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Submission 8639	
Title	Grape and Bell Pepper leaf disease classification using CNN
Paper:	(May 10, 16:35 GMT)
Author keywords	Deep learning CNN Image Processing Batch Normalization Bell Pepper disease Grape disease Regularization
Abstract	Plants being infected by diseases is one of the most concerning issues in the agriculture sector. Because of this problem, the production of plants as well as the crops are decreasing drastically, which affects the food supply of the people. In a circumstance, where due to the vast urbanization all over the world, agricultural lands are already decreasing. If disease contamination occurs, it will basically boost the reduction of food supply. Every possible way to enhance the production and supply of crops will assist to overcome the above mentioned issue. This research demonstrates an approach for the classification of 3 grape leaf diseases and 1 Bell pepper leaf disease apart from the healthy leaves of both of the plants. The mentioned diseases for Grape are Grape Leaf Blight, Grape Black Rot, Grape Black Measles and also Bell Pepper's Bacterial Spot disease. This article aims to identify and categorize grape leaf diseases by applying the Convolutional Neural Network which is also known as CNN. Among all the deep learning models, CNN is one of the commonly used methods. The used images are collected from the website called PlantVillage. The proposed model successfully worked with an accuracy of 98.12\%.
Submitted	May 10, 16:35 GMT
Last update	

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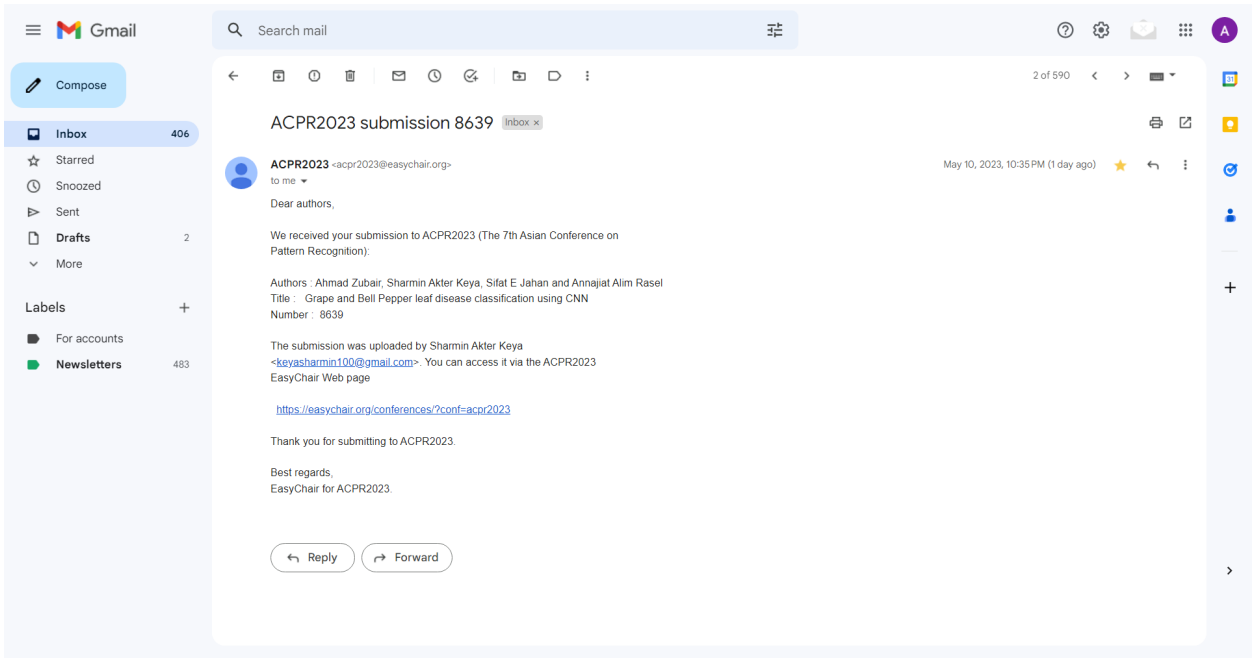
#	Authors	Title	View	paper	Program
8639	Ahmad Zubair, Sharmin Akter Keya, Sifat E Jahan and Annajiat Alim Rasel	Grape and Bell Pepper leaf disease classification using CNN			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May 10, 2023, 10:35 PM (1 day ago)
Dear authors,
We received your submission to ACPR2023 (The 7th Asian Conference on Pattern Recognition):
Authors : Ahmad Zubair, Sharmin Akter Keya, Sifat E Jahan and Annajiat Alim Rasel
Title : Grape and Bell Pepper leaf disease classification using CNN
Number : 8639
The submission was uploaded by Sharmin Akter Keya <keyasharmin100@gmail.com>. You can access it via the ACPR2023 EasyChair Web page
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