Utpal Barman

List of Publications by Year
in descending order

7 papers	**180** citations	1684188 **5** h-index	1872680 **6** g-index
7 all docs	**7** docs citations	**7** times ranked	**106** citing authors

#	Article	IF	Citations
1	Comparison of convolution neural networks for smartphone image based real time classification of citrus leaf disease. Computers and Electronics in Agriculture, 2020, 177, 105661.	7.7	72
2	Soil texture classification using multi class support vector machine. Information Processing in Agriculture, 2020, 7, 318-332.	4.1	71
3	Predication of soil pH using HSI colour image processing and regression over Guwahati, Assam, India. Journal of Applied and Natural Science, 2018, 10, 805-809.	0.4	16
4	Smartphone image based digital chlorophyll meter to estimate the value of citrus leaves chlorophyll using Linear Regression, LMBP-ANN and SCGBP-ANN. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 2938-2950.	3.9	15
5	Smartphone assist deep neural network to detect the citrus diseases in Agri-informatics. Global Transitions Proceedings, 2022, 3, 392-398.	6.0	5
6	Comparison of LR, SVR, and DNN for the Rainfall Forecast of Guwahati, Assam. Lecture Notes in Networks and Systems, 2021, , 297-304.	0.7	1
7	Estimation of Tea Leaf Chlorophyll Using MLR, ANN, SVR, and KNN in Natural Light Condition. Lecture Notes in Networks and Systems, 2021, , 287-295.	0.7	0