

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 displays the PagFRUIT website interface. At the top, there is a navigation bar with the university logo and project name on the left, and a search bar with the text 'Descargue la imagen' on the right. Below the navigation bar, a dark sidebar on the left lists various categories under the heading 'RESULTS', with 'RESEARCH ARTICLES' highlighted. The main content area features a section titled 'Research Articles in Indexed Journals' with a 'DOWNLOAD PDF' button. A featured article is shown with a thumbnail image of colorful fruits. 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*, 233, 65-75, in 2023. The abstract text indicates that the work proposes a novel technique for in-field apple detection and measurement based on Deep Neural Networks, trained with RGB-D data.