Elliot Mbunge

List of Publications by Year
in descending order

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	Towards emotive sensory Web in virtual health care: Trends, technologies, challenges and ethical issues. Sensors International, 2022, 3, 100134.	4.9	30
2	A modified UTAUT model for the acceptance and use of digital technology for tackling COVID-19. Sustainable Operations and Computers, 2022, 3, 118-135.	6.3	33
3	Are we there yet? Unbundling the potential adoption and integration of telemedicine to improve virtual healthcare services in African health systems. Sensors International, 2022, 3, 100152.	4.9	29
4	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
5	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
6	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
7	COVID-19 Prevalence among Healthcare Workers. A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 146.	1.2	39
8	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
9	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
10	The application of machine learning to predict genetic relatedness using human mtDNA hypervariable region I sequences. PLoS ONE, 2022, 17, e0263790.	1.1	6
11	Application of machine learning models to predict malaria using malaria cases and environmental risk factors. , 2022, , .		3
12	Virtual healthcare services and digital health technologies deployed during coronavirus disease 2019 (COVID-19) pandemic in South Africa: a systematic review. Global Health Journal (Amsterdam,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297	0.9	13
13	Risk Factors for COVID-19 Infection Among Healthcare Workers. A First Report From a Living Systematic Review and meta-Analysis. Safety and Health at Work, 2022, 13, 263-268.	0.3	20
14	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
15	Predicting Diarrhoea Among Children Under Five Years Using Machine Learning Techniques. Lecture Notes in Networks and Systems, 2022, , 94-109.	0.5	3
16	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
17	A critical review of emerging technologies for tackling <scp>COVID</scp> â€19 pandemic. Human Behavior and Emerging Technologies, 2021, 3, 25-39.	2.5	130
18	Application of deep learning and machine learning models to detect COVID-19 face masks - A review. Sustainable Operations and Computers, 2021, 2, 235-245.	6.3	49

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19	Digital technologies and COVID-19: reconsidering lockdown exit strategies for Africa. Pan African Medical Journal, 2021, 39, 93.	0.3	18
20	m-health framework for improving malaria information dissemination in Buhera rural district amid COVID-19 and beyond. , 2021, , .		4
21	Micro-spatial modelling of malaria cases and environmental risk factors in Buhera rural district, Zimbabwe. , 2021, , .		4
22	Ethics for integrating emerging technologies to contain <scp>COVID</scp> â€19 in Zimbabwe. Human Behavior and Emerging Technologies, 2021, 3, 876-890.	2.5	24
23	Is malaria elimination a distant dream? Reconsidering malaria elimination strategies in Zimbabwe. Public Health in Practice, 2021, 2, 100168.	0.7	10
24	Emerging technologies and COVID-19 digital vaccination certificates and passports. Public Health in Practice, 2021, 2, 100136.	0.7	32
25	Framework for ethical and acceptable use of social distancing tools and smart devices during COVID-19 pandemic in Zimbabwe. Sustainable Operations and Computers, 2021, 2, 190-199.	6.3	19
26	IMPLEMENTATION OF MACHINE LEARNING FOR PREDICTING MAIZE CROP YIELDS USING MULTIPLE LINEAR REGRESSION AND BACKWARD ELIMINATION. Malaysian Journal of Computing, 2021, 6, 679.	0.5	20
27	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
28	Application of deep and machine learning techniques for multi-label classification performance on psychotic disorder diseases. Informatics in Medicine Unlocked, 2021, 23, 100545.	1.9	21
29	Utility of telemedicine in <scp>subâ€Saharan</scp> Africa during the <scp>COVID</scp> â€19 pandemic. A rapid review. Human Behavior and Emerging Technologies, 2021, 3, 843-853.	2.5	48
30	Sensors and healthcare 5.0: transformative shift in virtual care through emerging digital health technologies. Global Health Journal (Amsterdam, Netherlands), 2021, 5, 169-177.	1.9	101
31	Diverging Mobile Technologyâ€™s Cognitive Techniques into Tackling Malaria in Sub-Saharan Africa: A Review. Lecture Notes in Networks and Systems, 2021, , 679-699.	0.5	2
32	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
33	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
34	Effects of COVID-19 in South African health system and society: An explanatory study. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 1809-1814.	1.8	125
35	Integrating emerging technologies into COVID-19 contact tracing: Opportunities, challenges and pitfalls. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2020, 14, 1631-1636.	1.8	141
36	Teaching and Learning in the New Normal: Opportunities and Challenges of Distance Learning Amid COVID-19 Pandemic. SSRN Electronic Journal, 0, , .	0.4	7

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37	COVID-19 Digital Vaccination Certificates and Digital Technologies: Lessons from Digital Contact Tracing Apps. SSRN Electronic Journal, 0, , .	0.4	20
38	Challenges of Social Distancing and Self-Isolation during COVID-19 Pandemic in Africa: A Critical Review. SSRN Electronic Journal, 0, , .	0.4	14
39	COVID-19 Pandemic in Higher Education: Critical Role of Emerging Technologies in Zimbabwe. SSRN Electronic Journal, 0, , .	0.4	12