

Forrest W Crawford

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2416420/publications.pdf>

Version: 2024-02-01

50
papers

1,723
citations

489802

18
h-index

371746

37
g-index

61
all docs

61
docs citations

61
times ranked

3006
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting daily COVID-19 case rates from SARS-CoV-2 RNA concentrations across a diversity of wastewater catchments. <i>FEMS Microbes</i> , 2022, 2, xtab022.	0.8	19
2	Impact of close interpersonal contact on COVID-19 incidence: Evidence from 1 year of mobile device data. <i>Science Advances</i> , 2022, 8, eabi5499.	4.7	19
3	Vaccination with BNT162b2 reduces transmission of SARS-CoV-2 to household contacts in Israel. <i>Science</i> , 2022, 375, 1151-1154.	6.0	109
4	SARS-CoV-2 Attack Rate and Population Immunity in Southern New England, March 2020 to May 2021. <i>JAMA Network Open</i> , 2022, 5, e2214171.	2.8	5
5	Violence and Discrimination Against Men Who Have Sex With Men in Lebanon: The Role of International Displacement and Migration. <i>Journal of Interpersonal Violence</i> , 2021, 36, 10267-10284.	1.3	8
6	Repeat SARS-CoV-2 testing models for residential college populations. <i>Health Care Management Science</i> , 2021, 24, 305-318.	1.5	29
7	Estimates of people who injected drugs within the last 12 months in Belgium based on a capture-recapture and multiplier method. <i>Drug and Alcohol Dependence</i> , 2021, 219, 108436.	1.6	2
8	Identification of causal intervention effects under contagion. <i>Journal of Causal Inference</i> , 2021, 9, 9-38.	0.5	4
9	One year of modeling and forecasting COVID-19 transmission to support policymakers in Connecticut. <i>Scientific Reports</i> , 2021, 11, 20271.	1.6	18
10	COVID-19 Testing and Case Rates and Social Contact Among Residential College Students in Connecticut During the 2020-2021 Academic Year. <i>JAMA Network Open</i> , 2021, 4, e2140602.	2.8	22
11	Cost-effectiveness of expanding the capacity of opioid agonist treatment in Ukraine: dynamic modeling analysis. <i>Addiction</i> , 2020, 115, 437-450.	1.7	15
12	Transmission Modeling with Regression Adjustment for Analyzing Household-based Studies of Infectious Disease. <i>Epidemiology</i> , 2020, 31, 238-247.	1.2	1
13	Using sigLASSO to optimize cancer mutation signatures jointly with sampling likelihood. <i>Nature Communications</i> , 2020, 11, 3575.	5.8	28
14	Collective communication and behaviour in response to uncertain "Danger"™ in network experiments. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20190685.	1.0	6
15	Creating a Framework for Conducting Randomized Clinical Trials during Disease Outbreaks. <i>New England Journal of Medicine</i> , 2020, 382, 1366-1369.	13.9	63
16	Estimation of Excess Deaths Associated With the COVID-19 Pandemic in the United States, March to May 2020. <i>JAMA Internal Medicine</i> , 2020, 180, 1336.	2.6	374
17	Divergent estimates of HIV incidence among people who inject drugs in Ukraine. <i>International Journal of Drug Policy</i> , 2019, 73, 156-162.	1.6	2
18	Interpretation of the Individual Effect Under Treatment Spillover. <i>American Journal of Epidemiology</i> , 2019, 188, 1407-1409.	1.6	6

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19	Empirical evidence of recruitment bias in a network study of people who inject drugs. <i>American Journal of Drug and Alcohol Abuse</i> , 2019, 45, 460-469.	1.1	2
20	Suspected heroin-related overdoses incidents in Cincinnati, Ohio: A spatiotemporal analysis. <i>PLoS Medicine</i> , 2019, 16, e1002956.	3.9	17
21	An Adaptive Approach to Locating Mobile HIV Testing Services. <i>Medical Decision Making</i> , 2018, 38, 262-272.	1.2	6
22	Risk ratios for contagious outcomes. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170696.	1.5	16
23	Estimating dose-specific cell division and apoptosis rates from chemo-sensitivity experiments. <i>Scientific Reports</i> , 2018, 8, 2705.	1.6	5
24	Computational methods for birth-death processes. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2018, 10, e1423.	2.1	12
25	Exposure, hazard, and survival analysis of diffusion on social networks. <i>Statistics in Medicine</i> , 2018, 37, 2561-2585.	0.8	9
26	Hidden Population Size Estimation From Respondent-Driven Sampling: A Network Approach. <i>Journal of the American Statistical Association</i> , 2018, 113, 755-766.	1.8	41
27	Identification of Homophily and Preferential Recruitment in Respondent-Driven Sampling. <i>American Journal of Epidemiology</i> , 2018, 187, 153-160.	1.6	29
28	Birth/birth-death processes and their computable transition probabilities with biological applications. <i>Journal of Mathematical Biology</i> , 2018, 76, 911-944.	0.8	28
29	HIV Testing and awareness of HIV status among people who inject drugs in greater Kuala Lumpur, Malaysia. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2018, 30, 59-64.	0.6	9
30	Dynamics of the HIV outbreak and response in Scott County, IN, USA, 2011-15: a modelling study. <i>Lancet HIV</i> , 2018, 5, e569-e577.	2.1	84
31	Direct likelihood-based inference for discretely observed stochastic compartmental models of infectious disease. <i>Annals of Applied Statistics</i> , 2018, 12, .	0.5	8
32	Computer-assisted detection of tardus parvus waveforms on Doppler ultrasound. <i>Ultrasound</i> , 2018, 26, 81-92.	0.3	3
33	HIV Risk, Prevalence, and Access to Care Among Men Who Have Sex with Men in Lebanon. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 1149-1154.	0.5	23
34	Using data from respondent-driven sampling studies to estimate the number of people who inject drugs: Application to the Kohtla-Järve region of Estonia. <i>PLoS ONE</i> , 2017, 12, e0185711.	1.1	4
35	Predictors of mortality within prison and after release among persons living with HIV in Indonesia. <i>Research and Reports in Tropical Medicine</i> , 2017, Volume 8, 25-35.	2.8	10
36	The burden of typhoid fever in low- and middle-income countries: A meta-regression approach. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005376.	1.3	212

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37	The Graphical Structure of Respondent-driven Sampling. <i>Sociological Methodology</i> , 2016, 46, 187-211.	1.4	17
38	Coupling bounds for approximating birth-death processes by truncation. <i>Statistics and Probability Letters</i> , 2016, 109, 30-38.	0.4	4
39	Sex, lies and self-reported counts: Bayesian mixture models for heaping in longitudinal count data via birth-death processes. <i>Annals of Applied Statistics</i> , 2015, 9, 572-596.	0.5	20
40	Did Large-Scale Vaccination Drive Changes in the Circulating Rotavirus Population in Belgium?. <i>Scientific Reports</i> , 2015, 5, 18585.	1.6	36
41	Nonparametric identification for respondent-driven sampling. <i>Statistics and Probability Letters</i> , 2015, 106, 100-102.	0.4	7
42	Markov counting models for correlated binary responses. <i>Biostatistics</i> , 2015, 16, 427-440.	0.9	1
43	Combining List Experiment and Direct Question Estimates of Sensitive Behavior Prevalence. <i>Journal of Survey Statistics and Methodology</i> , 2015, 3, 43-66.	0.5	54
44	Obesity not associated with severity among hospitalized adults with seasonal influenza virus infection. <i>Infection</i> , 2015, 43, 569-575.	2.3	35
45	Historical Biogeography Using Species Geographical Ranges. <i>Systematic Biology</i> , 2015, 64, 1059-1073.	2.7	46
46	HIV Prevalence Among People Who Inject Drugs in Greater Kuala Lumpur Recruited Using Respondent-Driven Sampling. <i>AIDS and Behavior</i> , 2015, 19, 2347-2357.	1.4	18
47	On the distribution of interspecies correlation for Markov models of character evolution on Yule trees. <i>Journal of Theoretical Biology</i> , 2015, 364, 275-283.	0.8	10
48	Estimation for General Birth-Death Processes. <i>Journal of the American Statistical Association</i> , 2014, 109, 730-747.	1.8	32
49	Diversity, Disparity, and Evolutionary Rate Estimation for Unresolved Yule Trees. <i>Systematic Biology</i> , 2013, 62, 439-455.	2.7	17
50	Transition probabilities for general birth-death processes with applications in ecology, genetics, and evolution. <i>Journal of Mathematical Biology</i> , 2012, 65, 553-580.	0.8	60