Jude Dzevela Kong

List of Publications by Year
in descending order

44	617	840119	839053
papers	citations	11	18
		h-index	g-index

60	60	60	517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The impact of non-pharmaceutical interventions, demographic, social, and climatic factors on the initial growth rate of COVID-19: A cross-country study. Science of the Total Environment, 2021, 760, 144325.	3.9	63
2	Social, economic, and environmental factors influencing the basic reproduction number of COVID-19 across countries. PLoS ONE, 2021, 16, e0252373.	1.1	47
3	Fangcang shelter hospitals during the COVID-19 epidemic, Wuhan, China. Bulletin of the World Health Organization, 2020, 98, 830-841D.	1.5	40
4	Comparing Public Sentiment Toward COVID-19 Vaccines Across Canadian Cities: Analysis of Comments on Reddit. Journal of Medical Internet Research, 2021, 23, e32685.	2.1	28
5	A Bibliometric Network Analysis of Recent Publications on Digital Agriculture to Depict Strategic Themes and Evolution Structure. Sensors, 2021, 21, 7889.	2.1	26
6	Integrated vaccination and non-pharmaceutical interventions based strategies in Ontario, Canada, as a case study: a mathematical modelling study. Journal of the Royal Society Interface, 2021, 18, 20210009.	1.5	23
7	The Determinants of the Low COVID-19 Transmission and Mortality Rates in Africa: A Cross-Country Analysis. Frontiers in Public Health, 2021, 9, 751197.	1.3	23
8	Second-generation stoichiometric mathematical model to predict methane emissions from oil sands tailings. Science of the Total Environment, 2019, 694, 133645.	3.9	17
9	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
10	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. International Journal of Environmental Research and Public Health, 2021, 18, 9149.	1.2	16
11	Cost and social distancing dynamics in a mathematical model of COVID-19 with application to Ontario, Canada. Royal Society Open Science, 2021, 8, 201770.	1.1	15
12	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. Vaccines, 2021, 9, 592.	2.1	15
13	Gynecology Meets Big Data in the Disruptive Innovation Medical Era: State-of-Art and Future Prospects. International Journal of Environmental Research and Public Health, 2021, 18, 5058.	1.2	14
14	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. JMIR Formative Research, 2021, 5, e27280.	0.7	14
15	Leveraging Artificial Intelligence and Big Data to Optimize COVID-19 Clinical Public Health and Vaccination Roll-Out Strategies in Africa. International Journal of Environmental Research and Public Health, 2021, 18, 7890.	1.2	13
16	A stoichiometric organic matter decomposition model in a chemostat culture. Journal of Mathematical Biology, 2018, 76, 609-644.	0.8	12
17	Assessing Inequities in COVID-19 Vaccine Roll-Out Strategy Programs: A Cross-Country Study Using a Machine Learning Approach. Vaccines, 2022, 10, 194.	2.1	12
18	The basic reproduction number of COVID-19 across Africa. PLoS ONE, 2022, 17, e0264455.	1.1	12

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19	Big Data in Cardiology: State-of-Art and Future Prospects. Frontiers in Cardiovascular Medicine, 2022, 9, 844296.	1.1	12
20	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
21	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
22	Trends and Regional Variation in Prevalence of Cardiovascular Risk Factors and Association With Socioeconomic Status in Canada, 2005-2016. JAMA Network Open, 2021, 4, e2121443.	2.8	11
23	SARS-CoV-2 and self-medication in Cameroon: a mathematical model. Journal of Biological Dynamics, 2021, 15, 137-150.	0.8	11
24	Efficacy of a â€œstay-at-homeâ€•policy on SARS-CoV-2 transmission in Toronto, Canada: a mathematical modelling study. CMAJ Open, 2022, 10, E367-E378.	1.1	11
25	Phytoplankton Competition for Nutrients and Light in a Stratified Lake: A Mathematical Model Connecting Epilimnion and Hypolimnion. Journal of Nonlinear Science, 2021, 31, 1.	1.0	10
26	COVID-19 Pandemic Related Research in Africa: Bibliometric Analysis of Scholarly Output, Collaborations and Scientific Leadership. International Journal of Environmental Research and Public Health, 2021, 18, 7273.	1.2	10
27	Predictive Modeling of Vaccination Uptake in US Counties: A Machine Learningâ€"Based Approach. Journal of Medical Internet Research, 2021, 23, e33231.	2.1	9
28	Big Data for Biomedical Education with a Focus on the COVID-19 Era: An Integrative Review of the Literature. International Journal of Environmental Research and Public Health, 2021, 18, 8989.	1.2	8
29	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. Frontiers in Immunology, 2022, 13, 847312.	2.2	8
30	Harnessing Artificial Intelligence to assess the impact of nonpharmaceutical interventions on the second wave of the Coronavirus Disease 2019 pandemic across the world. Scientific Reports, 2022, 12, 944.	1.6	7
31	Quantifying the annual incidence and underestimation of seasonal influenza: A modelling approach. Theoretical Biology and Medical Modelling, 2020, 17, 11.	2.1	6
32	Illicit Drug Use in Canada and Implications for Suicidal Behaviors, and Household Food Insecurity: Findings from a Large, Nationally Representative Survey. International Journal of Environmental Research and Public Health, 2021, 18, 6425.	1.2	6
33	Assessing the impact of adherence to Non-pharmaceutical interventions and indirect transmission on the dynamics of COVID-19: a mathematical modelling study. Mathematical Biosciences and Engineering, 2021, 18, 8905-8932.	1.0	6
34	Development of an Early Alert System for an Additional Wave of COVID-19 Cases Using a Recurrent Neural Network with Long Short-Term Memory. International Journal of Environmental Research and Public Health, 2021, 18, 7376.	1.2	5
35	Regional and socioeconomic disparities in cardiovascular disease in Canada during 2005â€"2016: evidence from repeated nationwide cross-sectional surveys. BMJ Global Health, 2021, 6, e006809.	2.0	5
36	The effect of COVID-19 on public hospital revenues in Iran: An interrupted time-series analysis. PLoS ONE, 2022, 17, e0266343.	1.1	5

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37	Effectiveness of community face mask use on COVID-19 epidemiological trends and patterns in Italy: evidence from a â€œtranslationalâ€•study. Infectious Diseases, 2021, 53, 252-254.	1.4	4
38	Bacteriaâ€"bacteriophage cycles facilitate Cholera outbreak cycles: an indirect Susceptible-Infected-Recovered-Bacteria- Phage (iSIRBP) model-based mathematical study. Journal of Biological Dynamics, 2022, 16, 29-43.	0.8	4
39	Burden of Respiratory Infection and Tuberculosis Among US States from 1990 to 2019. Clinical Epidemiology, 2021, Volume 13, 503-514.	1.5	3
40	Health Effects of Metabolic Risks in the United States From 1990 to 2019. Frontiers in Public Health, 2022, 10, 751126.	1.3	3
41	Latent Profile Analysis to Survey Positive Mental Health and Well-Being: A Pilot Investigation Insight Tunisian Facebook Users. Frontiers in Psychiatry, 2022, 13, 824134.	1.3	2
42	A mathematical model for Vibrio-phage interactions. Mathematical Biosciences and Engineering, 2021, 18, 2688-2712.	1.0	1
43	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
44	Studying the mixed transmission in a community with age heterogeneity: COVID-19 as a case study. Infectious Disease Modelling, 2022, 7, 250-260.	1.2	1