cancer in low-, middle- and high-income countries. <i>International Journal of Epidemiology</i> , 2022, 51, 1304-1316.	1.9	3
100	Renal Impairment and Risk of Acute Stroke: The INTERSTROKE Study. <i>Neuroepidemiology</i> , 2021, 55, 206-215.	2.3	2
101	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 â€“ A Longitudinal Prostate Cancer Study (RADICAL PC) Substudy. <i>Current Developments in Nutrition</i> , 2021, 5, nzab106.	0.3	2
102	Measuring and predicting personal and household Black Carbon levels from 88 communities in eight countries. <i>Science of the Total Environment</i> , 2022, 818, 151849.	8.0	2
103	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> , 2022, 2, e0000141.	1.6	2
104	Medications for blood pressure, blood glucose, lipids, and anti-thrombotic medications: relationship with cardiovascular disease and death in adults from 21 high-, middle-, and low-income countries with an elevated body mass index. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 1817-1826.	1.8	2
105	Characterizing Frailty In Myeloproliferative Neoplasms: results from the ORCHID study. <i>Leukemia Research</i> , 2022, 113, 106788.	0.8	0