

- Du X., Song Y., Pan L., and Cui S., 2025, Optimizing cucumber (*Cucumis sativus* L.) fruit metabolomics under elevated CO₂ and high-temperature stress in the greenhouse, *Horticulturae*, 11(1): 10.
<https://doi.org/10.3390/horticulturae11010010>
- El-Remaly E.A., and Shehata A.I., 2023, Egyptian cucumber germplasm genetic diversity as an approach for developing novel hybrids under heat stress conditions, *Journal of Plant Production*, 14(1): 1-11.
<https://doi.org/10.21608/jpp.2022.179569.1199>
- Farooq M., Gao S., Hassan M.A., Huang Z., Rasheed A., Hearne S., Prasanna B.M., Li X., and Li H., 2024, Artificial intelligence in plant breeding, *Trends in Genetics*, 40(10): 891-908.
<https://doi.org/10.1016/j.tig.2024.07.001>
- Hong I., Yu J., Hwang S., and Kwack Y., 2024, Estimation of cucumber fruit yield cultivated under different light conditions in greenhouses, *Horticulturae*, 10(10): 1117.
<https://doi.org/10.3390/horticulturae10101117>
- Kaur T., Dhall R.K., Manchanda P., and Kumari P., 2024, Utilizing gynoeocious cucumber (*Cucumis sativus* L.) inbreds to investigate inheritance of gynoeecium, fruit yield and its contrasting traits, *Genetika*, 56(2): 255-269.
<https://doi.org/10.2298/genstr2402255k>
- Koo J., Hwang H., Hwang J., Park E., Yu J., Yun J., Hwang S., Choi H., and Hwang S., 2025, Supplemental lighting and CO₂ enrichment on the growth, fruit quality, and yield of cucumber, *Horticulture, Environment, and Biotechnology*, 66: 77-85.
<https://doi.org/10.1007/s13580-024-00638-y>
- Kumar R.R., Das S., Choudhury B.U., Kumar A., Prakash N., Verma R., Chakraborti M., Devi A.G., Bhattacharjee B., Das R., Das B., Devi H.L., Das B., Rawat S., and Mishra V.K., 2024, Advances in genomic tools for plant breeding: harnessing DNA molecular markers, genomic selection, and genome editing, *Biological Research*, 57: 80.
<https://doi.org/10.1186/s40659-024-00562-6>
- Li J., Yang X., Zhang M., Li D., Jiang Y., Yao W., and Zhang Z., 2023, Yield, quality, and water and fertilizer partial productivity of cucumber as influenced by the interaction of water, nitrogen, and magnesium, *Agronomy*, 13(3): 772.
<https://doi.org/10.3390/agronomy13030772>
- Li R., Gao Y., Cai B., Li G., Xue Z., Wang X., and Li Q., 2024, RPO film effectively promotes fruit quality and yield of cucumber through adjusting greenhouse environment and hormone contents, *BMC Plant Biology*, 24(1): 1250.
<https://doi.org/10.1186/s12870-024-05946-0>
- Lin Y., Weng Y., Fei Z., and Grumet R., 2025, Mining the cucumber core collection: phenotypic and genetic characterization of morphological diversity for fruit quality characteristics, *Horticulture Research*, 12(3): uhae340.
<https://doi.org/10.1093/hr/uhae340>
- Lnu R., Dhall R.K., Manchanda P., Kumari P., and Singathiya P., 2025, Study on characters associations and path coefficient analysis for yield and quality traits of parthenocarpic cucumber genotypes in poly-net house conditions, *Discover Plants*, 2: 15.
<https://doi.org/10.1007/s44372-025-00103-9>
- Meng S., Wang K., Han Q., Xie Y., Li X., Song X., Jia J., Wang C., Yan L., Guo P., Zhang J., and Zhang J., 2026, Multi-omics analysis reveals the regulatory role of CsGA20OX1 in GA-mediated parthenocarp of cucumber, *Molecular Breeding*, 46: 23.
<https://doi.org/10.1007/s11032-026-01635-y>
- Mirzwa-Mróz E., Zieniuk B., Yin Z., and Pawelkiewicz M.E., 2024, Genetic insights and molecular breeding approaches for downy mildew resistance in cucumber (*Cucumis sativus* L.): current progress and future prospects, *International Journal of Molecular Sciences*, 25(23): 12726.
<https://doi.org/10.3390/ijms252312726>
- Negi C., Shah K.N., and Rana D.K., 2025, Evaluation of variability components and trait association in cucumber germplasm for yield contributing characters in Garhwal region of Uttarakhand, India, *Ecology, Environment and Conservation*, 31(Suppl. 2): S389-S394.
<https://doi.org/10.53550/eecc.2025.v31i02s.067>
- Patidar P., Kumar P., and Sharma C., 2024, Study on correlation and path coefficient analysis for certain quantitative traits in cucumber (*Cucumis sativus* L.), *International Journal of Advanced Biochemistry Research*, 8(9): 361-364.
<https://doi.org/10.33545/26174693.2024.v8.i9e.2172>
- Roychowdhury R., Das S.P., Gupta A., Parihar P., Chandrasekhar K., Sarker U., Kumar A., Ramrao D.P., and Sudhakar C., 2023, Multi-omics pipeline and omics-integration approach to decipher plant's abiotic stress tolerance responses, *Genes*, 14(6): 1281.
<https://doi.org/10.3390/genes14061281>
- Serhiienko O., Solodovnyk L., Harbovska T., Nemchenko S., Radchenko L., and Alsina I., 2025, Factors influencing the variability of the traits "yield," "earliness," and their components in breeding genotypes of cucumber in open field conditions, *Vegetable and Melon Growing*, (76): 6-13.
<https://doi.org/10.32717/0131-0062-2024-76-6-13>
- Shukla H., Upadhyay D.K., Jha A., Paswan S.K., Singh A.K., and Yadav R.K., 2025, Genetic evaluation for variability, heritability and genetic advance in cucumber (*Cucumis sativus* L.) genotypes, *Journal of Advances in Biology and Biotechnology*, 28(6): 2500.
<https://doi.org/10.9734/jabb/2025/v28i62500>
- Tadkal R., Rajasree V., Swarnapriya R., Senthil N., and Raveendran M., 2024, Exploring genetic variability, heritability, and genetic advance in growth and yield characteristics of cucumber (*Cucumis sativus*), *International Journal of Advanced Biochemistry Research*, 8(7): 1595.
<https://doi.org/10.33545/26174693.2024.v8.i7sh.1595>