

Sunday, 17 September de 2023

# Updating of research results: last publications

After the completion of the project we continue publishing results of the research carried out during the **PagFRUIT project**. Continuous updates can be seen at <https://www.pagfruit.udl.cat/en/results/Research-Articles/> [ /sites/PagFruit/en/results/Research-Articles/ ]



The screenshot shows the PagFRUIT website interface. At the top, there is a navigation bar with the university logo and the project name 'PagFRUIT Research Project'. Below the navigation bar, there is a search bar and a 'Descargar imagen' button. The main content area is titled 'Research Articles in Indexed Journals' and features a 'DOWNLOAD PDF' button. The article title is 'Simultaneous fruit detection and size estimation using multitask deep neural networks'. The authors listed are Ferrer-Ferrer, M., Ruiz-Hidalgo, J., Gregorio, E., Vilaplana, V., Morros, J.R., and Gené-Mola, J. The article is published in 'Biosystems Engineering' (2023), volume 233, pages 65-75. The abstract mentions that the measurement of fruit size is of great interest to estimate the yield and predict the harvest resources in advance. The proposed framework was trained with RGB-D data and consists of an end-to-end multitask Deep Neural Network.