Full List of Publications

1. **Abdelghany**, **A. M.**, Lamlom, S. F., & Naser, M. (**2024**). Dissecting the resilience of barley genotypes under multiple adverse environmental conditions. BMC Plant Biology, 24(1), 16.
2. Ren, H., Zhang, B., Zhang, F., Liu, X., Wang, X., Zhang, C., **Abdelghany, A. M** ... & Wang, J. (**2024**). Integration of physiological and transcriptomic approaches in investigating salt-alkali stress resilience in soybean. Plant Stress, 11, 100375.
3. Kamara, M.M., Mansour, E., Khalaf, A.E., Eid, M.A., Hassanin, A.A., **Abdelghany, A.M.**, Kheir, A., Galal, A.A., Behiry, S.I., Silvar, C. and El-Hendawy, S. (**2024**). Molecular Diversity and Combining Ability in Newly Developed Maize Inbred Lines under Low-Nitrogen Conditions. Life, 14(5), 641.
4. Elsamman, E. Y., Ge, Q., Wang, X., Lamlom, S. F., Gong, J., Li, J., ... & **Abdelghany, A. M. (2024**). Elucidating the phenotypic basis of multi-environment stability for fiber yield and quality traits of cotton (*Gossypium hirsutum* L.) using 498 recombinant inbred lines. Industrial Crops and Products, 215, 118593.
5. Farouk, A. S**., Abdelghany, A. M.**, Shehab, A. A., Alwakel, S. E., Makled, K. M., Naif, E., ... & Lamlom, S. F. (**2024**). Optimizing wheat productivity through integrated management of irrigation, nutrition, and organic amendments. BMC Plant Biology, 24(1), 548.
6. **Abdelghany, A. M.,** El-Banna, A. A., Lamlom, S. F., El-Sorady, G. A., Salama, E. A., Ren, H., ... & Yehia, W. M. (**2024**). Combining ability of Egyptian cotton (*Gossypium barbadense* L.) reveals genetic potential for improved yield and fiber quality. Journal of Cotton Research, 7(1), 12.
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9. AbdElgalil, M. A. S., Hefzy, M., Sas-Paszt, L., Ali, H. M., Lamlom, S. F., & **Abdelghany**, **A. M.** (**2023**).

Unraveling the Influence of Water and Nitrogen Management on Quinoa (*Chenopodium quinoa* Willd.) Agronomic and Yield Traits. Water, 15(7), 1296. https://doi.org/10.3390/w15071296

10. Elmahdy, A. M., Ahmed, Y. M., Bakr, A. A., Abdallah, A. M., **Abdelghany, A. M.**, El-Sorady, G. A., ... & Lamlom, S. F. (**2023**). Revolutionizing Maize Farming with Potassium Silicate Foliar Spray and Water Management Techniques. Silicon, 15(16), 7121-7135.
11. Zhang, S., **Abdelghany, A. M.**, Azam, M., Qi, J., Li, J., Feng, Y., Liu, Y., Feng, H., Ma, C., Gebregziabher, B. S., Ghosh, S., Agyenim-Boateng, K. G., Shaibu, A. S., Htway, H. T. P., Wu, T., Li, B., Qiu, L., & Sun, J. (**2023**). Mining candidate genes underlying seed oil content using BSA-seq in soybean. Industrial Crops and Products, 194, 116308. https://doi.org/10.1016/j.indcrop.2023.116308
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