

### **CCM300 publications list to October 2024**

- Brito, C., Dinis, L.-T., Bernardo, S., Correia, C., & Moutinho-Pereira, J. (2024). A comparative physiological study of three red varieties in the Demarcated Douro Region. *Scientia Horticulturae*, 327, 112873. <https://doi.org/10.1016/J.SCIENTA.2024.112873>
- Bussotti, F., & Pollastrini, M. (2015). Evaluation of leaf features in forest trees: Methods, techniques, obtainable information and limits. *Ecological Indicators*, 52, 219–230. <https://doi.org/10.1016/J.ECOLIND.2014.12.010>
- Celma, S. (n.d.). *The effect of wood ash application on growth, leaf morphological and physiological traits of trees planted in a cutaway peatland*. <https://doi.org/10.19189/MaP.2020.GDC.StA.2146>
- Chung, Y. S., Kim, K. S., Hamayun, M., & Kim, Y. (2020). Silicon Confers Soybean Resistance to Salinity Stress Through Regulation of Reactive Oxygen and Reactive Nitrogen Species. *Frontiers in Plant Science*, 10, 493903. <https://doi.org/10.3389/FPLS.2019.01725/BIBTEX>
- Dănilă-guidea, S. M., Delian, E., Popescu, P. A., Drăghici, M. cristina, Mărgărit, G. lucica, Popa, E. E., Nicolae, I. cătălina, & Bădulescu, L. (2021). Analysis Of Some Physiological Indicators In Tomato Plants To Characterize The Effects Of Additional Lighting With Blue, Red And White Leds. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, 49(2), 1–12. <https://doi.org/10.15835/nbha49212330>
- Gam, H.-J., Injamum-Ul-Hoque, Md., Kang, Y., Ahsan, S. M., Hasan, Md. M., Shaffique, S., Kang, S.-M., & Lee, I.-J. (2024). Allelopathic effect of the methanol extract of the weed species-red sorrel (*Rumex acetosella* L.) on the growth, phytohormone content and antioxidant activity of the cover crop - white clover (*Trifolium repens* L.). *BMC Plant Biology* 2024 24:1, 24(1), 1–16. <https://doi.org/10.1186/S12870-024-05240-Z>
- Gitelson, A. A., Buschmann, C., & Lichtenthaler, H. K. (1999). The Chlorophyll Fluorescence Ratio F735/F700 as an Accurate Measure of the Chlorophyll Content in Plants. *Remote Sensing of Environment*, 69(3), 296–302. [https://doi.org/10.1016/S0034-4257\(99\)00023-1](https://doi.org/10.1016/S0034-4257(99)00023-1)
- Ivanov, K., Vasilev, A., Mitkov, A., Nguyen, N., & Tonev, T. (2021). Application of Zn-containing foliar fertilisers for recovery of the grain productivity potential of Zn-deficient maize plants. *Italian Journal of Agronomy*, 16(2). <https://doi.org/10.4081/ija.2021.1759>
- Kang, S. M., Adhikari, A., Bhatta, D., Gam, H. J., Gim, M. J., Son, J. I., Shin, J. Y., & Lee, I. J. (2022). Comparison of Effects of Chemical and Food Waste-Derived Fertilizers on the Growth and Nutrient Content of Lettuce (*Lactuca sativa* L.). *Resources* 2022, Vol. 11, Page 21, 11(2), 21. <https://doi.org/10.3390/RESOURCES11020021>
- Kang, S. M., Hoque, M. I. U., Woo, J. I., & Lee, I. J. (2023). Mitigation of Salinity Stress on Soybean Seedlings Using Indole Acetic Acid-Producing *Acinetobacter pittii* YNA40. *Agriculture* 2023, Vol. 13, Page 1021, 13(5), 1021. <https://doi.org/10.3390/AGRICULTURE13051021>
- Käslin, F., Baur, T., Meier, P., Koller, P., Buchmann, N., D'Odorico, P., & Eugster, W. (2018). Novel Twig Sampling Method by Unmanned Aerial Vehicle (UAV). *Frontiers in Forests and Global Change*, 1. <https://doi.org/10.3389/ffgc.2018.00002>
- Kazerooni, E. A., Maharachchikumbura, S. S. N., Adhikari, A., Al-Sadi, A. M., Kang, S. M., Kim, L. R., & Lee, I. J. (2021). Rhizospheric *Bacillus amyloliquefaciens* Protects *Capsicum annuum* cv. Geumsugangsan From

- Multiple Abiotic Stresses via Multifarious Plant Growth-Promoting Attributes. *Frontiers in Plant Science*, 12, 669693. <https://doi.org/10.3389/FPLS.2021.669693/BIBTEX>
- Kuklová, M., Hniličková, H., Hnilička, F., Pivková, I., & Kukla, J. (2019). Impact of expressway on physiology of plants and accumulation of risk elements in forest ecosystems. *Plant, Soil and Environment*, 65(1), 46–53. <https://doi.org/10.17221/585/2018-PSE>
- Kurepa, J., Shull, T. E., & Smalle, J. A. (2016). Quercetin feeding protects plants against oxidative stress. *F1000Research*, 5, 2430. <https://doi.org/10.12688/f1000research.9659.1>
- Liu, S., Li, S., Fan, X. Y., Yuan, G. Di, Hu, T., Shi, X. M., Huang, J. B., Pu, X. Y., & Wu, C. S. (2019). Comparison of two noninvasive methods for measuring the pigment content in foliose macrolichens. *Photosynthesis Research*, 141(2), 245–257. <https://doi.org/10.1007/s11120-019-00624-x>
- Martos, S., Spanò, D., Agustí, N., Poschenrieder, C., Pintus, F., Moles, L., & Medda, R. (2017). A chitinase from Euphorbia characias latex is a novel and powerful plant-based pesticide against *Drosophila suzukii*. *Annals of Applied Biology*, 171(2), 252–263. <https://doi.org/10.1111/AAB.12369>
- Muhammad Tayyab Khan, H., Ayyaz Javed, S., Tauseef Jaffar, M., Mukhtar Balal, R., ul Ain, Q., Asif, A., Adnan Shahid, M., El-Sheikh, M. A., & Ahmad, P. (2024). Ameliorative effect of melatonin on different tomato genotypes to induce heat stress tolerance by modulating growth and physiological attributes. *Journal of King Saud University - Science*, 103420. <https://doi.org/10.1016/J.JKSUS.2024.103420>
- Park, H. S., Kazerooni, E. A., Kang, S. M., Al-Sadi, A. M., & Lee, I. J. (2021). Melatonin Enhances the Tolerance and Recovery Mechanisms in *Brassica juncea* (L.) Czern. Under Saline Conditions. *Frontiers in Plant Science*, 12, 593717. <https://doi.org/10.3389/FPLS.2021.593717/BIBTEX>
- Shukla, M. R., Singh, A. S., Piunno, K., Saxena, P. K., & Jones, A. M. P. (2017). Application of 3D printing to prototype and develop novel plant tissue culture systems. *Plant Methods*, 13(1). <https://doi.org/10.1186/s13007-017-0156-8>
- Yang, W., Guo, S., Li, P., Song, R., & Yu, J. (2019). Foliar antitranspirant and soil superabsorbent hydrogel affect photosynthetic gas exchange and water use efficiency of maize grown under low rainfall conditions. *Journal of the Science of Food and Agriculture*, 99(1), 350–359. <https://doi.org/10.1002/JSPA.9195>
- Yang, W., & Li, P. F. (2018). Association of carbon isotope discrimination with leaf gas exchange and water use efficiency in maize following soil amendment with superabsorbent hydrogel. *Plant, Soil and Environment*, 64(10), 484–490. <https://doi.org/10.17221/463/2018-PSE>
- Yang, W., Li, P., Guo, S., Song, R., Yu, J., Yang, W., Li, P., Guo, S., Song, R., & Yu, J. (2019). Co-application of soil superabsorbent polymer and foliar fulvic acid to increase tolerance to water deficit maize: photosynthesis, water parameters, and proline. *Chilean Journal of Agricultural Research*, 79(3), 435–446. <https://doi.org/10.4067/S0718-58392019000300435>
- Żelazny, W. R., & Licznar-Małańczuk, M. (2018). Soil quality and tree status in a twelve-year-old apple orchard under three mulch-based floor management systems. *Soil and Tillage Research*, 180, 250–258. <https://doi.org/10.1016/J.STILL.2018.03.010>