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#	Paper	IF	Citations
16	Mathematical Models for COVID-19 Pandemic: A Comparative Analysis. *Journal of the Indian Institute of Science*, **2020**, 100, 1-15	2.4	44
15	Artificial neural networks for short-term forecasting of cases, deaths, and hospital beds occupancy in the COVID-19 pandemic at the Brazilian Amazon. *PLoS ONE*, **2021**, 16, e0248161	3.7	9
14	Non-Pharmaceutical Interventions as Controls to mitigate the spread of epidemics: An analysis using a spatiotemporal PDE model and COVID-19 data. *ISA Transactions*, **2021**,	5.5	2
13	Long-term prediction for temporal propagation of seasonal influenza using Transformer-based model. *Journal of Biomedical Informatics*, **2021**, 122, 103894	10.2	2
12	Examining Deep Learning Models with Multiple Data Sources for COVID-19 Forecasting. **2020**,		2
11	Applications of Technological Solutions in Primary Ways of Preventing Transmission of Respiratory Infectious Diseases-A Systematic Literature Review. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	1
10	A prospective evaluation of AI-augmented epidemiology to forecast COVID-19 in the USA and Japan. *Npj Digital Medicine*, **2021**, 4, 146	15.7	4
9	Analysis of epidemic spread dynamics using a PDE model and COVID-19 data from Hamilton County OH USA. *IFAC-PapersOnLine*, **2021**, 54, 322-327	0.7	1
8	Time Series Clustering to Improve Dengue Cases Forecasting with Deep Learning. **2021**,		
7	Integrating Scientific Knowledge with Machine Learning for Engineering and Environmental Systems. *ACM Computing Surveys*,	13.4	11
6	AI4Water v1.0: an open-source python package for modeling hydrological time series using data-driven methods. *Geoscientific Model Development*, **2022**, 15, 3021-3039	6.3	0
5	A Human Mobility Data Driven Hybrid GNN+RNN Based Model For Epidemic Prediction. **2021**,		
4	A Multi-Scale Geospatial Dataset and An Interactive Visualization Dashboard for Computational Epidemiology and Open Scientific Research. **2022**, 1-11		0
3	On generalization error of neural network models and its application to predictive control of nonlinear processes. **2023**, 189, 664-679		0
2	Prompt Learning for Multi-modal COVID-19 Diagnosis. **2022**,		0
1	Hybrid Artificial Intelligence-Based Models for Prediction of Death Rate in India Due to COVID-19 Transmission. **2023**, 12, 1-15		0