Yuvaraj Natarajan

List of Publications by Year
in descending order

16 papers	510 citations	840776 11 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	301 citing authors

#	Article	IF	Citations
1	Diabetes prediction in healthcare systems using machine learning algorithms on Hadoop cluster. Cluster Computing, 2019, 22, 1-9.	5.0	183
2	Surface crack detection using deep learning with shallow CNN architecture for enhanced computation. Neural Computing and Applications, 2021, 33, 9289-9305.	5.6	102
3	Enhanced pedestrian detection using optimized deep convolution neural network for smart building surveillance. Soft Computing, 2020, 24, 17081-17092.	3.6	39
4	Pressure pattern recognition in buildings using an unsupervised machine-learning algorithm. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 214, 104629.	3.9	32
5	Investigation of steel frame damage based on computer vision and deep learning. Automation in Construction, 2021, 132, 103941.	9.8	28
6	A Hybrid Speech Enhancement Algorithm for Voice Assistance Application. Sensors, 2021, 21, 7025.	3.8	24
7	Ensemble Machine Learning-Based Approach for Predicting of FRPâ€"Concrete Interfacial Bonding. Mathematics, 2022, 10, 231.	2.2	22
8	Predicting wind flow around buildings using deep learning. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 219, 104820.	3.9	19
9	Wind-Induced Pressure Prediction on Tall Buildings Using Generative Adversarial Imputation Network. Sensors, 2021, 21, 2515.	3.8	16
10	Intelligent Chatbot Model to Enhance the Emotion Detection in social media using Bi-directional Recurrent Neural Network. Journal of Physics: Conference Series, 2019, 1362, 012039.	0.4	14
11	Twitter Sentiment Classification Using Binary Shuffled Frog Algorithm. Intelligent Automation and Soft Computing, 2017, 23, 373-381.	2.1	13
12	An IoT Based Gradient Descent Approach for Precision Crop Suggestion using MLP. Journal of Physics: Conference Series, 2019, 1362, 012038.	0.4	9
13	Social Interaction and Stress-Based Recommendations for Elderly Healthcare Support Systemâ€"A Survey. Advances in Intelligent Systems and Computing, 2019, , 291-303.	0.6	4
14	Deep Learning based Voice assistance in hospitals using Face Recognition. Journal of Physics: Conference Series, 2021, 1916, 012159.	0.4	3
15	Voice Activated Face Recognition based Smart Support System. Journal of Physics: Conference Series, 2021, 1916, 012158.	0.4	2
16	Transmitter Half Distribution Angle Optimization in Non-Line of Sight Visible Light Communication. Journal of Nanoelectronics and Optoelectronics, 2022, 17, 257-266.	0.5	0