

Manoj Gambhir

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,376
citations

172386

29
h-index

168321

53
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94
all docs

94
docs citations

94
times ranked

5226
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors Associated With Measles Transmission in the United States During the Postelimination Era. <i>JAMA Pediatrics</i> , 2020, 174, 56.	3.3	25
2	Effects of agrochemical pollution on schistosomiasis transmission: a systematic review and modelling analysis. <i>Lancet Planetary Health</i> , The, 2020, 4, e280-e291.	5.1	20
3	Modeling the West Nile virus transfusion transmission risk in a nonoutbreak country associated with traveling donors. <i>Transfusion</i> , 2020, 60, 2611-2621.	0.8	1
4	Review of Mathematical Models of Vaccination for Preventing Congenital Cytomegalovirus Infection. <i>Journal of Infectious Diseases</i> , 2020, 221, S86-S93.	1.9	8
5	School dismissal as a pandemic influenza response: When, where and for how long?. <i>Epidemics</i> , 2019, 28, 100348.	1.5	32
6	The role of super-spreading events in <i>Mycobacterium tuberculosis</i> transmission: evidence from contact tracing. <i>BMC Infectious Diseases</i> , 2019, 19, 244.	1.3	27
7	Agrochemicals increase risk of human schistosomiasis by supporting higher densities of intermediate hosts. <i>Nature Communications</i> , 2018, 9, 837.	5.8	71
8	A Systematic Review and Meta-analysis of the Factors Associated With Nonadherence and Discontinuation of Statins Among People Aged ≥65 Years. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 798-805.	1.7	46
9	Adherence and Persistence Among Statin Users Aged 65 Years and Over: A Systematic Review and Meta-analysis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 813-819.	1.7	63
10	Measures of Population Ageing in Australia from 1950 to 2050. <i>Journal of Population Ageing</i> , 2018, 11, 367-385.	0.8	16
11	Estimating the elimination feasibility in the 'end game' of control efforts for parasites subjected to regular mass drug administration: Methods and their application to schistosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006794.	1.3	3
12	Risk prediction system for dengue transmission based on high resolution weather data. <i>PLoS ONE</i> , 2018, 13, e0208203.	1.1	9
13	Investigating spatiotemporal dynamics and synchrony of influenza epidemics in Australia: An agent-based modelling approach. <i>Simulation Modelling Practice and Theory</i> , 2018, 87, 412-431.	2.2	62
14	The impact of shared sanitation facilities on diarrheal diseases with and without an environmental reservoir: a modeling study. <i>Pathogens and Global Health</i> , 2018, 112, 195-202.	1.0	5
15	Agent-based models of malaria transmission: a systematic review. <i>Malaria Journal</i> , 2018, 17, 299.	0.8	66
16	Prevalence of <i>Chlamydia trachomatis</i> -Specific Antibodies before and after Mass Drug Administration for Trachoma in Community-Wide Surveys of Four Communities in Nepal. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 216-220.	0.6	11
17	Gender-based differences in water, sanitation and hygiene-related diarrheal disease and helminthic infections: a systematic review and meta-analysis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2017, 110, 637-648.	0.7	16
18	Emerging Infectious Diseases and Blood Safety: Modeling the Transfusion-Transmission Risk. <i>Transfusion Medicine Reviews</i> , 2017, 31, 154-164.	0.9	27

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19	Estimating Direct and Indirect Protective Effect of Influenza Vaccination in the United States. American Journal of Epidemiology, 2017, 186, 92-100.	1.6	31
20	Probabilistic forecasts of trachoma transmission at the district level: A statistical model comparison. Epidemics, 2017, 18, 48-55.	1.5	13
21	O14.4â€¦Oropharyngeal transmission of <i>Neisseria gonorrhoeae</i> among men who have sex with men and potential impacts of mouthwash. , 2017, , .		1
22	Assessment of the Status of Measles Elimination in the United States, 2001â€“2014. American Journal of Epidemiology, 2017, 185, 562-569.	1.6	16
23	Neisseria gonorrhoeae Transmission Among Men Who Have Sex With Men: An Anatomical Site-Specific Mathematical Model Evaluating the Potential Preventive Impact of Mouthwash. Sexually Transmitted Diseases, 2017, 44, 586-592.	0.8	54
24	Targeted human papillomavirus vaccination for young men who have sex with men in Australia yields significant population benefits and is cost-effective. Vaccine, 2017, 35, 4923-4929.	1.7	38
25	Emerging infectious disease agents and blood safety in Australia: spotlight on Zika virus. Medical Journal of Australia, 2017, 206, 455-460.	0.8	5
26	Improving our forecasts for trachoma elimination: What else do we need to know?. PLoS Neglected Tropical Diseases, 2017, 11, e0005378.	1.3	10
27	Patterns and Predictors of Adherence to Statin Therapy Among Older Patients: Protocol for a Systematic Review. JMIR Research Protocols, 2017, 6, e39.	0.5	4
28	Exportations of Symptomatic Cases of MERS-CoV Infection to Countries outside the Middle East. Emerging Infectious Diseases, 2016, 22, 723-725.	2.0	11
29	Estimation of Severe Middle East Respiratory Syndrome Cases in the Middle East, 2012â€“2016. Emerging Infectious Diseases, 2016, 22, 1797-1799.	2.0	4
30	Influence of parity and sexual history on cytomegalovirus seroprevalence among women aged 20â€“49 years in the USA. International Journal of Gynecology and Obstetrics, 2016, 135, 82-85.	1.0	11
31	Ebola virus disease and social media: A systematic review. American Journal of Infection Control, 2016, 44, 1660-1671.	1.1	93
32	Targeting pediatric versus elderly populations for norovirus vaccines: a model-based analysis of mass vaccination options. Epidemics, 2016, 17, 42-49.	1.5	26
33	Enhanced antibiotic distribution strategies and the potential impact of facial cleanliness and environmental improvements for the sustained control of trachoma: a modelling study. BMC Medicine, 2016, 14, 71.	2.3	20
34	P066â€¦Transmission of <i>Neisseria Gonorrhoeae</i> among men who have sex with men: an anatomical site-specific mathematical model and impact of mouthwash. Sexually Transmitted Infections, 2016, 92, A41.2-A41.	0.8	0
35	Modeling in Real Time During the Ebola Response. MMWR Supplements, 2016, 65, 85-89.	15.3	14
36	Estimation of Severe Middle East Respiratory Syndrome Cases in the Middle East, 2012â€“2016. Emerging Infectious Diseases, 2016, 22, 1797-1799.	2.0	4

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37	Evaluating Ebola vaccine trials: insights from simulation. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 1134.	4.6	5
38	Case-ascertained study of household transmission of seasonal influenza in South Africa, 2013. <i>Journal of Infection</i> , 2015, 71, 578-586.	1.7	10
39	Estimating the Future Impact of a Multi-Pronged Intervention Strategy on Ocular Disease Sequelae Caused by Trachoma: A Modeling Study. <i>Ophthalmic Epidemiology</i> , 2015, 22, 394-402.	0.8	11
40	Serological Measures of Trachoma Transmission Intensity. <i>Scientific Reports</i> , 2015, 5, 18532.	1.6	33
41	Possible changes in the transmissibility of trachoma following MDA and transmission reduction: implications for the GET2020 goals. <i>Parasites and Vectors</i> , 2015, 8, 530.	1.0	10
42	Can oral vitamin D prevent the cardiovascular diseases among migrants in Australia? Provider perspective using Markov modelling. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 596-601.	0.9	3
43	Improvements in life expectancy among Australians due to reductions in smoking: Results from a risk percentiles approach. <i>BMC Public Health</i> , 2015, 16, 77.	1.2	3
44	Modelling the distribution and transmission intensity of lymphatic filariasis in sub-Saharan Africa prior to scaling up interventions: integrated use of geostatistical and mathematical modelling. <i>Parasites and Vectors</i> , 2015, 8, 560.	1.0	62
45	Estimating Ebola Treatment Needs, United States. <i>Emerging Infectious Diseases</i> , 2015, 21, 1273-1275.	2.0	15
46	Statistical power and validity of Ebola vaccine trials in Sierra Leone: a simulation study of trial design and analysis. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 703-710.	4.6	64
47	The Allee Effect and Elimination of Neglected Tropical Diseases: A Mathematical Modelling Study. <i>Advances in Parasitology</i> , 2015, 87, 1-31.	1.4	14
48	Estimating the Potential Effects of a Vaccine Program Against an Emerging Influenza Pandemic in the United States. <i>Clinical Infectious Diseases</i> , 2015, 60, S20-S29.	2.9	27
49	Control of Trachoma in Australia: A Model Based Evaluation of Current Interventions. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003474.	1.3	15
50	Infectious Disease Modeling Methods as Tools for Informing Response to Novel Influenza Viruses of Unknown Pandemic Potential. <i>Clinical Infectious Diseases</i> , 2015, 60, S11-S19.	2.9	11
51	Modeling the Effect of School Closures in a Pandemic Scenario: Exploring Two Different Contact Matrices. <i>Clinical Infectious Diseases</i> , 2015, 60, S58-S63.	2.9	12
52	Standardizing Scenarios to Assess the Need to Respond to an Influenza Pandemic. <i>Clinical Infectious Diseases</i> , 2015, 60, S1-S8.	2.9	29
53	A Change in Vaccine Efficacy and Duration of Protection Explains Recent Rises in Pertussis Incidence in the United States. <i>PLoS Computational Biology</i> , 2015, 11, e1004138.	1.5	85
54	Typhoid transmission: a historical perspective on mathematical model development. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2015, 109, 679-689.	0.7	16

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55	Deaths averted by influenza vaccination in the U.S. during the seasons 2005/06 through 2013/14. <i>Vaccine</i> , 2015, 33, 3003-3009.	1.7	69
56	Incidence of Pediatric and Adult Herpes Zoster in an Era of Varicella and Herpes Zoster Vaccines. <i>Open Forum Infectious Diseases</i> , 2015, 2, .	0.4	4
57	Short-term Forecasting of the Prevalence of Trachoma: Expert Opinion, Statistical Regression, versus Transmission Models. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004000.	1.3	18
58	Estimates of the reproduction number for seasonal, pandemic, and zoonotic influenza: a systematic review of the literature. <i>BMC Infectious Diseases</i> , 2014, 14, 480.	1.3	423
59	Epidemiologic Implications of Asymptomatic Reinfection: A Mathematical Modeling Study of Norovirus. <i>American Journal of Epidemiology</i> , 2014, 179, 507-512.	1.6	70
60	Modeling the potential impact of vaccination on the epidemiology of congenital cytomegalovirus infection. <i>Vaccine</i> , 2014, 32, 3780-3786.	1.7	30
61	Duration of Immunity to Norovirus Gastroenteritis. <i>Emerging Infectious Diseases</i> , 2013, 19, 1260-1267.	2.0	165
62	Estimates of the Number of Human Infections With Influenza A(H3N2) Variant Virus, United States, August 2011–April 2012. <i>Clinical Infectious Diseases</i> , 2013, 57, S12-S15.	2.9	33
63	Modelling Co-Infection with Malaria and Lymphatic Filariasis. <i>PLoS Computational Biology</i> , 2013, 9, e1003096.	1.5	23
64	Using a Nonparametric Multilevel Latent Markov Model to Evaluate Diagnostics for Trachoma. <i>American Journal of Epidemiology</i> , 2013, 177, 913-922.	1.6	17
65	Transmissibility of Variant Influenza From Swine to Humans: A Modeling Approach. <i>Clinical Infectious Diseases</i> , 2013, 57, S16-S22.	2.9	15
66	Multiple Contributory Factors to the Age Distribution of Disease Cases: A Modeling Study in the Context of Influenza A(H3N2v). <i>Clinical Infectious Diseases</i> , 2013, 57, S23-S27.	2.9	13
67	Sensitivity analysis of infectious disease models: methods, advances and their application. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20121018.	1.5	196
68	Sequential Modelling of the Effects of Mass Drug Treatments on Anopheline-Mediated Lymphatic Filariasis Infection in Papua New Guinea. <i>PLoS ONE</i> , 2013, 8, e67004.	1.1	25
69	Spatially-Explicit Simulation Modeling of Ecological Response to Climate Change: Methodological Considerations in Predicting Shifting Population Dynamics of Infectious Disease Vectors. <i>ISPRS International Journal of Geo-Information</i> , 2013, 2, 645-664.	1.4	7
70	A Research Agenda for Helminth Diseases of Humans: Modelling for Control and Elimination. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1548.	1.3	85
71	The Clinical Interpretation of Viral Blips in HIV Patients Receiving Antiviral Treatment. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012, 60, 5-11.	0.9	18
72	Causal diagrams in systems epidemiology. <i>Emerging Themes in Epidemiology</i> , 2012, 9, 1.	1.2	88

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73	Understanding Reduced Rotavirus Vaccine Efficacy in Low Socio-Economic Settings. PLoS ONE, 2012, 7, e41720.	1.1	115
74	Geographic and ecologic heterogeneity in elimination thresholds for the major vector-borne helminthic disease, lymphatic filariasis. BMC Biology, 2010, 8, 22.	1.7	67
75	Targeting Antibiotics to Households for Trachoma Control. PLoS Neglected Tropical Diseases, 2010, 4, e862.	1.3	22
76	Observed Reductions in Schistosoma mansoni Transmission from Large-Scale Administration of Praziquantel in Uganda: A Mathematical Modelling Study. PLoS Neglected Tropical Diseases, 2010, 4, e897.	1.3	76
77	Superinfection with a heterologous HIV strain per se does not lead to faster progression. Mathematical Biosciences, 2010, 224, 1-9.	0.9	9
78	Modelling Trachoma for Control Programmes. Advances in Experimental Medicine and Biology, 2010, 673, 141-156.	0.8	12
79	Transmission Models and Management of Lymphatic Filariasis Elimination. Advances in Experimental Medicine and Biology, 2010, 673, 157-171.	0.8	9
80	Vector Transmission Heterogeneity and the Population Dynamics and Control of Lymphatic Filariasis. Advances in Experimental Medicine and Biology, 2010, 673, 13-31.	0.8	14
81	Estimating Household and Community Transmission of Ocular Chlamydia trachomatis. PLoS Neglected Tropical Diseases, 2009, 3, e401.	1.3	42
82	The Development of an Age-Structured Model for Trachoma Transmission Dynamics, Pathogenesis and Control. PLoS Neglected Tropical Diseases, 2009, 3, e462.	1.3	89
83	Quasi-cycles and sensitive dependence on seed values in edge of chaos behaviour in a class of self-evolving maps. Chaos, Solitons and Fractals, 2008, 38, 641-649.	2.5	3
84	Complex Ecological Dynamics and Eradicability of the Vector Borne Macroparasitic Disease, Lymphatic Filariasis. PLoS ONE, 2008, 3, e2874.	1.1	71
85	Trachoma: transmission, infection, and control. Lancet Infectious Diseases, The, 2007, 7, 420-427.	4.6	45
86	Short-Range Disorder and Long-Range Order: Implications of the "Rigid Unit Mode" Picture. , 2002, , 253-271.		0
87	Anatomy of a structural phase transition: theoretical analysis of the displacive phase transition in quartz and other silicates. Physics and Chemistry of Minerals, 1999, 26, 344-353.	0.3	38
88	Floppy Modes in Crystalline and Amorphous Silicates. Physical Review Letters, 1997, 78, 1070-1073.	2.9	123
89	A one-parameter model of a rigid-unit structure. Phase Transitions, 1997, 61, 125-139.	0.6	7
90	Distortions of framework structures. Phase Transitions, 1996, 58, 121-143.	0.6	37