Prediction and analysis of COVID-19 positive cases using deep learning models: A descriptive case study of India

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#	Paper	IF	Citations
196	Modeling epidemics through ladder operators. *Chaos, Solitons and Fractals*, **2020**, 140, 110193	9.3	2
195	Intelligent computing with Levenberg-Marquardt artificial neural networks for nonlinear system of COVID-19 epidemic model for future generation disease control. **2020**, 135, 932		58
194	On forecasting the spread of the COVID-19 in Iran: The second wave. *Chaos, Solitons and Fractals*, **2020**, 140, 110176	9.3	75
193	Time series forecasting of Covid-19 using deep learning models: India-USA comparative case study. *Chaos, Solitons and Fractals*, **2020**, 140, 110227	9.3	83
192	Hybrid Deep Learning-Based Epidemic Prediction Framework of COVID-19: South Korea Case. **2020**, 10, 8539		3
191	Intracity Pandemic Risk Evaluation Using Mobile Phone Data: The Case of Shanghai during COVID-19. **2020**, 9, 715		11
190	Examining the correlation between the weather conditions and COVID-19 pandemic in India: A mathematical evidence. **2020**, 19, 103587		9
189	Applications of artificial intelligence in battling against covid-19: A literature review. *Chaos, Solitons and Fractals*, **2021**, 142, 110338	9.3	71
188	Joint prediction and time estimation of COVID-19 developing severe symptoms using chest CT scan. **2021**, 67, 101824		41
187	Prediction of COVID-19 confirmed cases combining deep learning methods and Bayesian optimization. *Chaos, Solitons and Fractals*, **2021**, 142, 110511	9.3	38
186	SEIAQRDT model for the spread of novel coronavirus (COVID-19): A case study in India. **2020**, 51, 1-20		7
185	Forecasting COVID-19 pandemic using optimal singular spectrum analysis. *Chaos, Solitons and Fractals*, **2021**, 142, 110547	9.3	11
184	Deep Learning, Predictive Modelling and Nano/Bio-Sensing Technologies for Mitigation of the COVID-19 Pandemic. **2021**, 3-16		
183	On the Application of Advanced Machine Learning Methods to Analyze Enhanced, Multimodal Data from Persons Infected with COVID-19. **2021**, 9, 4		5
182	Open Data Science to Fight COVID-19: Winning the 500k XPRIZE Pandemic Response Challenge. *Lecture Notes in Computer Science*, **2021**, 384-399	0.9	3
181	Sluggish State-Based Neural Networks Provide State-of-the-art Forecasts of Covid-19 Cases. **2021**, 384-400		1
180	Analysis and Prediction of COVID-19 using Regression Models and Time Series Forecasting. **2021**,		6

179	TLife-LSTM: Forecasting Future COVID-19 Progression with Topological Signatures of Atmospheric Conditions. *Lecture Notes in Computer Science*, **2021**, 201-212	0.9	3
178	Data Analysis and Forecasting of COVID-19 Outbreak in India Using ARIMA Model. **2021**, 29-38		
177	Role of Machine Learning Techniques to Tackle the COVID-19 Crisis: Systematic Review. **2021**, 9, e23811		43
176	Remodelling State-Space Prediction With Deep Neural Networks for Probabilistic Load Forecasting. **2021**, 1-10		4
175	A Neural-Network-Based Method for Ash Fouling Prediction of Heat Transfer Surface in Coal-Fired Power Plant Boiler. *IEEE Access*, **2021**, 9, 109584-109604	3.5	0
174	Analysis and Prognosis of COVID-19 Pandemic in India - A Machine Learning Approach. **2021**,		1
173	Forecasting of COVID-19 cases using deep learning models: Is it reliable and practically significant?. **2021**, 21, 103817		48
172	Prediction and control of COVID-19 spreading based on a hybrid intelligent model. **2021**, 16, e0246360		4
171	Model for Mitigation of Workplace Transmission of COVID-19 Through Population-Based Testing and Surveillance. **2021**, 24, S16-S25		6
170	Multi-Step Forecasting of COVID-19 cases in European Countries using Temporal Convolutional Networks.		
169	Long Short-Term Memory based RNN for COVID-19 disease prediction. **2021**,		
168	Effects of the COVID-19 pandemic in India: An analysis of policy and technological interventions. **2021**, 10, 151-164		21
167	Prediction of COVID-19 using Time-Sliding Window: The case of Piau□State - Brazil. **2021**,		1
166	A statistical analysis of the novel coronavirus (COVID-19) in Italy and Spain. **2021**, 16, e0249037		19
165	Forecasting the COVID-19 Pandemic in Saudi Arabia Using a Modified Singular Spectrum Analysis Approach: Model Development and Data Analysis. **2021**, 2, e21044		4
164	COVID-19 outbreak and Urban dynamics: regional variations in India. **2021**, 1-19		12
163	Analysis of Covid-19 in densely populated States/Union Territories of India. 363-379		
162	Application of Artificial Intelligence-Based Regression Methods in the Problem of COVID-19 Spread Prediction: A Systematic Review. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	15

161	Prediction of COVID-19 Trend in India and Its Four Worst-Affected States Using Modified SEIRD and LSTM Models. *SN Computer Science*, **2021**, 2, 224	2	11
160	Discovering symptom patterns of COVID-19 patients using association rule mining. *Computers in Biology and Medicine*, **2021**, 131, 104249	7	14
159	Convergence of Precision Medicine and Public Health Into Precision Public Health: Toward a Big Data Perspective. **2021**, 9, 561873		3
158	Prediction of COVID-19 cases using the weather integrated deep learning approach for India. **2021**,		6
157	Early Detection of COVID-19 Outbreaks Using Human Mobility Data.		
156	Genomic Surveillance of COVID-19 Variants with Language Models and Machine Learning.		
155	Sampling bias minimization in disease frequency estimates.		
154	Forecasting COVID-19 Spreading in Canada using Deep Learning.		0
153	Demographic and socioeconomic determinants of COVID-19 across Oman - A geospatial modelling approach. **2021**, 16,		7
152	Forecasting COVID-19 cases: A comparative analysis between recurrent and convolutional neural networks. **2021**, 24, 104137		18
151	The second and third waves in India: when will the pandemic be culminated?. **2021**, 136, 596		31
150	Improving the performance of deep learning models using statistical features: The case study of COVID-19 forecasting. **2021**,		5
149	One-Year Lesson: Machine Learning Prediction of COVID-19 Positive Cases with Meteorological Data and Mobility Estimate in Japan. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	8
148	Robust modelling and prediction of the COVID-19 pandemic in Canada. 1-17		8
147	Predictions of COVID-19 in Korea Using Machine Learning Models. **2021**, 47, 272-279		0
146	An Intelligent System to Forecast COVID-19 Pandemic using Hybrid Neural Network. **2021**,		1
145	Early detection of COVID-19 outbreaks using human mobility data. **2021**, 16, e0253865		2
144	Geographic Spread and Control of 2019-nCoV in the Absence of Vaccine. **2022**, 271-290		

143	Outbreak prediction of COVID-19 using recurrent neural network with gated recurrent units. *Materials Today: Proceedings*, **2021**,	1.4	0
142	Mapping First to Second wave transition of covid19 Indian data via Sigmoid function and prediction of Third wave.		1
141	Empirical Study of Weight Initializations for COVID-19 Predictions in India. **2021**,		
140	Review on COVID-19 diagnosis models based on machine learning and deep learning approaches. **2021**, e12759		20
139	A novel hybrid fuzzy time series model for prediction of COVID-19 infected cases and deaths in India. **2021**,		6
138	Application of Deep Learning Techniques for COVID-19 Management. **2022**, 165-197		
137	Death Prediction in the Current Pandemic Scenario and Cluster Classification Using Soft Computing Techniques. *Lecture Notes in Networks and Systems*, **2022**, 339-354	0.5	1
136	Optimizing COVID-19 vaccine distribution across the United States using deterministic and stochastic recurrent neural networks. **2021**, 16, e0253925		1
135	Nonlinear Autoregressive Exogenous ANN Algorithm-Based Predicting of COVID-19 Pandemic in Tamil Nadu. *Lecture Notes in Networks and Systems*, **2022**, 545-560	0.5	0
134	Implementation of the SutteARIMA method to predict short-term cases of stock market and COVID-19 pandemic in USA. **2021**, 1-11		2
133	Emerging role of circular RNAs in breast cancer. **2021**, 223, 153496		8
132	Prediction model for the spread of the COVID-19 outbreak in the global environment. **2021**, 7, e07416		1
131	Image processing unravels the evolutionary pattern of SARS-CoV-2 against SARS and MERS through position-based pattern recognition. *Computers in Biology and Medicine*, **2021**, 134, 104471	7	1
130	Prediction of the COVID-19 infectivity and the sustainable impact on public health under deep learning algorithm. **2021**, 1-10		1
129	Time series prediction of COVID-19 transmission in America using LSTM and XGBoost algorithms. **2021**, 27, 104462		13
128	Hybrid deep learning of social media big data for predicting the evolution of COVID-19 transmission. **2021**, 233, 107417		8
127	Study and Trend Prediction of Covid-19 cases in India using Deep Learning Techniques. **2021**, 1950, 012084		0
126	Forecasting Covid-19: SARMA-ARCH approach. **2021**, 11, 1-10		2

125	Does Air Quality Really Impact COVID-19 Clinical Severity: Coupling NASA Satellite Datasets with Geometric Deep Learning. **2021**,		3
124	COVID-19 prediction models: a systematic literature review. **2021**, 12, 215-229		3
123	Enhanced bat algorithm for COVID-19 short-term forecasting using optimized LSTM. **2021**, 25, 1-11		9
122	Gradient-based grey wolf optimizer with Gaussian walk: Application in modelling and prediction of the COVID-19 pandemic. *Expert Systems With Applications*, **2021**, 177, 114920	7.8	26
121	Artificial Intelligence for COVID-19: A Systematic Review. **2021**, 8, 704256		7
120	Multiple change point estimation of trends in Covid-19 infections and deaths in India as compared with WHO regions. **2021**, 100538		2
119	A simple mathematical tool to forecast COVID-19 cumulative case numbers. **2021**, 12, 100853		2
118	Grey forecasting models based on internal optimization for Novel Corona virus (COVID-19). **2021**, 111, 107735		9
117	SIRVD-DL: A COVID-19 deep learning prediction model based on time-dependent SIRVD. *Computers in Biology and Medicine*, **2021**, 138, 104868	7	3
116	Sentiment Analysis of Covid-19 Tweets Using Evolutionary Classification-Based LSTM Model. **2021**, 75-86		3
115	Similarity Measure of q-Rung Orthopair Fuzzy Soft Sets and Its Application in Covid-19 Problem. **2021**, 427-445		
114	An AI-Based Data Analytics Scheme for COVID-19 Prediction and Economy Boosting.. **2021**, 8, 15977-15989		6
113	Automated Machine Learning Approaches for Emergency Response and Coordination via Social Media in the Aftermath of a Disaster: A Review. *IEEE Access*, **2021**, 9, 68917-68931	3.5	6
112	Intelligent system for COVID-19 prognosis: a state-of-the-art survey. **2021**, 51, 1-31		26
111	TW-SIR: time-window based SIR for COVID-19 forecasts. **2020**, 10, 22454		16
110	Role of data science in managing COVID-19 pandemic. **2020**, 62, 385-395		3
109	The Role of Machine Learning Techniques to Tackle COVID-19 Crisis: A Systematic Review.		4
108	Prediction and control of COVID-19 infection based on a hybrid intelligent model.		2

107	On short-term trends and predictions for COVID-19 in France and the USA: comparison with Australia.		1
106	Use of Artificial Intelligence on spatio-temporal data to generate insights during COVID-19 pandemic: A Review.		1
105	Examining Deep Learning Models with Multiple Data Sources for COVID-19 Forecasting. **2020**,		2
104	Generalized Richards model for predicting COVID-19 dynamics in Saudi Arabia based on particle swarm optimization Algorithm. **2020**, 7, 828-843		6
103	A novel approach based on combining deep learning models with statistical methods for COVID-19 time series forecasting. **2021**, 1-15		4
102	Recurrent Neural Network and Reinforcement Learning Model for COVID-19 Prediction. **2021**, 9, 744100		13
101	Application of machine learning in the prediction of COVID-19 daily new cases: A scoping review. **2021**, 7, e08143		11
100	The COVID-19 pandemic: viral variants and vaccine efficacy. **2021**, 1-10		10
99	COVID-19 pandemic in Uttarakhand, India: Environmental recovery or degradation?. **2021**, 9, 106595		7
98	Analysis and prediction of Covid-19 spreading through Bayesian modelling with a case study of Uttar Pradesh, India.		
97	Role of Machine Learning Techniques to Tackle the COVID-19 Crisis: Systematic Review (Preprint).		
96	Artificial Intelligence Prediction for the COVID-19 Data Based on LSTM Neural Networks and H2O AutoML. *SpringerBriefs in Applied Sciences and Technology*, **2021**, 69-87	0.4	
95	Deep Learning for COVID-19 prediction. **2020**,		3
94	Dynamic Hybrid Model to Forecast the Spread of COVID-19 Using LSTM and Behavioral Models Under Uncertainty. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	1
93	Prediction for the Second Wave of COVID-19 in India. *Lecture Notes in Computer Science*, **2020**, 134-150	0.9	0
92	Predicting the Evolution of COVID-19 Cases and Deaths Through a Correlations-Based Temporal Network. *Lecture Notes in Computer Science*, **2020**, 397-411	0.9	
91	Design a robust sliding mode controller based on the state and parameter estimation for the nonlinear epidemiological model of Covid-19. *Nonlinear Dynamics*, **2021**, 1-14	5	3
90	COVIDSpread: real-time prediction of COVID-19 spread based on time-series modelling. *F1000Research*, 10, 1110	3.6	1

89	Forecasting COVID-19 cases: A comparative analysis between Recurrent and Convolutional Neural Networks. **2021**,		
88	Sampling bias minimization in disease frequency estimates. *Journal of Theoretical Biology*, **2021**, 110972	2.3	
87	The Progress of Medical Image Semantic Segmentation Methods for Application in COVID-19 Detection. *Computational Intelligence and Neuroscience*, **2021**, 2021, 7265644	3	1
86	A Predictive Modelling of Covid-19 Reoccurrence Using Recurrent Neural Network. **2022**, 209-228		0
85	Predictions For COVID-19 With Deep Learning Models of Long Short-Term Memory (LSTM). *Advances in Computational Intelligence and Robotics Book Series*, **2022**, 128-153	0.4	0
84	Comparison of CNN-based Approaches for Detection of COVID-19 on Chest X-ray Images. **2020**,		0
83	Long Short-Term Memory Forecasting for COVID19 Data. **2020**,		2
82	Long short-term memory prediction for COVID19 time series. *Telfor Journal*, **2021**, 13, 81-86	0.1	
81	Time series Covid 19 Predictions with Machine Learning Models. **2021**,		
80	AI and deep learning for processing the huge amount of patient-centric data that assist in clinical decisions. **2022**, 101-121		
79	COVID 19 Pandemic, Socio-Economic Behaviour and Infection Characteristics: An Inter-Country Predictive Study Using Deep Learning.. *Computational Economics*, **2022**, 1-32	1.4	1
78	Blockchain-Based Secure Biomedical Data-as-a-Service for Effective Internet of Health Things Enabled Epidemic Management. **2022**, 405-424		1
77	Temporal deep learning architecture for prediction of COVID-19 cases in India.. *Expert Systems With Applications*, **2022**, 195, 116611	7.8	6
76	Deep Learning Based Model for COVID-19 Pneumonia Prediction with Pulmonary CT Images. *Lecture Notes in Electrical Engineering*, **2022**, 365-379	0.2	
75	Predicting the Trends of COVID-19 Cases Using LSTM, GRU and RNN in India. *Smart Innovation, Systems and Technologies*, **2022**, 459-470	0.5	
74	Cloud Affected Solar UV Prediction With Three-Phase Wavelet Hybrid Convolutional Long Short-Term Memory Network Multi-Step Forecast System. *IEEE Access*, **2022**, 10, 24704-24720	3.5	4
73	Probabilistic Wind Power Forecasting Using Optimised Deep Auto-Regressive Recurrent Neural Networks. *IEEE Transactions on Industrial Informatics*, **2022**, 1-1	11.9	0
72	Immunoinformatics and Computer-Aided Drug Design as New Approaches against Emerging and Re-Emerging Infectious Diseases.		2

71	Clinical Characteristics of COVID-19 Patients and Application to an Artificial Intelligence System for Disease Surveillance.. *Journal of Clinical Medicine*, **2022**, 11,	5.1	
70	Robot intelligent communication based on deep learning and TRIZ ergonomics for personalized healthcare. *Personal and Ubiquitous Computing*, 1	2.1	1
69	Deep Reinforcement Learning Framework for Covid Therapy: A Research Perspective. *Current Bioinformatics*, **2022**, 17,	4.7	
68	Forecasting and comparative analysis of Covid-19 cases in India and US.. *European Physical Journal: Special Topics*, **2022**, 1-8	2.3	1
67	Improving performance of deep learning predictive models for COVID-19 by incorporating environmental parameters.. *Gondwana Research*, **2022**,	5.1	1
66	Genomic Surveillance of COVID-19 Variants With Language Models and Machine Learning.. *Frontiers in Genetics*, **2022**, 13, 858252	4.5	2
65	Feature extraction with capsule network for the COVID-19 disease prediction though X-ray images.. *Materials Today: Proceedings*, **2021**,	1.4	0
64	Predicting Average Wait-Time of COVID-19 Test Results and Efficacy Using Machine Learning Algorithms. *International Journal of Industrial Engineering and Operations Management*, **2021**, 03, 75-88	0.5	
63	What to´Forecast When Forecasting New Covid-19 Cases? Jordan and´the´United Arab Emirates as´Case Studies. *Lecture Notes in Networks and Systems*, **2022**, 361-372	0.5	
62	The Effects of Weather Conditions on COVID-19 Forecasting, the United Arab Emirates as a Reliable Study Case. **2021**,		
61	Risk Prediction of COVID-19 Positive Patients: How well does the machine learning tools perform?. **2021**,		0
60	COVIDSensing: Social Sensing Strategy for the Management of the COVID-19 Crisis. *Electronics (Switzerland)*, **2021**, 10, 3157	2.6	0
59	Extracting geographical characteristics about COVID-19 evolution worldwide using machine learning. **2021**,		
58	A Review on Detection of COVID-19 Patients Using Deep Learning Techniques. **2022**, 59-74		1
57	Detection and Monitoring of Viral Infections via Wearable Devices and Biometric Data.. *Annual Review of Biomedical Engineering*, **2021**,	12	0
56	A Framework for Inferring Epidemiological Model Parameters using Bayesian Nonparametrics.. **2021**, 2021, 217-226	0.7	
55	ARIMA and RNN for Selection Sequences Prediction in Iowa Gambling Task. **2022**,		
54	AI bot to detect fake COVID-19 vaccine certificate. *IET Information Security*,	1.4	0

53	Did the Tokyo Olympic Games enhance the transmission of COVID-19? An interpretation with machine learning.. *Computers in Biology and Medicine*, **2022**, 146, 105548	7	0
52	Prediction of COVID-19 using long short-term memory by integrating principal component analysis and clustering techniques. *Informatics in Medicine Unlocked*, **2022**, 100990	5.3	0
51	A Novel Approach on Deep Learning Based Decision Support System Applying Multiple Output LSTM-Autoencoder: Focusing on Identifying Variations by PHSMs Effect over COVID-19 Pandemic. *International Journal of Environmental Research and Public Health*, **2022**, 19, 6763	4.6	0
50	Artificial Intelligence and Internet of Things (AI-IoT) Technologies in Response to COVID-19 Pandemic: A Systematic Review. *IEEE Access*, **2022**, 10, 62613-62660	3.5	2
49	Use of artificial intelligence for predicting infectious disease. **2022**, 153-163		
48	Weather Conditions and COVID-19 Cases: Insights from the GCC Countries. *Intelligent Systems With Applications*, **2022**, 200093		1
47	Convolutional bi-directional long-short-term-memory based model to forecast COVID-19 in Algeria. **2022**, 331-343		
46	Epidemiological challenges in pandemic coronavirus disease (COVID -19): Role of artificial intelligence. *Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery*, **2022**, 12,	6.9	1
45	Mathematical modeling of the impact of Omicron variant on the COVID-19 situation in South Korea. *Genomics and Informatics*, **2022**, 20, e22	1.9	0
44	Time-Series Prediction for the Epidemic Trends of COVID-19 Using Conditional Generative Adversarial Networks Regression on Country-Wise Case Studies. *SN Computer Science*, **2022**, 3,	2	
43	VOC-DL: Deep learning prediction model for COVID-19 based on VOC virus variants. *Computer Methods and Programs in Biomedicine*, **2022**, 224, 106981	6.9	1
42	An advanced deep neuroevolution model for probabilistic load forecasting. *Electric Power Systems Research*, **2022**, 211, 108351	3.5	
41	Fine-Grained Population Mobility Data-Based Community-Level COVID-19 Prediction Model. *Cybernetics and Systems*, 1-19	1.9	
40	Analysis of Trend in COVID-19, World Vaccination and Its Side Effects Using Machine Learning. **2022** , 317-326		
39	Viral informatics: bioinformatics-based solution for managing viral infections.		1
38	A novel approach for COVID-19 Infection forecasting based on multi-source deep transfer learning. **2022**, 105915		0
37	Mapping First to Third Wave Transition of Covid19 Indian Data via Sigmoid Function. **2022**, 1377-1387		0
36	Contour based x-ray image classification system for detection of covid-19. **2022**, 9, 23		0

35	Enhancing Online Epidemic Supervising System by Compartmental and GRU Fusion Model. **2022**, 2022, 1-15	0
34	Time-Series Analysis and Healthcare Implications of COVID-19 Pandemic in Saudi Arabia. **2022**, 10, 1874	1
33	Predicting COVID-19 cases in various scenarios using RNN-LSTM models aided by adaptive linear regression to identify data anomalies. **2022**, 94,	0
32	Probabilistic Approach to COVID-19 Data Analysis and Forecasting Future Outbreaks Using a Multi-Layer Perceptron Neural Network. **2022**, 12, 2539	0
31	On computational analysis of nonlinear regression models addressing heteroscedasticity and autocorrelation issues: An application to COVID-19 data. **2022**, 8, e11057	0
30	Quantifying the spatiotemporal evolution characteristics of medical waste generation during the outbreak of public health emergencies.	0
29	A sytematic study of covid-19 prediction models of India.	0
28	Prediction of Post-COVID-19 economic and environmental policy and recovery based on recurrent neural network and long short-term memory network. **2022**, 4, 115001	0
27	CNN-LSTM deep learning based forecasting model for COVID-19 infection cases in Nigeria, South Africa and Botswana.	0
26	COVID-19 spread control policies based early dynamics forecasting using deep learning algorithm. **2023**, 167, 112984	0
25	Beyond explaining: Opportunities and challenges of XAI-based model improvement. **2023**, 92, 154-176	1
24	A Study on the Prediction of COVID-19 Based on the BiLSTM Model. **2022**, 11, 7870-7879	0
23	Online Sequential Extreme learning machine-based hybrid model for forecasting of COVID-19 cases in India. **2022**,	0
22	Deep-COVID: Detection and Analysis of COVID-19 Outcomes Using Deep Learning. **2022**, 11, 3836	0
21	COVID-19 Recovery Prediction Using Regression-Based Machine Learning Approaches. **2023**, 27-42	0
20	A Modified Artificial Neural Network (ANN)-Based Time Series Prediction of COVID-19 Cases from Multi-Country Data.	0
19	Empirical Study of Stacked Model for Predicting Various Data. **2022**,	0
18	Covid-19 A□ama S□ecinin Tahminine Y□elik Derin □enme Taban□ Bir Model.	0

17	LSTM and ARIMA for Forecasting COVID-19 Positive and Mortality Cases in DKI Jakarta and West Java. **2022**,	0
16	Forecasting COVID-19 Cases Using n-SARS-CoV-2 Variants. **2022**, 133-144	0
15	Deep Learning Algorithms for Forecasting COVID-19 Cases in Saudi Arabia. **2023**, 13, 1816	0
14	Modeling for Implications of COVID-19 Pandemic on Healthcare System in India. **2023**, 661-676	0
13	Machine learning applications for COVID-19: a state-of-the-art review. **2023**, 277-289	0
12	Travel behavior adjustment based epidemic spreading model and prediction for COVID-19. **2023**, 72, 098801	0
11	Multivariate Time Series Forecasting Using Recurrent Neural Network for a Complex System. **2023**, 649-654	0
10	Intelligent Health Care and Diseases Management System: Multi-Day-Ahead Predictions of COVID-19. **2023**, 11, 1051	0
9	The role of the mass vaccination programme in combating the COVID-19 pandemic: An LSTM-based analysis of COVID-19 confirmed cases. **2023**, 9, e14397	0
8	A Prospective Approach on Covid-19 Forecasting Using LSTM. **2022**,	0
7	MepoGNN: Metapopulation Epidemic Forecasting with´Graph Neural Networks. **2023**, 453-468	0
6	Policy Driven Epidemiological (PDE) Model for Prediction of COVID-19 in India. **2023**, 220-243	0
5	(NMRNN-LSTM) - Novel Modified RNN with Long and Short-Term Memory Unit in Healthcare and Big Data Applications. **2022**,	0
4	Hybrid optimized feature selection and deep learning based COVID-19 disease prediction. 1-19	0
3	Ontology-based semantic data interestingness using BERT models. **2023**, 35,	0
2	A Novel Honey Badger Algorithm with Multilayer Perceptron for Forecasting COVID-19 Time Series Data.	0
1	COVID-19 outbreak prediction using Seq2Seq + Attention and Word2Vec keyword time series data. **2023**, 18, e0284298	0