

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 header with the university logo and navigation links: THE PROJECT, RESEARCHERS, RESULTS, OPPORTUNITIES, NEWS, and CONTACT INFORMATION. A search bar with the text 'Descargue la imagen' and a 'LOCATION' button is also present. Below the header, a sidebar on the left lists various categories under the heading 'RESULTS', including 'RESEARCH ARTICLES' (which is highlighted), 'PUBLISHED DATA SETS', 'CONGRESSES AND CONFERENCES', 'FINAL DEGREE AND MASTER THESIS AND DOCTORAL THESIS', 'DISSEMINATION ARTICLES AND ACTIVITIES', and 'FIELD WORKS'. The main content area features the title 'Research Articles in Indexed Journals' with a 'DOWNLOAD PDF' button. Below this, a specific article is highlighted: 'Simultaneous fruit detection and size estimation using multitask deep neural networks'. This article includes a thumbnail image of fruit, the authors' names (Ferrer-Ferrer, M., Ruiz-Hidalgo, J., Gregorio, E., Vilaplana, V., Morros, J.R., Gené-Mola, J.), the journal name (Biosystems Engineering), volume and issue information (233, 65-75), and a DOI link (https://doi.org/10.1016/j.biosysteng.2023.07.010). A brief abstract follows, stating that the measurement of fruit size is of great interest to estimate yield and predict harvest resources, and that the proposed framework is based on Deep Neural Networks trained with RGB-D data.