

Yuvaraj Natarajan

List of Publications by Year in descending order

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16
papers

510
citations

840776

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16
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16
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301
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensemble Machine Learning-Based Approach for Predicting of FRP-Concrete Interfacial Bonding. Mathematics, 2022, 10, 231.	2.2	22
2	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
3	Surface crack detection using deep learning with shallow CNN architecture for enhanced computation. Neural Computing and Applications, 2021, 33, 9289-9305.	5.6	102
4	Wind-Induced Pressure Prediction on Tall Buildings Using Generative Adversarial Imputation Network. Sensors, 2021, 21, 2515.	3.8	16
5	Voice Activated Face Recognition based Smart Support System. Journal of Physics: Conference Series, 2021, 1916, 012158.	0.4	2
6	Deep Learning based Voice assistance in hospitals using Face Recognition. Journal of Physics: Conference Series, 2021, 1916, 012159.	0.4	3
7	Pressure pattern recognition in buildings using an unsupervised machine-learning algorithm. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 214, 104629.	3.9	32
8	Investigation of steel frame damage based on computer vision and deep learning. Automation in Construction, 2021, 132, 103941.	9.8	28
9	A Hybrid Speech Enhancement Algorithm for Voice Assistance Application. Sensors, 2021, 21, 7025.	3.8	24
10	Predicting wind flow around buildings using deep learning. Journal of Wind Engineering and Industrial Aerodynamics, 2021, 219, 104820.	3.9	19
11	Enhanced pedestrian detection using optimized deep convolution neural network for smart building surveillance. Soft Computing, 2020, 24, 17081-17092.	3.6	39
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	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
14	Diabetes prediction in healthcare systems using machine learning algorithms on Hadoop cluster. Cluster Computing, 2019, 22, 1-9.	5.0	183
15	Social Interaction and Stress-Based Recommendations for Elderly Healthcare Support System—A Survey. Advances in Intelligent Systems and Computing, 2019, , 291-303.	0.6	4
16	Twitter Sentiment Classification Using Binary Shuffled Frog Algorithm. Intelligent Automation and Soft Computing, 2017, 23, 373-381.	2.1	13