

Jude Dzevela Kong

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

617
citations

840119

11
h-index

839053

18
g-index

60
all docs

60
docs citations

60
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacteriaâ€”bacteriophage cycles facilitate Cholera outbreak cycles: an indirect Susceptible-Infected-Recovered-Bacteria- Phage (iSIRBP) model-based mathematical study. <i>Journal of Biological Dynamics</i> , 2022, 16, 29-43.	0.8	4
2	Health Effects of Metabolic Risks in the United States From 1990 to 2019. <i>Frontiers in Public Health</i> , 2022, 10, 751126.	1.3	3
3	Harnessing Artificial Intelligence to assess the impact of nonpharmaceutical interventions on the second wave of the Coronavirus Disease 2019 pandemic across the world. <i>Scientific Reports</i> , 2022, 12, 944.	1.6	7
4	Assessing Inequities in COVID-19 Vaccine Roll-Out Strategy Programs: A Cross-Country Study Using a Machine Learning Approach. <i>Vaccines</i> , 2022, 10, 194.	2.1	12
5	The basic reproduction number of COVID-19 across Africa. <i>PLoS ONE</i> , 2022, 17, e0264455.	1.1	12
6	The effect of COVID-19 on public hospital revenues in Iran: An interrupted time-series analysis. <i>PLoS ONE</i> , 2022, 17, e0266343.	1.1	5
7	Harnessing Big Data, Smart and Digital Technologies and Artificial Intelligence for Preventing, Early Intercepting, Managing, and Treating Psoriatic Arthritis: Insights From a Systematic Review of the Literature. <i>Frontiers in Immunology</i> , 2022, 13, 847312.	2.2	8
8	Big Data in Cardiology: State-of-Art and Future Prospects. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 844296.	1.1	12
9	Latent Profile Analysis to Survey Positive Mental Health and Well-Being: A Pilot Investigation Insight Tunisian Facebook Users. <i>Frontiers in Psychiatry</i> , 2022, 13, 824134.	1.3	2
10	Efficacy of a â€œstay-at-homeâ€•policy on SARS-CoV-2 transmission in Toronto, Canada: a mathematical modelling study. <i>CMAJ Open</i> , 2022, 10, E367-E378.	1.1	11
11	Studying the mixed transmission in a community with age heterogeneity: COVID-19 as a case study. <i>Infectious Disease Modelling</i> , 2022, 7, 250-260.	1.2	1
12	The impact of non-pharmaceutical interventions, demographic, social, and climatic factors on the initial growth rate of COVID-19: A cross-country study. <i>Science of the Total Environment</i> , 2021, 760, 144325.	3.9	63
13	Cost and social distancing dynamics in a mathematical model of COVID-19 with application to Ontario, Canada. <i>Royal Society Open Science</i> , 2021, 8, 201770.	1.1	15
14	Phytoplankton Competition for Nutrients and Light in a Stratified Lake: A Mathematical Model Connecting Epilimnion and Hypolimnion. <i>Journal of Nonlinear Science</i> , 2021, 31, 1.	1.0	10
15	Effectiveness of community face mask use on COVID-19 epidemiological trends and patterns in Italy: evidence from a â€œtranslationalâ€•study. <i>Infectious Diseases</i> , 2021, 53, 252-254.	1.4	4
16	Gynecology Meets Big Data in the Disruptive Innovation Medical Era: State-of-Art and Future Prospects. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5058.	1.2	14
17	Development of the 12-Item Social Media Disinformation Scale and its Association With Social Media Addiction and Mental Health Related to COVID-19 in Tunisia: Survey-Based Pilot Case Study. <i>JMIR Formative Research</i> , 2021, 5, e27280.	0.7	14
18	Burden of Respiratory Infection and Tuberculosis Among US States from 1990 to 2019. <i>Clinical Epidemiology</i> , 2021, Volume 13, 503-514.	1.5	3

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19	Could a New COVID-19 Mutant Strain Undermine Vaccination Efforts? A Mathematical Modelling Approach for Estimating the Spread of B.1.1.7 Using Ontario, Canada, as a Case Study. <i>Vaccines</i> , 2021, 9, 592.	2.1	15
20	Illicit Drug Use in Canada and Implications for Suicidal Behaviors, and Household Food Insecurity: Findings from a Large, Nationally Representative Survey. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6425.	1.2	6
21	Social, economic, and environmental factors influencing the basic reproduction number of COVID-19 across countries. <i>PLoS ONE</i> , 2021, 16, e0252373.	1.1	47
22	Development of an Early Alert System for an Additional Wave of COVID-19 Cases Using a Recurrent Neural Network with Long Short-Term Memory. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7376.	1.2	5
23	Leveraging Artificial Intelligence and Big Data to Optimize COVID-19 Clinical Public Health and Vaccination Roll-Out Strategies in Africa. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7890.	1.2	13
24	Integrated vaccination and non-pharmaceutical interventions based strategies in Ontario, Canada, as a case study: a mathematical modelling study. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210009.	1.5	23
25	COVID-19 Pandemic Related Research in Africa: Bibliometric Analysis of Scholarly Output, Collaborations and Scientific Leadership. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7273.	1.2	10
26	Big Data for Biomedical Education with a Focus on the COVID-19 Era: An Integrative Review of the Literature. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8989.	1.2	8
27	Trends and Regional Variation in Prevalence of Cardiovascular Risk Factors and Association With Socioeconomic Status in Canada, 2005-2016. <i>JAMA Network Open</i> , 2021, 4, e2121443.	2.8	11
28	Systematic Review and Meta-Analysis of Tocilizumab Therapy versus Standard of Care in over 15,000 COVID-19 Pneumonia Patients during the First Eight Months of the Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9149.	1.2	16
29	Comparing Public Sentiment Toward COVID-19 Vaccines Across Canadian Cities: Analysis of Comments on Reddit. <i>Journal of Medical Internet Research</i> , 2021, 23, e32685.	2.1	28
30	A mathematical model for Vibrio-phage interactions. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 2688-2712.	1.0	1
31	SARS-CoV-2 and self-medication in Cameroon: a mathematical model. <i>Journal of Biological Dynamics</i> , 2021, 15, 137-150.	0.8	11
32	Assessing the impact of adherence to Non-pharmaceutical interventions and indirect transmission on the dynamics of COVID-19: a mathematical modelling study. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 8905-8932.	1.0	6
33	The Determinants of the Low COVID-19 Transmission and Mortality Rates in Africa: A Cross-Country Analysis. <i>Frontiers in Public Health</i> , 2021, 9, 751197.	1.3	23
34	Predictive Modeling of Vaccination Uptake in US Counties: A Machine Learning-Based Approach. <i>Journal of Medical Internet Research</i> , 2021, 23, e33231.	2.1	9
35	A Bibliometric Network Analysis of Recent Publications on Digital Agriculture to Depict Strategic Themes and Evolution Structure. <i>Sensors</i> , 2021, 21, 7889.	2.1	26
36	Regional and socioeconomic disparities in cardiovascular disease in Canada during 2005-2016: evidence from repeated nationwide cross-sectional surveys. <i>BMJ Global Health</i> , 2021, 6, e006809.	2.0	5

#	ARTICLE	IF	CITATIONS
37	Effect of COVID-19 on the Number of CT-scans and MRI Services of Public Hospitals in Iran: An Interrupted Time Series Analysis.. Ethiopian Journal of Health Sciences, 2021, 31, 1109-1114.	0.2	1
38	Quantifying the annual incidence and underestimation of seasonal influenza: A modelling approach. Theoretical Biology and Medical Modelling, 2020, 17, 11.	2.1	6
39	Fangcang shelter hospitals during the COVID-19 epidemic, Wuhan, China. Bulletin of the World Health Organization, 2020, 98, 830-841D.	1.5	40
40	Second-generation stoichiometric mathematical model to predict methane emissions from oil sands tailings. Science of the Total Environment, 2019, 694, 133645.	3.9	17
41	A stoichiometric organic matter decomposition model in a chemostat culture. Journal of Mathematical Biology, 2018, 76, 609-644.	0.8	12
42	The Inverse Method for a Childhood Infectious Disease Model with Its Application to Pre-vaccination and Post-vaccination Measles Data. Bulletin of Mathematical Biology, 2015, 77, 2231-2263.	0.9	11
43	Stability and Sensitivity Analysis of the iSIR Model for Indirectly Transmitted Infectious Diseases with Immunological Threshold. SIAM Journal on Applied Mathematics, 2014, 74, 1418-1441.	0.8	11
44	Dynamics of a Cholera Transmission Model with Immunological Threshold and Natural Phage Control in Reservoir. Bulletin of Mathematical Biology, 2014, 76, 2025-2051.	0.9	16