

# Elliot Mbunge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9338188/publications.pdf>

Version: 2024-02-01

39  
papers

1,128  
citations

471371

17  
h-index

454834

30  
g-index

41  
all docs

41  
docs citations

41  
times ranked

509  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating emerging technologies into COVID-19 contact tracing: Opportunities, challenges and pitfalls. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 1631-1636.	1.8	141
2	A critical review of emerging technologies for tackling <scp>COVID</scp> â€19 pandemic. <i>Human Behavior and Emerging Technologies</i> , 2021, 3, 25-39.	2.5	130
3	Effects of COVID-19 in South African health system and society: An explanatory study. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020, 14, 1809-1814.	1.8	125
4	Sensors and healthcare 5.0: transformative shift in virtual care through emerging digital health technologies. <i>Global Health Journal (Amsterdam, Netherlands)</i> , 2021, 5, 169-177.	1.9	101
5	Virtual healthcare services and digital health technologies deployed during coronavirus disease 2019 (COVID-19) pandemic in South Africa: a systematic review. <i>Global Health Journal (Amsterdam, Tj ETQq1 1 0.7843149gBT /Overlock 10</i>	1.9	101
6	Application of deep learning and machine learning models to detect COVID-19 face masks - A review. <i>Sustainable Operations and Computers</i> , 2021, 2, 235-245.	6.3	49
7	Utility of telemedicine in <scp>subâ€Saharan</scp> Africa during the <scp>COVID</scp> â€19 pandemic. A rapid review. <i>Human Behavior and Emerging Technologies</i> , 2021, 3, 843-853.	2.5	48
8	COVID-19 Prevalence among Healthcare Workers. A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 146.	1.2	39
9	A modified UTAUT model for the acceptance and use of digital technology for tackling COVID-19. <i>Sustainable Operations and Computers</i> , 2022, 3, 118-135.	6.3	33
10	Emerging technologies and COVID-19 digital vaccination certificates and passports. <i>Public Health in Practice</i> , 2021, 2, 100136.	0.7	32
11	Towards emotive sensory Web in virtual health care: Trends, technologies, challenges and ethical issues. <i>Sensors International</i> , 2022, 3, 100134.	4.9	30
12	Are we there yet? Unbundling the potential adoption and integration of telemedicine to improve virtual healthcare services in African health systems. <i>Sensors International</i> , 2022, 3, 100152.	4.9	29
13	Ethics for integrating emerging technologies to contain <scp>COVID</scp> â€19 in Zimbabwe. <i>Human Behavior and Emerging Technologies</i> , 2021, 3, 876-890.	2.5	24
14	Application of deep and machine learning techniques for multi-label classification performance on psychotic disorder diseases. <i>Informatics in Medicine Unlocked</i> , 2021, 23, 100545.	1.9	21
15	COVID-19 Digital Vaccination Certificates and Digital Technologies: Lessons from Digital Contact Tracing Apps. <i>SSRN Electronic Journal</i> , 0, , .	0.4	20
16	IMPLEMENTATION OF MACHINE LEARNING FOR PREDICTING MAIZE CROP YIELDS USING MULTIPLE LINEAR REGRESSION AND BACKWARD ELIMINATION. <i>Malaysian Journal of Computing</i> , 2021, 6, 679.	0.5	20
17	Risk Factors for COVID-19 Infection Among Healthcare Workers. A First Report From a Living Systematic Review and meta-Analysis. <i>Safety and Health at Work</i> , 2022, 13, 263-268.	0.3	20
18	Framework for ethical and acceptable use of social distancing tools and smart devices during COVID-19 pandemic in Zimbabwe. <i>Sustainable Operations and Computers</i> , 2021, 2, 190-199.	6.3	19

#	ARTICLE	IF	CITATIONS
19	Digital technologies and COVID-19: reconsidering lockdown exit strategies for Africa. Pan African Medical Journal, 2021, 39, 93.	0.3	18
20	Unbundling the significance of cognitive robots and drones deployed to tackle COVID-19 pandemic: A rapid review to unpack emerging opportunities to improve healthcare in sub-Saharan Africa. Cognitive Robotics, 2021, 1, 205-213.	3.2	18
21	Challenges of Social Distancing and Self-Isolation during COVID-19 Pandemic in Africa: A Critical Review. SSRN Electronic Journal, 0, , .	0.4	14
22	Non-invasive smart implants in healthcare: Redefining healthcare services delivery through sensors and emerging digital health technologies. Sensors International, 2022, 3, 100156.	4.9	14
23	COVID-19 Pandemic in Higher Education: Critical Role of Emerging Technologies in Zimbabwe. SSRN Electronic Journal, 0, , .	0.4	12
24	Application of intelligence-based computational techniques for classification and early differential diagnosis of COVID-19 disease. Data Science and Management, 2021, 4, 10-18.	4.1	11
25	Is malaria elimination a distant dream? Reconsidering malaria elimination strategies in Zimbabwe. Public Health in Practice, 2021, 2, 100168.	0.7	10
26	Prediction of box-office success: a review of trends and machine learning computational models. International Journal of Business Intelligence and Data Mining, 2022, 20, 192.	0.2	10
27	Deep Learning and Machine Learning Techniques for Analyzing Travelers' Online Reviews. Advances in Hospitality, Tourism and the Services Industry, 2022, , 20-39.	0.2	9
28	Diverging Hybrid and Deep Learning Models into Predicting Students' Performance in Smart Learning Environments – A Review. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 182-202.	0.2	8
29	Teaching and Learning in the New Normal: Opportunities and Challenges of Distance Learning Amid COVID-19 Pandemic. SSRN Electronic Journal, 0, , .	0.4	7
30	The application of machine learning to predict genetic relatedness using human mtDNA hypervariable region I sequences. PLoS ONE, 2022, 17, e0263790.	1.1	6
31	m-health framework for improving malaria information dissemination in Buhera rural district amid COVID-19 and beyond. , 2021, , .		4
32	Micro-spatial modelling of malaria cases and environmental risk factors in Buhera rural district, Zimbabwe. , 2021, , .		4
33	The future of smart implants towards personalized and pervasive healthcare in Sub-Saharan Africa: Opportunities, barriers and policy recommendations. Sensors International, 2022, 3, 100173.	4.9	3
34	Application of machine learning models to predict malaria using malaria cases and environmental risk factors. , 2022, , .		3
35	Predicting Student Dropout in Massive Open Online Courses Using Deep Learning Models - A Systematic Review. Lecture Notes in Networks and Systems, 2022, , 212-231.	0.5	3
36	Predicting Diarrhoea Among Children Under Five Years Using Machine Learning Techniques. Lecture Notes in Networks and Systems, 2022, , 94-109.	0.5	3

#	ARTICLE	IF	CITATIONS
37	A Review of Deep Learning Models for Detecting Cyberbullying on Social Media Networks. Lecture Notes in Networks and Systems, 2022, , 528-550.	0.5	3
38	Prediction of Box-office Success: A Review of Trends and Machine Learning Computational Models. International Journal of Business Intelligence and Data Mining, 2021, 1, 1.	0.2	2
39	Diverging Mobile Technology's Cognitive Techniques into Tackling Malaria in Sub-Saharan Africa: A Review. Lecture Notes in Networks and Systems, 2021, , 679-699.	0.5	2