

Jaykaran Charan

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

12,725
citations

201674

27
h-index

71685

76
g-index

91
all docs

91
docs citations

91
times ranked

13143
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Burden of Cardiovascular Diseases and Risk Factors, 1990â€“2019. Journal of the American College of Cardiology, 2020, 76, 2982-3021.	2.8	4,468
2	Global, regional, and national burden of stroke and its risk factors, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Neurology, The, 2021, 20, 795-820.	10.2	2,308
3	How to Calculate Sample Size for Different Study Designs in Medical Research?. Indian Journal of Psychological Medicine, 2013, 35, 121-126.	1.5	1,528
4	How to calculate sample size in animal studies?. Journal of Pharmacology and Pharmacotherapeutics, 2013, 4, 303-306.	0.4	1,125
5	Hearing loss prevalence and years lived with disability, 1990â€“2019: findings from the Global Burden of Disease Study 2019. Lancet, The, 2021, 397, 996-1009.	13.7	358
6	Five insights from the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1135-1159.	13.7	335
7	Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1250-1284.	13.7	330
8	Monoclonal Antibodies: A Review. Current Clinical Pharmacology, 2018, 13, 85-99.	0.6	232
9	Global, regional, and national progress towards Sustainable Development Goal 3.2 for neonatal and child health: all-cause and cause-specific mortality findings from the Global Burden of Disease Study 2019. Lancet, The, 2021, 398, 870-905.	13.7	229
10	Vitamin D for prevention of respiratory tract infections: A systematic review and meta-analysis. Journal of Pharmacology and Pharmacotherapeutics, 2012, 3, 300.	0.4	178
11	Adverse Events Reported From COVID-19 Vaccine Trials: A Systematic Review. Indian Journal of Clinical Biochemistry, 2021, 36, 427-439.	1.9	175
12	Measuring routine childhood vaccination coverage in 204 countries and territories, 1980â€“2019: a systematic analysis for the Global Burden of Disease Study 2020, Release 1. Lancet, The, 2021, 398, 503-521.	13.7	93
13	Global, regional, and national mortality among young people aged 10â€“24 years, 1950â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2021, 398, 1593-1618.	13.7	92
14	Tracking development assistance for health and for COVID-19: a review of development assistance, government, out-of-pocket, and other private spending on health for 204 countries and territories, 1990â€“2050. Lancet, The, 2021, 398, 1317-1343.	13.7	79
15	Cardiovascular Adverse Events Reported from COVID-19 Vaccines: A Study Based on WHO Database. International Journal of General Medicine, 2021, Volume 14, 3909-3927.	1.8	72
16	<p>Strategies to Prevent Healthcare-Associated Infections: A Narrative Overview</p>. Risk Management and Healthcare Policy, 2020, Volume 13, 1765-1780.	2.5	66
17	Rapid Assessment of Price Instability and Paucity of Medicines and Protection for COVID-19 Across Asia: Findings and Public Health Implications for the Future. Frontiers in Public Health, 2020, 8, 585832.	2.7	62
18	Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990â€“2019, for 204 countries and territories: the Global Burden of Diseases Study 2019. Lancet HIV,the, 2021, 8, e633-e651.	4.7	56

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19	Use of Complementary and Alternative Medicine (CAM) and Home Remedies by COVID-19 Patients: A Telephonic Survey. <i>Indian Journal of Clinical Biochemistry</i> , 2021, 36, 108-111.	1.9	52
20	A Systematic Review on COVID-19 Vaccine Strategies, Their Effectiveness, and Issues. <i>Vaccines</i> , 2021, 9, 1387.	4.4	51
21	<p>Favipiravir Use in COVID-19: Analysis of Suspected Adverse Drug Events Reported in the WHO Database</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 4427-4438.	2.7	50
22	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , 2020, 26, 750-759.	30.7	47
23	Rapid review of suspected adverse drug events due to remdesivir in the WHO database; findings and implications. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 95-103.	3.1	46
24	Prevalence of hypertension in school going children of Surat city, Western India. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2011, 2, 228-232.	0.1	40
25	Antibiotics for the treatment of leptospirosis: systematic review and meta-analysis of controlled trials. <i>International Journal of Preventive Medicine</i> , 2013, 4, 501-10.	0.4	37
26	Trace Elements as Immunoregulators in SARS-CoV-2 and Other Viral Infections. <i>Indian Journal of Clinical Biochemistry</i> , 2021, 36, 416-426.	1.9	33
27	<p>The Double Burden of the COVID-19 Pandemic and Polypharmacy on Geriatric Population â€“ Public Health Implications</p>. <i>Therapeutics and Clinical Risk Management</i> , 2020, Volume 16, 1007-1022.	2.0	32
28	Subnational mapping of HIV incidence and mortality among individuals aged 15â€“49 years in sub-Saharan Africa, 2000â€“18: a modelling study. <i>Lancet HIV</i> , the, 2021, 8, e363-e375.	4.7	32
29	Tocilizumab in COVID-19: a study of adverse drug events reported in the WHO database. <i>Expert Opinion on Drug Safety</i> , 2021, 20, 1125-1136.	2.4	28
30	Efficacy and safety of Carica papaya leaf extract in the dengue: A systematic review and meta-analysis. <i>International Journal of Applied & Basic Medical Research</i> , 2016, 6, 249.	0.5	26
31	Effectiveness of BBV152/Covaxin and AZD1222/Covishield vaccines against severe COVID-19 and B.1.617.2/Delta variant in India, 2021: a multi-centric hospital-based case-control study. <i>International Journal of Infectious Diseases</i> , 2022, 122, 693-702.	3.3	25
32	Quorum sensing: a new prospect for the management of antimicrobial-resistant infectious diseases. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 571-586.	4.4	24
33	Mapping inequalities in exclusive breastfeeding in low- and middle-income countries, 2000â€“2018. <i>Nature Human Behaviour</i> , 2021, 5, 1027-1045.	12.0	24
34	Utilisation, Availability and Price Changes of Medicines and Protection Equipment for COVID-19 Among Selected Regions in India: Findings and Implications. <i>Frontiers in Pharmacology</i> , 2020, 11, 582154.	3.5	23
35	Euglycemic diabetic ketoacidosis associated with SGLT2 inhibitors: A systematic review and quantitative analysis. <i>Journal of Family Medicine and Primary Care</i> , 2022, 11, 927.	0.9	23
36	The Current Situation Regarding Long-Acting Insulin Analogues Including Biosimilars Among African, Asian, European, and South American Countries; Findings and Implications for the Future. <i>Frontiers in Public Health</i> , 2021, 9, 671961.	2.7	22

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37	Menace of antimicrobial resistance in LMICs: Current surveillance practices and control measures to tackle hostility. <i>Journal of Infection and Public Health</i> , 2022, 15, 172-181.	4.1	22
38	Snapshot of COVID-19 Related Clinical Trials in India. <i>Indian Journal of Clinical Biochemistry</i> , 2020, 35, 418-422.	1.9	21
39	Comparison between three option, four option and five option multiple choice question tests for quality parameters: A randomized study. <i>Indian Journal of Pharmacology</i> , 2016, 48, 571.	0.7	18
40	A Narrative Review of Potential Future Antidiabetic Drugs: Should We Expect More?. <i>Indian Journal of Clinical Biochemistry</i> , 2018, 33, 121-131.	1.9	14
41	Fat-Soluble Vitamins and the Current Global Pandemic of COVID-19: Evidence-Based Efficacy from Literature Review. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2091-2110.	3.5	14
42	Analysis of Neurological Adverse Events Reported in VigiBase From COVID-19 Vaccines. <i>Cureus</i> , 2022, 14, e21376.	0.5	14
43	Vitamin D supplementation in childhood asthma: a systematic review and meta-analysis of randomised controlled trials. <i>ERJ Open Research</i> , 2022, 8, 00662-2021.	2.6	14
44	Current utilization patterns for long-acting insulin analogues including biosimilars among selected Asian countries and the implications for the future. <i>Current Medical Research and Opinion</i> , 2021, 37, 1529-1545.	1.9	13
45	Isoniazid for the Prevention of Tuberculosis in HIV-Infected Children. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 773-780.	2.0	11
46	New Delhi Metallo-beta lactamase-1 containing enterobacteriaceae: origin, diagnosis, treatment and public health concern. <i>Pan African Medical Journal</i> , 2012, 11, 22.	0.8	11
47	Demand of COVID-19 medicines without prescription among community pharmacies in Jodhpur, India: Findings and implications. <i>Journal of Family Medicine and Primary Care</i> , 2022, 11, 503.	0.9	11
48	Drug advertisements published in Indian Medical Journals: Are they ethical?. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2011, 3, 403.	0.6	10
49	Phytoconstituents of an ethanolic pod extract of <i>Prosopis cineraria</i> triggers the inhibition of HMG-CoA reductase and the regression of atherosclerotic plaque in hypercholesterolemic rabbits. <i>Lipids in Health and Disease</i> , 2020, 19, 6.	3.0	10
50	Association of Vitamin D Status with COVID-19 Infection and Mortality in the Asia Pacific region: A Cross-Sectional Study. <i>Indian Journal of Clinical Biochemistry</i> , 2021, 36, 492-497.	1.9	10
51	Household Transmission of COVID-19: A Cross-Sectional Study. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 4637-4642.	2.7	10
52	Suggested Statistical Reporting Guidelines for Clinical Trials Data. <i>Indian Journal of Psychological Medicine</i> , 2012, 34, 25-29.	1.5	9
53	Analysis of Facility and Home Isolation Strategies in COVID 19 Pandemic: Evidences from Jodhpur, India. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 2233-2239.	2.7	8
54	Sample Size Calculation in Medical Research: A Primer. <i>Annals of the National Academy of Medical Sciences (India)</i> , 0, 57, .	0.3	7

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55	Opinion of primary care physicians regarding prescription of generic drugs: A Cross-sectional study. <i>Journal of Family Medicine and Primary Care</i> , 2021, 10, 1390.	0.9	7
56	Structured oral examination in pharmacology for undergraduate medical students: Factors influencing its implementation. <i>Indian Journal of Pharmacology</i> , 2015, 47, 546.	0.7	7
57	Bedaquiline versus placebo for management of multiple drug-resistant tuberculosis: A systematic review. <i>Indian Journal of Pharmacology</i> , 2016, 48, 186.	0.7	7
58	Prophylaxis and Treatment for Leptospirosis: Where are the Evidences?. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> , 2012, 2, 78.	0.1	6
59	Effect of Polypill on cardiovascular parameters: Systematic review and meta-analysis. <i>Journal of Cardiovascular Disease Research (discontinued)</i> , 2013, 4, 92-97.	0.1	6
60	Antibiotic sensitivity pattern in blaNDM-1-positive and carbapenemase-producing Enterobacteriaceae. <i>International Journal of Applied & Basic Medical Research</i> , 2016, 6, 14.	0.5	6
61	Prevalence of multidrug resistance tuberculosis in adult patients in India: A systematic review and meta-analysis. <i>Journal of Family Medicine and Primary Care</i> , 2019, 8, 3191.	0.9	6
62	Ameliorations in dyslipidemia and atherosclerotic plaque by the inhibition of HMG-CoA reductase and antioxidant potential of phytoconstituents of an aqueous seed extract of <i>Acacia senegal</i> (L.) Willd in rabbits. <i>PLoS ONE</i> , 2022, 17, e0264646.	2.5	6
63	Hydroxychloroquine as Therapeutic Option in COVID-19: Analysis of Suspected Cardiovascular Adverse Drug Events Reported in the VigiBase. <i>Bangladesh Journal of Medical Science</i> , 2021, 20, 897-910.	0.2	4
64	Comparison of methodological quality of positive versus negative comparative studies published in Indian medical journals: a systematic review. <i>BMJ Open</i> , 2015, 5, e007853.	1.9	3
65	Pulmonary Function Tests in Sickle Cell Disease. <i>Indian Journal of Pediatrics</i> , 2016, 83, 783-786.	0.8	3
66	Efficacy of procalcitonin and pentraxin-3 as early biomarkers for differential diagnosis of pleural effusions. <i>Pleura and Peritoneum</i> , 2021, 6, 83-90.	1.2	3
67	Clinical characteristic, red blood cell indices, iron profile and prognosis of heart failure in females. <i>Global Cardiology Science & Practice</i> , 2021, 2021, e202113.	0.4	3
68	Opinion of patients seeking primary care regarding prescription of generic drugs: A cross-sectional study. <i>Journal of Family Medicine and Primary Care</i> , 2020, 9, 5725.	0.9	3
69	Adverse Drug Reactions Associated With Drugs Prescribed in Psychiatry: A Retrospective Descriptive Analysis in a Tertiary Care Hospital. <i>Cureus</i> , 2021, 13, e19493.	0.5	3
70	An evidence-based review of neuronal cholesterol role in dementia and statins as a pharmacotherapy in reducing risk of dementia. <i>Expert Review of Neurotherapeutics</i> , 2021, 21, 1455-1472.	2.8	3
71	Efficacy and safety of vitamin D in tuberculosis patients: a systematic review and meta-analysis. <i>Expert Review of Anti-Infective Therapy</i> , 2022, 20, 1049-1059.	4.4	3
72	Is it time to reconsider prophylactic antimicrobial use for hematopoietic stem cell transplantation? a narrative review of antimicrobials in stem cell transplantation. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 1259-1280.	4.4	2

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73	Reporting of various methodological and statistical parameters in negative studies published in prominent Indian Medical Journals. <i>Journal of Postgraduate Medicine</i> , 2014, 60, 362-365.	0.4	2
74	Negative animal studies published in Indian Medical Journal: Are they methodologically strong enough to conclude what they are concluding?. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2014, 6, 134.	0.6	1
75	Re: Pareek A, Chandurkar N, Thomas N, <i>et al.</i> Efficacy and safety of hydroxychloroquine in the treatment of type 2 diabetes mellitus: a double blind, randomized comparison with pioglitazone. <i>Curr Med Res Opin</i> 2014;30:1257-66. <i>Current Medical Research and Opinion</i> , 2015, 31, 1085-1086.	1.9	1
76	Clinical outcome, viral response and safety profile of chloroquine in COVID-19 patients – initial experience. <i>Advances in Respiratory Medicine</i> , 2020, 88, 515-519.	1.0	1
77	Availability of the Essential Medicines in Community Pharmacies: A Cross-Sectional Study. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2022, 13, 92-94.	0.4	1
78	Quality of Antidepressant Drugs Research Articles Published in Indian Medical Journals. <i>Indian Journal of Psychological Medicine</i> , 2011, 33, 141-144.	1.5	0
79	Reporting of adverse drug reactions in clinical trials published in Indian Medical/Dental journals. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2012, 3, 325.	0.4	0
80	Basic statistics for postgraduate students. <i>Indian Journal of Pharmacology</i> , 2013, 45, 205.	0.7	0
81	Prescription of Generic Drugs. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> , 2013, 3, 1.	0.1	0
82	Guideline for reporting negative studies in biomedical journals. <i>National Journal of Physiology, Pharmacy and Pharmacology</i> , 2014, 4, 252.	0.1	0
83	Pharmacotherapy for resistant hypertension in adults. <i>The Cochrane Library</i> , 0, , .	2.8	0
84	Author Reply. <i>Indian Journal of Pharmacology</i> , 2016, 48, 466.	0.7	0
85	Drug approval in India does not match the disease burden: A cross-sectional study. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, OR13-3.	0.0	0
86	Terminated Interventional Trials in the Clinical Trial Registry of India Database: An Analysis to Evaluate the Reasons for Termination. <i>Open Access Journal of Clinical Trials</i> , 0, Volume 12, 61-70.	1.5	0
87	Hindi Translation and Validation of Childhood Asthma Control Test (C-ACT).. <i>Indian Pediatrics</i> , 2022, , .	0.4	0
88	Hindi Translation and Validation of Childhood Asthma Control Test (C-ACT). <i>Indian Pediatrics</i> , 2022, 59, 296-299.	0.4	0