Prateek Chhikara

List of Publications by Year
in descending order

13 papers	299 citations	1306789 7 h-index	1473754 9 g-index
13 all docs	13 docs citations	13 times ranked	230 citing authors

#	Article	IF	Citations
1	Artificial intelligence-enabled Internet of Things-based system for COVID-19 screening using aerial thermal imaging. Future Generation Computer Systems, 2021, 124, 119-132.	4.9	65
2	Federated Learning Meets Human Emotions: A Decentralized Framework for Human–Computer Interaction for IoT Applications. IEEE Internet of Things Journal, 2021, 8, 6949-6962.	5.5	47
3	DCNN-GA: A Deep Neural Net Architecture for Navigation of UAV in Indoor Environment. IEEE Internet of Things Journal, 2021, 8, 4448-4460.	5.5	44
4	Deep Convolutional Neural Network with Transfer Learning for Detecting Pneumonia on Chest X-Rays. Advances in Intelligent Systems and Computing, 2020, , 155-168.	0.5	44
5	Federated Learning and Autonomous UAVs for Hazardous Zone Detection and AQI Prediction in IoT Environment. IEEE Internet of Things Journal, 2021, 8, 15456-15467.	5.5	28
6	Data dimensionality reduction techniques for Industry 4.0: Research results, challenges, and future research directions. Software - Practice and Experience, 2022, 52, 658-688.	2.5	17
7	An Efficient Container Management Scheme for Resource-Constrained Intelligent IoT Devices. IEEE Internet of Things Journal, 2021, 8, 12597-12609.	5.5	16
8	An Ensemble Approach for Extractive Text Summarization. , 2020, , .		9
9	Federated Learning for Air Quality Index Prediction using UAV Swarm Networks. , 2021, , .		8
10	A CNN-based scheme for COVID-19 detection with emergency services provisions using an optimal path planning. Multimedia Systems, 2023, 29, 1683-1697.	3.0	7
11	A deep transfer learning based model for automatic detection of COVID-19 from chest X-ray. Turkish Journal of Electrical Engineering and Computer Sciences, 2021, 29, 2663-2679.	0.9	7
12	An Efficient Scheme for Wireless Charging of Electric Vehicles Using RFID with an Optimal Path Planning. , 2019, , .		4
13	Federated learning-based aerial image segmentation for collision-free movement and landing. , 2021, , .		3