

Ambuj Roy

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

3,641
citations

394421

19
h-index

144013

57
g-index

89
all docs

89
docs citations

89
times ranked

7482
citing authors

#	ARTICLE	IF	CITATIONS
1	Smoking prevalence and attributable disease burden in 195 countries and territories, 1990â€“2015: a systematic analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2017, 389, 1885-1906.	13.7	1,281
2	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
3	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
4	Global mortality variations in patients with heart failure: results from the International Congestive Heart Failure (INTER-CHF) prospective cohort study. <i>The Lancet Global Health</i> , 2017, 5, e665-e672.	6.3	247
5	Cardiac Magnetic Resonance Imaging in Coronavirus Disease 2019 (COVID-19). <i>Journal of Thoracic Imaging</i> , 2021, 36, 73-83.	1.5	76
6	Development of a Smartphone-Enabled Hypertension and Diabetes Mellitus Management Package to Facilitate Evidence-Based Care Delivery in Primary Healthcare Facilities in India: The mPower Heart Project. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	62
7	Missing female patients: an observational analysis of sex ratio among outpatients in a referral tertiary care public hospital in India. <i>BMJ Open</i> , 2019, 9, e026850.	1.9	62
8	Effectiveness of an mHealth-Based Electronic Decision Support System for Integrated Management of Chronic Conditions in Primary Care. <i>Circulation</i> , 2019, 139, 380-391.	1.6	62
9	Changes in hypertension prevalence, awareness, treatment and control rates over 20 years in National Capital Region of India: results from a repeat cross-sectional study. <i>BMJ Open</i> , 2017, 7, e015639.	1.9	58
10	Pathophysiological Mechanisms of Tobacco-Related CVD. <i>Global Heart</i> , 2012, 7, 113.	2.3	58
11	Yoga-Based Cardiac Rehabilitation After Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1551-1561.	2.8	55
12	Resource and Infrastructure-Appropriate Management of ST-Segment Elevation Myocardial Infarction in Low- and Middle-Income Countries. <i>Circulation</i> , 2020, 141, 2004-2025.	1.6	51
13	Independent association of severe vitamin D deficiency as a risk of acute myocardial infarction in Indians. <i>Indian Heart Journal</i> , 2015, 67, 27-32.	0.5	41
14	Randomized controlled trial of influenza vaccine in patients with heart failure to reduce adverse vascular events (IVVE): Rationale and design. <i>American Heart Journal</i> , 2019, 212, 36-44.	2.7	39
15	CABG Improves Outcomes in Patients With Ischemic Cardiomyopathy. <i>JACC: Heart Failure</i> , 2019, 7, 878-887.	4.1	37
16	Incidence and predictors of pacemaker-induced cardiomyopathy with comparison between apical and non-apical right ventricular pacing sites. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019, 56, 63-70.	1.3	36
17	Development of mWellcare: an mHealth intervention for integrated management of hypertension and diabetes in low-resource settings. <i>Global Health Action</i> , 2018, 11, 1517930.	1.9	34
18	20-Year Trend of CVD Risk Factors: Urban and Rural National Capital Region of India. <i>Global Heart</i> , 2017, 12, 209.	2.3	33

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19	A multinational registry to study the characteristics and outcomes of heart failure patients: The global congestive heart failure (G-CHF) registry. <i>American Heart Journal</i> , 2020, 227, 56-63.	2.7	24
20	Prevalence of sustained hypertension and obesity among urban and rural adolescents: a school-based, cross-sectional study in North India. <i>BMJ Open</i> , 2019, 9, e027134.	1.9	21
21	Protocol for the mWellcare trial: a multicentre, cluster randomised, 12-month, controlled trial to compare the effectiveness of mWellcare, an mHealth system for an integrated management of patients with hypertension and diabetes, versus enhanced usual care in India. <i>BMJ Open</i> , 2017, 7, e014851.	1.9	20
22	The Integrated Tracking, Referral, and Electronic Decision Support, and Care Coordination (I-TREC) program: scalable strategies for the management of hypertension and diabetes within the government healthcare system of India. <i>BMC Health Services Research</i> , 2020, 20, 1022.	2.2	20
23	Effect of Yoga-Based Cardiac Rehabilitation on Heart Rate Variability: Randomized Controlled Trial in Patients Post-MI. <i>International Journal of Yoga Therapy</i> , 2019, 29, 43-50.	0.7	19
24	Cost-effectiveness of a fixed dose combination (polypill) in secondary prevention of cardiovascular diseases in India: Within-trial cost-effectiveness analysis of the UMPIRE trial. <i>International Journal of Cardiology</i> , 2018, 262, 71-78.	1.7	18
25	CSI position statement on management of heart failure in India. <i>Indian Heart Journal</i> , 2018, 70, S1-S72.	0.5	18
26	Coronary Artery Disease in Patients with Ischemic Stroke and TIA. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 104400.	1.6	17
27	Impact of repeated blood pressure measurement on blood pressure categorization in a population-based study from India. <i>Journal of Human Hypertension</i> , 2019, 33, 594-601.	2.2	17
28	Rituximab-Vincristine Chemotherapy-Induced Acute Anterior Wall Myocardial Infarction with Cardiogenic Shock. <i>Texas Heart Institute Journal</i> , 2014, 41, 80-82.	0.3	16
29	Cost-effectiveness of interventions to control cardiovascular diseases and diabetes mellitus in South Asia: a systematic review. <i>BMJ Open</i> , 2018, 8, e017809.	1.9	16
30	Changing Perspectives on HDL: From Simple Quantity Measurements to Functional Quality Assessment. <i>Journal of Lipids</i> , 2021, 2021, 1-11.	4.8	15
31	Impact of Human Development Index on the profile and outcomes of patients with acute coronary syndrome. <i>Heart</i> , 2015, 101, 279-286.	2.9	14
32	Use of Amplatzer duct occluder to close severely hypertensive ducts: utility of transient balloon occlusion. <i>Indian Heart Journal</i> , 2005, 57, 332-6.	0.5	14
33	Prioritization of treatments for lower extremity peripheral artery disease in low- and middle-income countries. <i>International Angiology</i> , 2017, 36, 203-215.	0.9	13
34	Burden of medical co-morbidities and benefit from surgical revascularization in patients with ischaemic cardiomyopathy. <i>European Journal of Heart Failure</i> , 2019, 21, 373-381.	7.1	12
35	HDL functions and their interaction in patients with ST elevation myocardial infarction: a case control study. <i>Lipids in Health and Disease</i> , 2020, 19, 75.	3.0	12
36	Quantitative assessment of cardiac mechanical dyssynchrony and prediction of response to cardiac resynchronization therapy in patients with non-ischaemic dilated cardiomyopathy using equilibrium radionuclide angiography. <i>Europace</i> , 2016, 18, 851-857.	1.7	11

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37	Response by Prabhakaran et al to Letter Regarding Article, “Effectiveness of an mHealth-Based Electronic Decision Support System for Integrated Management of Chronic Conditions in Primary Care: The mWellcare Cluster-Randomized Controlled Trial” Circulation, 2019, 139, e1039.	1.6	10
38	National Heart Failure Registry, India: Design and methods. Indian Heart Journal, 2019, 71, 488-491.	0.5	10
39	Association of Maternal History of Neonatal Death With Subsequent Neonatal Death in India. JAMA Network Open, 2020, 3, e202887.	5.9	10
40	Role of CMR feature-tracking derived left ventricular strain in predicting myocardial iron overload and assessing myocardial contractile dysfunction in patients with thalassemia major. European Radiology, 2021, 31, 6184-6192.	4.5	10
41	Normal values of cardiac mechanical synchrony parameters using gated myocardial perfusion single-photon emission computed tomography: Impact of population and study protocol. Indian Journal of Nuclear Medicine, 2016, 31, 255.	0.3	10
42	High sensitive C-reactive protein and interleukin 6 in atrial fibrillation with rheumatic mitral stenosis from Indian cohort. Indian Heart Journal, 2017, 69, 505-511.	0.5	9
43	Strategies for Stakeholder Engagement and Uptake of New Intervention: Experience From State-Wide Implementation of mHealth Technology for NCD Care in Tripura, India. Global Heart, 2019, 14, 165.	2.3	9
44	Association of birth outcomes and postnatal growth with adult leukocyte telomere length: Data from New Delhi Birth Cohort. Maternal and Child Nutrition, 2019, 15, e12857.	3.0	8
45	Cardiovascular risk prediction in India: Comparison of the original and recalibrated Framingham prognostic models in urban populations.. Wellcome Open Research, 2019, 4, 71.	1.8	8
46	Paced QRS duration predicts left ventricular function in patients with permanent pacemakers “One-year follow-up study using equilibrium radionuclide angiography (ERNA). Indian Pacing and Electrophysiology Journal, 2015, 15, 90-95.	0.6	7
47	Dyspnea in Eisenmenger syndrome and its amelioration by sildenafil: Role of J receptors. International Journal of Cardiology, 2014, 174, 574-578.	1.7	6
48	Imaging of Coronavirus Disease 2019 Infection From Head to Toe: A Primer for the Radiologist. Current Problems in Diagnostic Radiology, 2021, 50, 842-855.	1.4	6
49	Isolation of the left subclavian artery. Indian Heart Journal, 2003, 55, 65-7.	0.5	6
50	Improving care for hypertension and diabetes in india by addition of clinical decision support system and task shifting in the national NCD program: I-TREC model of care. BMC Health Services Research, 2022, 22, .	2.2	6
51	Assessment of asymptomatic ischemic heart disease using stress myocardial perfusion imaging in patients with type 2 diabetes mellitus. Indian Heart Journal, 2018, 70, S157-S160.	0.5	5
52	A collaborative model for capacity building of primary care physicians in the management of Hypertension in India. Journal of Human Hypertension, 2019, 33, 562-565.	2.2	5
53	Crop Fires and Cardiovascular Health “ A Study from North India. SSM - Population Health, 2021, 14, 100757.	2.7	5
54	Fatal Freely Mobile Left Atrial Thrombus: Fallout of Anticoagulation?. Journal of the American Society of Echocardiography, 2009, 22, 863.e5-863.e6.	2.8	4

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55	Correlation of pacing site in right ventricle with paced QRS complex duration. Indian Pacing and Electrophysiology Journal, 2018, 18, 210-216.	0.6	4
56	“Routine” versus “Smart Phone Application Based “Intense” follow up of patients with acute coronary syndrome undergoing percutaneous coronary intervention: Impact on clinical outcomes and patient satisfaction. IJC Heart and Vasculature, 2021, 35, 100832.	1.1	4
57	Home Blood Pressure Management Intervention in Low- to Middle-Income Countries: Protocol for a Mixed Methods Study. JMIR Research Protocols, 2017, 6, e188.	1.0	4
58	N-Terminal Pro-Brain Natriuretic Peptide is an Independent Predictor of Mortality in Patients with Sepsis. Journal of Investigative Medicine, 2022, 70, 369-375.	1.6	4
59	Factors associated with health-related quality of life in heart failure in 23,000 patients from 40 countries: Results of the <sc>G&CHF</sc> Research Program. European Journal of Heart Failure, 2022, , .	7.1	4
60	Process evaluation protocol for a cluster randomised trial of a complex, nurse-led intervention to improve hypertension management in India. BMJ Open, 2019, 9, e027841.	1.9	3
61	Effects of Yoga based cardiac rehabilitation on Vascular and Endothelial function in patients post myocardial infarction “ A randomized controlled trial. FASEB Journal, 2018, 32, 588.23.	0.5	3
62	Health System Performance for Multimorbid Cardiometabolic Disease in India: A Population-Based Cross-Sectional Study. Global Heart, 2022, 17, 7.	2.3	3
63	Role of endothelial colony forming cells (ECFCs) Tetrahydrobiopterin (BH4) in determining ECFCs functionality in coronary artery disease (CAD) patients. Scientific Reports, 2022, 12, 3076.	3.3	3
64	Novel technique to manage pacemaker exposure with buried flap reconstruction: case series”ç. Heart Asia, 2019, 11, e011086.	1.1	2
65	Restless legs syndrome/Willis“Ekbom disease among patients with resistant hypertension versus stroke patients“a prospective study. Sleep and Breathing, 2021, , 1.	1.7	2
66	Interventional Management of ACS in Women: STEMI and NSTEMI. Interventional Cardiology Clinics, 2012, 1, 173-182.	0.4	1
67	Cost-effectiveness of interventions to control cardiovascular diseases and type 2 diabetes mellitus in South Asia: protocol for a systematic review. BMJ Open, 2015, 5, e007205-e007205.	1.9	1
68	An unusual cause of left ventricular outflow tract obstruction. Indian Heart Journal, 2015, 67, 395-396.	0.5	1
69	Innovation, information technology and task sharing for management of burden of hypertension in India. Indian Heart Journal, 2017, 69, 432-433.	0.5	1
70	2654. Myocarditis in Dengue: A Prospective Observational Study. Open Forum Infectious Diseases, 2019, 6, S928-S929.	0.9	1
71	Change in prevalence of Coronary Heart Disease and its risk between 1991-94 to 2010-12 among rural and urban population of National Capital Region, Delhi. Indian Heart Journal, 2020, 72, 403-409.	0.5	1
72	Pectoral nerves block for periprocedural analgesia in patients undergoing CIED implantation. Anaesthesia, Critical Care & Pain Medicine, 2020, 39, 619-621.	1.4	1

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73	Six-minute walk distance after coronary artery bypass grafting compared with medical therapy in ischaemic cardiomyopathy. <i>Open Heart</i> , 2018, 5, e000752.	2.3	1
74	Determinants of high-density lipoprotein (HDL) functions beyond proteome in Asian Indians: exploring the fatty acid profile of HDL phospholipids. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 559-570.	3.1	1
75	The Development of mWellcare, an mHealth System for the Integrated Management of Hypertension and Diabetes in Primary Care. <i>Studies in Health Technology and Informatics</i> , 2017, 245, 1230.	0.3	1
76	Alarmist reporting on the pandemic: time to say no!. <i>European Heart Journal</i> , 2022, , .	2.2	1
77	Complete Heart Block. <i>Circulation</i> , 2019, 140, 516-519.	1.6	0
78	A system of care for patients with ST-segment elevation myocardial infarction in India. <i>The National Medical Journal of India</i> , 2018, 31, 222.	0.3	0
79	Impact of current knowledge on CVD prevention. <i>Indian Heart Journal</i> , 2008, 60, B23-8.	0.5	0
80	Coronary artery bypass or percutaneous intervention for multivessel coronary artery disease. <i>The National Medical Journal of India</i> , 2009, 22, 77-8.	0.3	0
81	Endothelial colony forming cellsâ€™ tetrahydrobiopterin level in coronary artery disease patients and its association with circulating endothelial progenitor cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2022, , 1-13.	1.4	0
82	Cervical Herniation of Apical Pulmonary Bulla in a Patient With Marfan Syndrome. <i>Annals of Thoracic Surgery</i> , 2022, 113, e319.	1.3	0
83	Cardiac rehabilitation: Need to meet global targets through local innovation.. <i>WHO South-East Asia Journal of Public Health</i> , 2021, 10, 55-56.	0.7	0