

Worker replacement and automatization in agriculture: A Bibliography

Bergerman, M., Van Henten, E., Billingsley, J., Reid, J. and Mingcong, D., 2013. IEEE robotics and automation society technical committee on agricultural robotics and automation. *IEEE Robotics & Automation Magazine*, 20(2), pp.20-23.

Bongomin, O., Yemane, A., Kembabazi, B., Malanda, C., Mwape, M.C., Mpofu, N.S. and Tigalana, D., 2020. The Hype and Disruptive Technologies of Industry 4.0 in Major Industrial Sectors: A State of the Art.

Cheein, F.A.A. and Carelli, R., 2013. Agricultural robotics: Unmanned robotic service units in agricultural tasks. *IEEE industrial electronics magazine*, 7(3), pp.48-58.

Emmi, L., Le Flécher, E., Cadenat, V. and Devy, M., A hybrid representation of the environment to improve autonomous navigation of mobile robots in agriculture. *Precision Agriculture*, pp.1-26.

Fei, Z. and Vougioukas, S.G., 2021. Co-robotic harvest-aid platforms: Real-time control of picker lift heights to maximize harvesting efficiency. *Computers and Electronics in Agriculture*, 180, p.105894.

Gatten, B.M., 2020. *Investigation of Pure Pursuit Controller Performance Using Euler Curves, and Application in Robot-Aided Strawberry Harvesting* (Doctoral dissertation, University of California, Davis).

Lehnert, C., McCool, C., Corke, P., Sa, I., Stachniss, C., Van Henten, E.J. and Nieto, J., 2020. Special issue on agricultural robotics. *Journal of Field Robotics*, 37(1), pp.5-6.

Marinoudi, V., Sørensen, C.G., Pearson, S. and Bochtis, D., 2019. Robotics and labour in agriculture. A context consideration. *Biosystems Engineering*, 184, pp.111-121.

R Shamshiri, R., Weltzien, C., Hameed, I.A., J Yule, I., E Grift, T., Balasundram, S.K., Pitonakova, L., Ahmad, D. and Chowdhary, G., 2018. Research and development in agricultural robotics: A perspective of digital farming.

Ren, G., Lin, T., Ying, Y., Chowdhary, G. and Ting, K.C., 2020. Agricultural robotics research applicable to poultry production: A review. *Computers and Electronics in Agriculture*, 169, p.105216.

Roshanianfard, A., Noguchi, N., Okamoto, H. and Ishii, K., 2020. A review of autonomous agricultural vehicles (The experience of Hokkaido University). *Journal of Terramechanics*, 91, pp.155-183.

Sistler, F., 1987. Robotics and intelligent machines in agriculture. *IEEE Journal on Robotics and Automation*, 3(1), pp.3-6.

Sørensen, C.G., Bak, T. and Jørgensen, R.N., 2004. Mission planner for agricultural robotics. *AgEng 2004*, pp.894-895.

Verbiest, R., Ruysen, K., Vanwalleghem, T., Demeester, E. and Kellens, K., 2020. Automation and robotics in the cultivation of pome fruit: Where do we stand today?. *Journal of Field Robotics*.

Vougioukas, S.G., 2019. Agricultural robotics. *Annual Review of Control, Robotics, and Autonomous Systems*, 2, pp.365-392.

Zhao, J., Yang, Y., Zheng, H. and Dong, Y., 2020, December. Global Agricultural Robotics Research and Development: Trend Forecasts. In *Journal of Physics: Conference Series* (Vol. 1693, No. 1, p. 012227). IOP Publishing.