Ramanan Laxminarayan

List of Publications by Year
in descending order

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Version: 2024-02-01

117	18,998	66250	23173
papers	citations	44 h-index	116 g-index

119	119	119	26290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antibiotic resistanceâ€"the need for global solutions. Lancet Infectious Diseases, The, 2013, 13, 1057-1098.	4.6	3,184
2	Global trends in antimicrobial use in food animals. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5649-5654.	3.3	2,521
3	Global increase and geographic convergence in antibiotic consumption between 2000 and 2015. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E3463-E3470.	3.3	1,907
4	Global antibiotic consumption 2000 to 2010: an analysis of national pharmaceutical sales data. Lancet Infectious Diseases, The, 2014, 14, 742-750.	4.6	1,719
5	Access to effective antimicrobials: a worldwide challenge. Lancet, The, 2016, 387, 168-175.	6.3	933
6	Antimicrobial resistance in developing countries. Part I: recent trends and current status. Lancet Infectious Diseases, The, 2005, 5, 481-493.	4.6	624
7	Global trends in antimicrobial resistance in animals in low- and middle-income countries. Science, 2019, 365, .	6.0	594
8	Addressing the burden of mental, neurological, and substance use disorders: key messages from Disease Control Priorities, 3rd edition. Lancet, The, 2016, 387, 1672-1685.	6.3	586
9	Reducing antimicrobial use in food animals. Science, 2017, 357, 1350-1352.	6.0	448
10	Anthropological and socioeconomic factors contributing to global antimicrobial resistance: a univariate and multivariable analysis. Lancet Planetary Health, The, 2018, 2, e398-e405.	5.1	430
11	Epidemiology and transmission dynamics of COVID-19 in two Indian states. Science, 2020, 370, 691-697.	6.0	377
12	Critical knowledge gaps and research needs related to the environmental dimensions of antibiotic resistance. Environment International, 2018, 117, 132-138.	4.8	281
13	Potential burden of antibiotic resistance on surgery and cancer chemotherapy antibiotic prophylaxis in the USA: a literature review and modelling study. Lancet Infectious Diseases, The, 2015, 15, 1429-1437.	4.6	270
14	Global trends in antimicrobial use in aquaculture. Scientific Reports, 2020, 10, 21878.	1.6	229
15	Assessment of WHO antibiotic consumption and access targets in 76 countries, 2000â€"15: an analysis of pharmaceutical sales data. Lancet Infectious Diseases, The, 2021, 21, 107-115.	4.6	228
16	Antimicrobial resistance in developing countries. Part II: strategies for containment. Lancet Infectious Diseases, The, 2005, 5, 568-580.	4.6	221
17	Antibiotic development â€" economic, regulatory and societal challenges. Nature Reviews Microbiology, 2020, 18, 267-274.	13.6	218
18	Use of the WHO Access, Watch, and Reserve classification to define patterns of hospital antibiotic use (AWaRe): an analysis of paediatric survey data from 56 countries. The Lancet Global Health, 2019, 7, e861-e871.	2.9	213

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19	Seasonality and Temporal Correlation between Community Antibiotic Use and Resistance in the United States. Clinical Infectious Diseases, 2012, 55, 687-694.	2.9	187
20	The Lancet Infectious Diseases Commission on antimicrobial resistance: 6 years later. Lancet Infectious Diseases, The, 2020, 20, e51-e60.	4.6	161
21	Investment in child and adolescent health and development: key messages from Disease Control Priorities , 3rd Edition. Lancet, The, 2018, 391, 687-699.	6.3	156
22	Antibiotic effectiveness: Balancing conservation against innovation. Science, 2014, 345, 1299-1301.	6.0	146
23	Health and economic benefits of public financing of epilepsy treatment in India: An agentâ€based simulation model. Epilepsia, 2016, 57, 464-474.	2.6	134
24	The Mortality Burden of Multidrug-resistant Pathogens in India: A Retrospective, Observational Study. Clinical Infectious Diseases, 2019, 69, 563-570.	2.9	121
25	How should we respond to the emergence of plasmid-mediated colistin resistance in humans and animals?. International Journal of Infectious Diseases, 2017, 54, 77-84.	1.5	119
26	From The Cover: Strategic interactions in multi-institutional epidemics of antibiotic resistance. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3153-3158.	3.3	117
27	International cooperation to improve access to and sustain effectiveness of antimicrobials. Lancet, The, 2016, 387, 296-307.	6.3	114
28	Optimal control of epidemics in metapopulations. Journal of the Royal Society Interface, 2009, 6, 1135-1144.	1.5	107
29	The overlooked pandemic of antimicrobial resistance. Lancet, The, 2022, 399, 606-607.	6.3	106
30	Assessment of empirical antibiotic therapy optimisation in six hospitals: an observational cohort study. Lancet Infectious Diseases, The, 2014, 14, 1220-1227.	4.6	104
31	Extended-Spectrum Î²-Lactamaseâ€“Producing and Third-Generation Cephalosporin-Resistant Enterobacteriaceae in Children: Trends in the United States, 1999â€“2011. Journal of the Pediatric Infectious Diseases Society, 2014, 3, 320-328.	0.6	101
32	Surveillance of antimicrobial consumption in animal production sectors of low- and middle-income countries: Optimizing use and addressing antimicrobial resistance. PLoS Medicine, 2018, 15, e1002521.	3.9	98
33	Tracking global trends in the effectiveness of antibiotic therapy using the Drug Resistance Index. BMJ Global Health, 2019, 4, e001315.	2.0	96
34	Trends in antibiotic resistance among major bacterial pathogens isolated from blood cultures tested at a large private laboratory network in India, 2008â€“2014. International Journal of Infectious Diseases, 2016, 50, 75-82.	1.5	94
35	Childhood vaccines and antibiotic use in low- and middle-income countries. Nature, 2020, 581, 94-99.	13.7	85
36	Trends in Methicillin-Resistant Staphylococcus aureus Hospitalizations in the United States, 2010-2014. Clinical Infectious Diseases, 2017, 65, 1921-1923.	2.9	81

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37	Poverty and prevalence of antimicrobial resistance in invasive isolates. International Journal of Infectious Diseases, 2016, 52, 59-61.	1.5	70
38	UN High-Level Meeting on antimicrobialsâ€"what do we need?. Lancet, The, 2016, 388, 218-220.	6.3	69
39	Antimicrobial resistanceâ€"a threat to neonate survival. The Lancet Global Health, 2016, 4, e676-e677.	2.9	64
40	Leveraging Vaccines to Reduce Antibiotic Use and Prevent Antimicrobial Resistance: A World Health Organization Action Framework. Clinical Infectious Diseases, 2021, 73, e1011-e1017.	2.9	64
41	Synthesizing epidemiological and economic optima for control of immunizing infections. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14366-14370.	3.3	57
42	Indiaâ€™s Vaccine Deficit: Why More Than Half Of Indian Children Are Not Fully Immunized, And What Canâ€"And Shouldâ€"Be Done. Health Affairs, 2011, 30, 1096-1103.	2.5	54
43	Reduced burden of childhood diarrheal diseases through increased access to water and sanitation in India: A modeling analysis. Social Science and Medicine, 2017, 180, 181-192.	1.8	54
44	Global forecast of antimicrobial resistance in invasive isolates of Escherichia coli and Klebsiella pneumoniae. International Journal of Infectious Diseases, 2018, 68, 50-53.	1.5	53
45	Excessive use of medically important antimicrobials in food animals in Pakistan: a five-year surveillance survey. Global Health Action, 2019, 12, 1697541.	0.7	53
46	Reassessing the value of vaccines. The Lancet Global Health, 2014, 2, e251-e252.	2.9	49
47	Use antimicrobials wisely. Nature, 2016, 537, 159-161.	13.7	47
48	Global survey of polymyxin use: A call for international guidelines. Journal of Global Antimicrobial Resistance, 2013, 1, 131-134.	0.9	42
49	Point Prevalence Surveys of Antimicrobial Use among Hospitalized Children in Six Hospitals in India in 2016. Antibiotics, 2017, 6, 19.	1.5	42
50	Influence of provider and urgent care density across different socioeconomic strata on outpatient antibiotic prescribing in the USA. Journal of Antimicrobial Chemotherapy, 2015, 70, 1580-1587.	1.3	38
51	SARS-CoV-2 infection and mortality during the first epidemic wave in Madurai, south India: a prospective, active surveillance study. Lancet Infectious Diseases, The, 2021, 21, 1665-1676.	4.6	38
52	Demand- and supply-side determinants of diphtheria-pertussis-tetanus nonvaccination and dropout in rural India. Vaccine, 2017, 35, 1087-1093.	1.7	37
53	Antimicrobial resistance in paediatric Streptococcus pneumoniae isolates amid global implementation of pneumococcal conjugate vaccines: a systematic review and meta-regression analysis. Lancet Microbe, The, 2021, 2, e450-e460.	3.4	36
54	Analysis of the Universal Immunization Programme and introduction of a rotavirus vaccine in India with IndiaSim. Vaccine, 2014, 32, A151-A161.	1.7	35

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55	Introduction and geographic availability of new antibiotics approved between 1999 and 2014. PLoS ONE, 2018, 13, e0205166.	1.1	33
56	Economic and Behavioral Influencers of Vaccination and Antimicrobial Use. Frontiers in Public Health, 2020, 8, 614113.	1.3	33
57	Counting the lives saved by DOTS in India: a model-based approach. BMC Medicine, 2017, 15, 47.	2.3	32
58	Estimating the effect of vaccination on antimicrobial-resistant typhoid fever in 73 countries supported by Gavi: a mathematical modelling study. Lancet Infectious Diseases, The, 2022, 22, 679-691.	4.6	32
59	Economics of Antibiotic Growth Promoters in Livestock. Annual Review of Resource Economics, 2015, 7, 349-374.	1.5	31
60	Anthropometric, cognitive, and schooling benefits of measles vaccination: Longitudinal cohort analysis in Ethiopia, India, and Vietnam. Vaccine, 2019, 37, 4336-4343.	1.7	30
61	The potential global gains in health and revenue from increased taxation of tobacco, alcohol and sugar-sweetened beverages: a modelling analysis. BMJ Global Health, 2020, 5, e002143.	2.0	30
62	Extended-Spectrum Â-Lactamase-Producing Enterobacteriaceae Infections in Children: A Two-Center Case-Case-Control Study of Risk Factors and Outcomes in Chicago, Illinois. Journal of the Pediatric Infectious Diseases Society, 2014, 3, 312-319.	0.6	29
63	All-cause mortality during the COVID-19 pandemic in Chennai, India: an observational study. Lancet Infectious Diseases, The, 2022, 22, 463-472.	4.6	28
64	Modelling the global burden of drug-resistant tuberculosis avertable by a post-exposure vaccine. Nature Communications, 2021, 12, 424.	5.8	26
65	Current costs & projected financial needs of Indiaâ€²s Universal Immunization Programme. Indian Journal of Medical Research, 2016, 143, 801.	0.4	26
66	Respiratory Fluoroquinolone Use and Influenza. Infection Control and Hospital Epidemiology, 2011, 32, 706-709.	1.0	25
67	Clinical outcome of dual colistin- and carbapenem-resistant Klebsiella pneumoniae bloodstream infections: A single-center retrospective study of 75 cases in India. American Journal of Infection Control, 2017, 45, 1289-1291.	1.1	25
68	Incidence and etiology of clinically-attended, antibiotic-treated diarrhea among children under five years of age in low- and middle-income countries: Evidence from the Global Enteric Multicenter Study. PLoS Neglected Tropical Diseases, 2020, 14, e0008520.	1.3	25
69	Valuing vaccines using value of statistical life measures. Vaccine, 2014, 32, 5065-5070.	1.7	24
70	Faropenem Consumption is Increasing in India. Clinical Infectious Diseases, 2016, 62, 1050.2-1052.	2.9	24
71	Childhood vaccinations and adult schooling attainment: Long-term evidence from India's Universal Immunization Programme. Social Science and Medicine, 2020, 250, 112885.	1.8	24
72	A Global Antimicrobial Conservation Fund for Low- and Middle-Income Countries. International Journal of Infectious Diseases, 2016, 51, 70-72.	1.5	22

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73	Incentivizing hospital infection control. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6221-6225.	3.3	22
74	The Impact of Influenza Vaccination on Antibiotic Use in the United States, 2010â€“2017. Open Forum Infectious Diseases, 2020, 7, ofaa223.	0.4	20
75	Advocacy for Increased International Efforts for Antimicrobial Stewardship Actions in Low-and Middle-Income Countries on Behalf of Alliance for the Prudent Use of Antimicrobials (APUA), Under the Auspices of the International Society of Antimicrobial Chemotherapy (ISAC). Frontiers in Medicine, 2020, 7, 503.	1.2	19
76	Cost-Effectiveness of Treatment and Secondary Prevention of Acute Myocardial Infarction in India: A Modeling Study. Global Heart, 2014, 9, 391.	0.9	19
77	Status, challenges and gaps in antimicrobial resistance surveillance around the world. Journal of Global Antimicrobial Resistance, 2021, 25, 222-226.	0.9	19
78	Haemophilus influenzae type b vaccination and anthropometric, cognitive, and schooling outcomes among Indian children. Annals of the New York Academy of Sciences, 2019, 1449, 70-82.	1.8	18
79	Twitter to engage, educate, and advocate for global antibiotic stewardship and antimicrobial resistance. Lancet Infectious Diseases, The, 2019, 19, 229-231.	4.6	18
80	Improving vaccination coverage and timeliness through periodic intensification of routine immunization: evidence from Mission Indradhanush. Annals of the New York Academy of Sciences, 2021, 1502, 110-120.	1.8	18
81	Prevention of antimicrobial prescribing among infants following maternal vaccination against respiratory syncytial virus. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2112410119.	3.3	18
82	Self-enforcing regional vaccination agreements. Journal of the Royal Society Interface, 2016, 13, 20150907.	1.5	16
83	Is the efficacy of antibiotic prophylaxis for surgical procedures decreasing? Systematic review and meta-analysis of randomized control trials. Infection Control and Hospital Epidemiology, 2019, 40, 133-141.	1.0	16
84	Vaccination coverage in India: A small area estimation approach. Vaccine, 2015, 33, 1731-1738.	1.7	15
85	Simulating the impact of excise taxation for disease prevention in low-income and middle-income countries: an application to South Africa. BMJ Global Health, 2018, 3, e000568.	2.0	15
86	Variation in cost and performance of routine immunisation service delivery in India. BMJ Global Health, 2018, 3, e000794.	2.0	15
87	Point prevalence surveys of antimicrobial use among eight neonatal intensive care units in India: 2016. International Journal of Infectious Diseases, 2018, 71, 20-24.	1.5	14
88	Investing in antibiotics to alleviate future catastrophic outcomes: What is the value of having an effective antibiotic to mitigate pandemic influenza?. Health Economics (United Kingdom), 2019, 28, 556-571.	0.8	14
89	Applying a One Health Approach in Global Health and Medicine: Enhancing Involvement of Medical Schools and Global Health Centers. Annals of Global Health, 2021, 87, 30.	0.8	14
90	Indiaâ€™s Battle against COVID-19: Progress and Challenges. American Journal of Tropical Medicine and Hygiene, 2020, 103, 1343-1347.	0.6	14

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91	Diversify or focus? Spending to combat infectious diseases when budgets are tight. Journal of Health Economics, 2012, 31, 658-675.	1.3	13
92	Are Physicians' Prescribing Decisions Sensitive to Drug Prices? Evidence from a Freeâ€antibiotics Program. Health Economics (United Kingdom), 2015, 24, 158-174.	0.8	13
93	Quantifying uncertainty about future antimicrobial resistance: Comparing structured expert judgment and statistical forecasting methods. PLoS ONE, 2019, 14, e0219190.	1.1	13
94	The need for better evidence to evaluate the health & economic benefits of Indiaâ€²s Rashtriya Swasthya Bima Yojana. Indian Journal of Medical Research, 2015, 142, 383.	0.4	13
95	Health and economic benefits of scaling up a home-based neonatal care package in rural India: a modelling analysis. Health Policy and Planning, 2016, 31, 634-644.	1.0	12
96	Potential impact of introducing the pneumococcal conjugate vaccine into national immunisation programmes: an economic-epidemiological analysis using data from India. BMJ Global Health, 2018, 3, e000636.	2.0	11
97	Using Oral Vancomycin Prescriptions as a Proxy Measure forClostridium difficileInfections: A Spatial and Time Series Analysis. Infection Control and Hospital Epidemiology, 2011, 32, 723-726.	1.0	10
98	The value of tracking antibiotic consumption. Lancet Infectious Diseases, The, 2014, 14, 360-361.	4.6	10
99	Determinants of cost of routine immunization programme in India. Vaccine, 2018, 36, 3836-3841.	1.7	8
100	Associations between private vaccine and antimicrobial consumption across Indian states, 2009â€“2017. Annals of the New York Academy of Sciences, 2021, 1494, 31-43.	1.8	7
101	Gender gaps in cognitive and noncognitive skills among adolescents in India. Journal of Economic Behavior and Organization, 2022, 193, 66-97.	1.0	7
102	Public health facility quality and child immunization outcomes in rural India: A decomposition analysis. Vaccine, 2022, 40, 2388-2398.	1.7	7
103	Adding to the mantra: vaccines prevent illness and death, and preserve existing antibiotics. Lancet Infectious Diseases, The, 2022, 22, 1108-1109.	4.6	7
104	Incentives for Reporting Disease Outbreaks. PLoS ONE, 2014, 9, e90290.	1.1	6
105	The quadruple burden of sepsis. Cmaj, 2017, 189, E1128-E1129.	0.9	6
106	Challenges in Antibiotic R&D Calling for a Global Strategy Considering Both Short- and Long-Term Solutions. ACS Infectious Diseases, 2019, 5, 1265-1268.	1.8	6
107	The effect of generic market entry on antibiotic prescriptions in the United States. Nature Communications, 2021, 12, 2937.	5.8	6
108	Cost Per DALY Averted in a Surgical Unit of a Private Hospital in India. World Journal of Surgery, 2016, 40, 1034-1040.	0.8	5

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109	Correction to global antibiotic consumption data. Lancet Infectious Diseases, The, 2017, 17, 476-477.	4.6	4
110	Reply to Charra et al.: Global longitudinal assessment of 2019 changes in defined daily doses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11433-E11435.	3.3	4
111	Reply to Abat et al.: Improved policies necessary to ensure an effective future for antibiotics. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E8111-E8112.	3.3	4
112	Is Gradual and Controlled Approach to Herd Protection a Valid Strategy to Curb the COVID-19 Pandemic?. Indian Pediatrics, 2020, 57, 505-507.	0.2	4
113	Bioeconomic analysis of child-targeted subsidies for artemisinin combination therapies: a cost-effectiveness analysis. Journal of the Royal Society Interface, 2015, 12, 20141356.	1.5	2
114	Quantifying uncertainty in intervention effectiveness with structured expert judgement: an application to obstetric fistula. BMJ Open, 2015, 5, e007233-e007233.	0.8	2
115	SARS-CoV-2 testing strategies for outbreak mitigation in vaccinated populations. PLoS ONE, 2022, 17, e0271103.	1.1	2
116	Global Antibiotic Use and Resistance. Open Forum Infectious Diseases, 2016, 3, .	0.4	0
117	Antibiotic resistance, stewardship, and consumption â€“ Authors' reply. Lancet Planetary Health, The, 2019, 3, e68.	5.1	0