Megan P Coffee

List of Publications by Year
in descending order

32 papers	1,795 citations	516215 16 h-index	552369 26 g-index
33 all docs	33 docs citations	33 times ranked	3148 citing authors

#	Article	IF	Citations
1	The National COVID Cohort Collaborative (N3C): Rationale, design, infrastructure, and deployment. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 427-443.	2.2	342
2	Towards an Artificial Intelligence Framework for Data-Driven Prediction of Coronavirus Clinical Severity. Computers, Materials and Continua, 2020, 62, 537-551.	1.5	284
3	Dynamically Modeling SARS and Other Newly Emerging Respiratory Illnesses. Epidemiology, 2005, 16, 791-801.	1.2	226
4	Modelling the impact of migration on the HIV epidemic in South Africa. Aids, 2007, 21, 343-350.	1.0	123
5	Patterns of Movement and Risk of HIV Infection in Rural Zimbabwe. Journal of Infectious Diseases, 2005, 191, S159-S167.	1.9	106
6	In Vivo Radioprotective Effects of Angiogenic Growth Factors on the Small Bowel of C3H Mice. Radiation Research, 1998, 150, 204.	0.7	92
7	DéjÃ vu: Stimulating open drug discovery for SARS-CoV-2. Drug Discovery Today, 2020, 25, 928-941.	3.2	81
8	A common feature pharmacophore for FDA-approved drugs inhibiting the Ebola virus. F1000Research, 2014, 3, 277.	0.8	54
9	Prognostic Indicators for Ebola Patient Survival. Emerging Infectious Diseases, 2016, 22, 217-223.	2.0	53
10	Open drug discovery for the Zika virus. F1000Research, 2016, 5, 150.	0.8	50
11	To explain or not to explain?â€"Artificial intelligence explainability in clinical decision support systems. , 2022, 1, e0000016.		49
12	HIV and <i>Schistosoma haematobium</i> prevalences correlate in subâ€Saharan Africa. Tropical Medicine and International Health, 2013, 18, 1174-1179.	1.0	41
13	A common feature pharmacophore for FDA-approved drugs inhibiting the Ebola virus. F1000Research, 2014, 3, 277.	0.8	41
14	Illustrating and homology modeling the proteins of the Zika virus. F1000Research, 2016, 5, 275.	0.8	37
15	Comorbidity and clinical factors associated with COVID-19 critical illness and mortality at a large public hospital in New York City in the early phase of the pandemic (March-April 2020). PLoS ONE, 2020, 15, e0242760.	1.1	36
16	Illustrating and homology modeling the proteins of the Zika virus. F1000Research, 2016, 5, 275.	0.8	25
17	Co-Design of a Trustworthy AI System in Healthcare: Deep Learning Based Skin Lesion Classifier. Frontiers in Human Dynamics, 2021, 3, .	1.0	24
18	Finding small molecules for the â€˜next Ebolaâ€™. F1000Research, 2015, 4, 58.	0.8	17

#	Article	IF	Citations
19	On Assessing Trustworthy AI in Healthcare. Machine Learning as a Supportive Tool to Recognize Cardiac Arrest in Emergency Calls. Frontiers in Human Dynamics, 2021, 3, .	1.0	15
20	FDA approved drugs as potential Ebola treatments. F1000Research, 2015, 4, 48.	0.8	15
21	Exploring Coronavirus Disease 2019 Vaccine Hesitancy on Twitter Using Sentiment Analysis and Natural Language Processing Algorithms. Clinical Infectious Diseases, 2022, 74, e4-e9.	2.9	15
22	Finding small molecules for the â€˜next Ebolaâ€™. F1000Research, 2015, 4, 58.	0.8	14
23	Effect of the One-Child Policy on Influenza Transmission in China: A Stochastic Transmission Model. PLoS ONE, 2014, 9, e84961.	1.1	13
24	FDA approved drugs as potential Ebola treatments. F1000Research, 2015, 4, 48.	0.8	13
25	Use of a community-led prevention strategy to enhance behavioral changes towards Ebola virus disease prevention: a qualitative case study in Western CÃ´te dâ€™Ivoire. Global Health Research and Policy, 2017, 2, 35.	1.4	10
26	Case Report: A Cluster of Three Leptospirosis Cases in a New York City Abattoir and an Unusual Complication in the Index Case. American Journal of Tropical Medicine and Hygiene, 2017, 97, 1679-1681.	0.6	8
27	COVID-19 early-alert signals using human behavior alternative data. Social Network Analysis and Mining, 2021, 11, 18.	1.9	5
28	Improving Tuberculosis (TB) Prediction using Synthetically Generated Computed Tomography (CT) Images. , 2021, , .		5
29	Title is missing!. , 2020, 15, e0242760.		0
30	Title is missing!. , 2020, 15, e0242760.		0
31	Title is missing!. , 2020, 15, e0242760.		0
32	Title is missing!. , 2020, 15, e0242760.		0