

DAFTAR PUSTAKA

- Alsaqr, A.M. (2021) 'Remarks on the Use of Pearson's and Spearman's Correlation Coefficients in Assessing Relationships in Ophthalmic Data', *African Vision and Eye Health*, 80(1), pp. 1–10. Available at: <https://doi.org/10.4102/AVEH.V80I1.612>.
- Ayub, R. *et al.* (1996) 'Expression of ACC oxidase antisense gene inhibits ripening of cantaloupe melon fruits', *Nature Biotechnology*, 14(7), pp. 862–866.
- Bambalele, N.L. *et al.* (2023) 'Postharvest effect of gaseous ozone on physicochemical quality, carotenoid content and shelf-life of mango fruit', *Cogent Food and Agriculture*, 9(1). Available at: <https://doi.org/10.1080/23311932.2023.2247678>.
- Barry, C.S. and Giovannoni, J.J. (2007) 'Ethylene and fruit ripening', *Journal of Plant Growth Regulation*, pp. 143–159. Available at: <https://doi.org/10.1007/s00344-007-9002-y>.
- Binder, B.M. (2020) 'Ethylene signaling in plants', *Journal of Biological Chemistry*, 295(22), pp. 7710–7725. Available at: <https://doi.org/10.1074/jbc.REV120.010854>.
- Bleecker, A.B. *et al.* (1998) 'The ethylene-receptor family from Arabidopsis: structure and function', *Philosophical Transactions of the Royal Society B: Biological Sciences*, 353(1374), pp. 1405–1412.
- Brummell, D.A. (2006) 'Cell wall disassembly in ripening fruit', *Functional Plant Biology*, pp. 103–119. Available at: <https://doi.org/10.1071/FP05234>.
- Brummell, D.A. and Harpster, M.H. (2001) *Cell wall metabolism in fruit softening and quality and its manipulation in transgenic plants*, *Plant Molecular Biology*.
- Bustin, S.A. *et al.* (2009) 'The MIQE guidelines: Minimum information for publication of quantitative real-time PCR experiments', *Clinical Chemistry*, 55(4), pp. 611–622. Available at: <https://doi.org/10.1373/clinchem.2008.112797>.
- Chang, C. *et al.* (1993) *Arabidopsis Ethylene-Response Gene ETR1: Similarity of Product to Two-Component Regulators*, *New Series*.
- Chang, C. (2016) 'Q and A: How do plants respond to ethylene and what is its importance?', *BMC Biology*, 14(1). Available at: <https://doi.org/10.1186/s12915-016-0230-0>.
- Cherian, S., Figueroa, C.R. and Nair, H. (2014) "Movers and shakers" in the regulation of fruit ripening: A cross-dissection of climacteric versus non-climacteric fruit', *Journal of*

- Experimental Botany*. Oxford University Press, pp. 4705–4722. Available at: <https://doi.org/10.1093/jxb/eru280>.
- Czechowski, T. *et al.* (2005) 'Genome-wide identification and testing of superior reference genes for transcript normalization in arabidopsis', *Plant Physiology*. American Society of Plant Biologists, pp. 5–17. Available at: <https://doi.org/10.1104/pp.105.063743>.
- Esteras, C. *et al.* (2020) 'Melon genetic resources characterization for rind volatile profile', *Agronomy*, 10(10). Available at: <https://doi.org/10.3390/agronomy10101512>.
- Ezura, H. and Owino, W.O. (2008) 'Melon, an alternative model plant for elucidating fruit ripening', *Plant Science*, 175(1–2), pp. 121–129. Available at: <https://doi.org/10.1016/j.plantsci.2008.02.004>.
- Faruh, M. *et al.* (2020) 'Sensory, physicochemical and volatile compound analysis of short and long shelf-life melon (*Cucumis melo* L.) genotypes at harvest and after postharvest storage', *Food Chemistry: X*, 8. Available at: <https://doi.org/10.1016/j.fochx.2020.100107>.
- Firmansyah, D.M.A. (2024) *ANALISIS GENETIK KARAKTER KUALITATIF DAN KUANTITATIF GENERASI F3 TANAMAN MELON (*Cucumis melo* L.)*. Universitas Gadjah Mada.
- Freilich, S. *et al.* (2015) 'Systems approach for exploring the intricate associations between sweetness, color and aroma in melon fruits', *BMC Plant Biology*, 15(1). Available at: <https://doi.org/10.1186/s12870-015-0449-x>.
- Fukino, N., Kuniyama, M. and Matsumoto, S. (2004) *Characterization of Recombinant Inbred Lines Derived from Crosses in Melon*, *Breeding Science*.
- Giovannoni, J.J. (2004) 'Genetic regulation of fruit development and ripening', *Plant Cell*. American Society of Plant Biologists. Available at: <https://doi.org/10.1105/tpc.019158>.
- Gunnaiah, R. *et al.* (2021) 'Genetic diversity assessment and gene expression analysis of prolonged shelf-life genes in Mangalore melon (*Cucumis melo* ssp. *agrestis* var. *acidulus*)', *Euphytica*, 217(8). Available at: <https://doi.org/10.1007/s10681-021-02887-9>.
- Hadfield, K.A. *et al.* (1998a) *Polygalacturonase Gene Expression in Ripe Melon Fruit Supports a Role for Polygalacturonase in Ripening-Associated Pectin Disassembly*. Available at: www.plantphysiol.org.
- Hadfield, K.A. *et al.* (1998b) *Polygalacturonase Gene Expression in Ripe Melon Fruit Supports a Role for Polygalacturonase in Ripening-Associated Pectin Disassembly*. Available at: www.plantphysiol.org.

- Hatami, M. *et al.* (2021) 'Evolution of polygalacturonase and pectin methyl esterase activity during the storage of dudaim melons harvested at two maturity stages', *Italus Hortus*, 28(2), pp. 58–69. Available at: <https://doi.org/10.26353/j.itahort/2021.2.5869>.
- Hewitt, S. and Dhingra, A. (2020) 'Beyond Ethylene: New Insights Regarding the Role of Alternative Oxidase in the Respiratory Climacteric', *Frontiers in Plant Science*. Frontiers Media S.A. Available at: <https://doi.org/10.3389/fpls.2020.543958>.
- Hou, X. *et al.* (2021) 'Water transport in fleshy fruits: Research advances, methodologies, and future directions', *Physiologia Plantarum*. John Wiley and Sons Inc, pp. 2203–2216. Available at: <https://doi.org/10.1111/ppl.13468>.
- Houben, M. and Van de Poel, B. (2019) '1-aminocyclopropane-1-carboxylic acid oxidase (ACO): The enzyme that makes the plant hormone ethylene', *Frontiers in Plant Science*. Frontiers Media S.A. Available at: <https://doi.org/10.3389/fpls.2019.00695>.
- Hua, J. and Meyerowitz, E.M. (1998) 'Ethylene Responses Are Negatively Regulated by a Receptor Gene Family in *Arabidopsis thaliana*', *Cell*, 94, pp. 261–271.
- Ji, Y., Xu, M. and Wang, A. (2021) 'Recent Advances In The Regulation Of Climacteric Fruit Ripening: Hormone, Transcription Factor And Epigenetic Modifications', *Frontiers of Agricultural Science and Engineering*, 8(2), pp. 314–334. Available at: <https://doi.org/10.15302/J-FASE-2021386>.
- Jia, K. *et al.* (2020) 'A Development-Associated Decrease in Osmotic Potential Contributes to Fruit Ripening Initiation in Strawberry (*Fragaria ananassa*)', *Frontiers in Plant Science*, 11. Available at: <https://doi.org/10.3389/fpls.2020.01035>.
- Jin, Y. *et al.* (2016) 'The the alcohol dehydrogenase gene family in melon (*Cucumis melo* L.): Bioinformatic analysis and expression patterns', *Frontiers in Plant Science*, 7(MAY2016). Available at: <https://doi.org/10.3389/fpls.2016.00670>.
- Jolliffe, I.T. and Cadima, J. (2016) 'Principal component analysis: A review and recent developments', *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*. Royal Society of London. Available at: <https://doi.org/10.1098/rsta.2015.0202>.
- Kinanti Raihan Raharsari (2023) *Evaluasi Karakter Morfologi Populasi F1 Tanaman Melon (*Cucumis melo* L.) Hasil Persilangan 'Prince' × MF 032*. Undergraduate Thesis.

- Kong, Q. *et al.* (2014) 'Screening suitable reference genes for normalization in reverse transcription quantitative real-time PCR analysis in melon', *PLoS ONE*, 9(1). Available at: <https://doi.org/10.1371/journal.pone.0087197>.
- Kou, X.H. *et al.* (2021) 'The interplay between ABA/ethylene and NAC TFs in tomato fruit ripening: a review', *Plant Molecular Biology*. Springer Science and Business Media B.V., pp. 223–238. Available at: <https://doi.org/10.1007/s11103-021-01128-w>.
- Kozak, M. (2006) *Note on modern path analysis in application to crop science*. Available at: <https://www.researchgate.net/publication/26430864>.
- Lamberty, A. and Kreyenschmidt, J. (2022) 'Ambient Parameter Monitoring in Fresh Fruit and Vegetable Supply Chains Using Internet of Things-Enabled Sensor and Communication Technology', *Foods*, 11(12). Available at: <https://doi.org/10.3390/foods11121777>.
- Lester, G.E. and Shellie, K.C. (1992) 'Consumer Preference Quality Attributes of Melon Fruits', *HortScience*, 27, pp. 478–481.
- Lija, M. and Beevy, S.S. (2021) 'A review on the diversity of Melon', *Plant Science Today*. Horizon e-Publishing Group, pp. 995–1003. Available at: <https://doi.org/10.14719/pst.1300>.
- Liu, B. *et al.* (2022) 'Knock-Out of CmNAC-NOR Affects Melon Climacteric Fruit Ripening', *Frontiers in Plant Science*, 13. Available at: <https://doi.org/10.3389/fpls.2022.878037>.
- Liu, M. *et al.* (2015) 'Ethylene control of fruit ripening: Revisiting the complex network of transcriptional regulation', *Plant Physiology*. American Society of Plant Biologists, pp. 2380–2390. Available at: <https://doi.org/10.1104/pp.15.01361>.
- Livak, K.J. and Schmittgen, T.D. (2001) 'Analysis of Relative Gene Expression Data Using Real-Time Quantitative PCR and the 2^{-C_T} Method', *METHODS*, 2(5), pp. 402–408. Available at: <https://doi.org/10.1006/m>.
- Løvdaal, T. and Lillo, C. (2009) 'Reference gene selection for quantitative real-time PCR normalization in tomato subjected to nitrogen, cold, and light stress', *Analytical Biochemistry*, 387(2), pp. 238–242. Available at: <https://doi.org/10.1016/j.ab.2009.01.024>.
- Manríquez, D. *et al.* (2006) 'Two highly divergent alcohol dehydrogenases of melon exhibit fruit ripening-specific expression and distinct biochemical characteristics', *Plant Molecular Biology*, 61(4–5), pp. 675–685. Available at: <https://doi.org/10.1007/s11103-006-0040-9>.
- Mohnen, D. (2008) 'Pectin structure and biosynthesis', *Current Opinion in Plant Biology*, pp. 266–277. Available at: <https://doi.org/10.1016/j.pbi.2008.03.006>.

- Nishiyama, K. *et al.* (2007) 'Ethylene regulation of fruit softening and cell wall disassembly in Charentais melon', *Journal of Experimental Botany*, 58(6), pp. 1281–1290. Available at: <https://doi.org/10.1093/jxb/erl283>.
- Nonaka, S., Ito, M. and Ezura, H. (2023) 'Targeted modification of CmACO1 by CRISPR/Cas9 extends the shelf-life of *Cucumis melo* var. *reticulatus* melon', *Frontiers in Genome Editing*, 5. Available at: <https://doi.org/10.3389/fgeed.2023.1176125>.
- Núñez-Lillo, G. *et al.* (2021) 'Unravelling the molecular regulation mechanisms of slow ripening trait in *prunus persica*', *Plants*, 10(11). Available at: <https://doi.org/10.3390/plants10112380>.
- Núñez-Palenius, H.G. *et al.* (2007) 'Fruit ripening characteristics in a transgenic "Galia" male parental muskmelon (*Cucumis melo* L. var. *reticulatus* Ser.) line', *Postharvest Biology and Technology*, 44(2), pp. 95–100. Available at: <https://doi.org/10.1016/j.postharvbio.2006.12.011>.
- Obando-Ulloa, J.M. *et al.* (2008) 'Climacteric or non-climacteric behavior in melon fruit. 1. Aroma volatiles', *Postharvest Biology and Technology*, 49(1), pp. 27–37. Available at: <https://doi.org/10.1016/j.postharvbio.2007.11.004>.
- Paris, H.S., Tadmor, Y. and Schaffer, A.A. (2016) 'Cucurbitaceae Melons, Squash, Cucumber', in *Encyclopedia of Applied Plant Sciences*. Elsevier Inc., pp. 209–217. Available at: <https://doi.org/10.1016/B978-0-12-394807-6.00063-0>.
- Paris, M.K. *et al.* (2008) 'Genetic dissection of fruit quality components in melon (*Cucumis melo* L.) using a RIL population derived from exotic x elite US Western Shipping germplasm', *Molecular Breeding*, 22(3), pp. 405–419. Available at: <https://doi.org/10.1007/s11032-008-9185-3>.
- Park, E. *et al.* (2018) 'Consumer preference and physicochemical evaluation of organically grown melons', *Postharvest Biology and Technology*, 141, pp. 77–85. Available at: <https://doi.org/10.1016/j.postharvbio.2018.03.001>.
- Pech, J.C. *et al.* (2012) 'Ethylene and Fruit Ripening', in *The Plant Hormone Ethylene*. Wiley-Blackwell, pp. 275–304. Available at: <https://doi.org/10.1002/9781118223086.ch11>.
- Pech, J.C., Bouzayen, M. and Latché, A. (2008) 'Climacteric fruit ripening: Ethylene-dependent and independent regulation of ripening pathways in melon fruit', *Plant Science*, pp. 114–120. Available at: <https://doi.org/10.1016/j.plantsci.2008.01.003>.

- Pereira, L. *et al.* (2017) 'Non-invasive quantification of ethylene in attached fruit headspace at 1 p.p.b. by gas chromatography–mass spectrometry', *Plant Journal*, 91(1), pp. 172–183. Available at: <https://doi.org/10.1111/tpj.13545>.
- Pereira, L. *et al.* (2018) 'QTL mapping of melon fruit quality traits using a high-density GBS-based genetic map', *BMC Plant Biology*, 18(1). Available at: <https://doi.org/10.1186/s12870-018-1537-5>.
- Pereira, L. *et al.* (2020) 'Genetic dissection of climacteric fruit ripening in a melon population segregating for ripening behavior', *Horticulture Research*, 7(1). Available at: <https://doi.org/10.1038/s41438-020-00411-z>.
- Pitrat, M. (2016) 'Melon Genetic Resources: Phenotypic Diversity and Horticultural Taxonomy', in, pp. 25–60. Available at: https://doi.org/10.1007/7397_2016_10.
- Prasanna, V., Prabha, T.N. and Tharanathan, R.N. (2007) 'Fruit ripening phenomena-an overview', *Critical Reviews in Food Science and Nutrition*, 47(1), pp. 1–19. Available at: <https://doi.org/10.1080/10408390600976841>.
- Pujol, M. and Garcia-Mas, J. (2023) 'Regulation of climacteric fruit ripening in melon: recent advances and future challenges', *Journal of Experimental Botany*. Oxford University Press, pp. 6224–6236. Available at: <https://doi.org/10.1093/jxb/erad256>.
- Ringnér, M. (2008) *What is principal component analysis?*, *NATURE BIOTECHNOLOGY*. Available at: <http://www.nature.com/naturebiotechnology>.
- Ríos, P. *et al.* (2017) 'ETHQV6.3 is involved in melon climacteric fruit ripening and is encoded by a NAC domain transcription factor', *Plant Journal*, 91(4), pp. 671–683. Available at: <https://doi.org/10.1111/tpj.13596>.
- Rose, J.K.C. *et al.* (1998) *Temporal Sequence of Cell Wall Disassembly in Rapidly Ripening Melon Fruit 1*. Available at: www.plantphysiol.org.
- Saladié, M. *et al.* (2007) 'A reevaluation of the key factors that influence tomato fruit softening and integrity', *Plant Physiology*, 144(2), pp. 1012–1028. Available at: <https://doi.org/10.1104/pp.107.097477>.
- Saladié, M. *et al.* (2015) 'Comparative transcriptional profiling analysis of developing melon (*Cucumis melo* L.) fruit from climacteric and non-climacteric varieties', *BMC Genomics*, 16(1). Available at: <https://doi.org/10.1186/s12864-015-1649-3>.

- Santo Domingo, M. *et al.* (2024) 'The ethylene-responsive transcription factor ERF024 is a novel regulator of climacteric fruit ripening in melon', *Plant Journal*, 119(4), pp. 1844–1858. Available at: <https://doi.org/10.1111/tpj.16889>.
- Schaller, G.E. and Kieber, J.J. (2002) 'Ethylene', *The Arabidopsis Book*, 1, p. e0071. Available at: <https://doi.org/10.1199/tab.0071>.
- Schemberger, M.O. *et al.* (2020) 'Transcriptome profiling of non-climacteric "yellow" melon during ripening: Insights on sugar metabolism', *BMC Genomics*, 21(1). Available at: <https://doi.org/10.1186/s12864-020-6667-0>.
- Schuch, W. *et al.* (1991) *Fruit Quality Characteristics of Transgenic Tomato Fruit with Altered Polygalacturonase Activity*, *HoRTSCIENCE*.
- Schultheis, J.R., Specialist, E. and Thompson, W.B. (2014) *North Carolina Melon Cultivar Evaluations Hort. Series # 211 Principle Investigators*. Available at: <http://ipm.ncsu.edu/Agchem/agchem.html>.
- Setiawan, A.B., Auliauzzakia, I. and Purwantoro, A. (2025) 'Genetic Sex-Distinct Parent Lines', *Caraka Tani: Journal of Sustainable Agriculture*, 40(2), pp. 281–294. Available at: <https://doi.org/10.20961/carakatani.v40i2.93441>.
- Setiawan, A.B., Purwantoro, A. and Wibowo, A. (2020) 'Cytological distinctions between timun suri and cucumber discovered by fluorescence in situ hybridization (Fish) using 45s ribosomal dna gene', *Agrivita*, 42(3), pp. 584–592. Available at: <https://doi.org/10.17503/agrivita.v42i3.2142>.
- Seymour, G.B. *et al.* (2013) 'Fruit development and ripening', *Annual Review of Plant Biology*, 64, pp. 219–241. Available at: <https://doi.org/10.1146/annurev-arplant-050312-120057>.
- Shellie, K.C. (1999) *Muskmelon (*Cucumis melo* L.) fruit ripening and postharvest quality after a preharvest spray of aminoethoxyvinylglycine*, *Postharvest Biology and Technology*. Available at: www.elsevier.com/locate/postharvbio.
- Shellie, K.C. and Saltveit, M.E. (1993) *The Lack of a Respiratory Rise in Muskmelon Fruit Ripening on the Plant Challenges the Definition of Climacteric Behaviour*, *Source: Journal of Experimental Botany*. Available at: <https://about.jstor.org/terms>.
- Shiomi, S. *et al.* (1999) 'Expression of ACC Synthase and ACC Oxidase Genes in Melons Harvested at Different Stages of Maturity', *Journal of the Japanese Society for Horticultural Science*, 68(1), pp. 10–17.

- de Souza Los, K.K. *et al.* (2024) 'Relative expression of genes related to volatile organic compounds in non-climacteric and climacteric melons', *Acta Scientiarum - Agronomy*, 46(1). Available at: <https://doi.org/10.4025/actasciagron.v46i1.66350>.
- Sultana, H. *et al.* (2023) *Nutritional composition and bioactive compounds of mini watermelon genotypes in Bangladesh*.
- Supriyanta, B., Mangaras and Widowati, I. (2022) *Budidaya melon hidroponik dengan smart farming*. Yogyakarta: LPPM UPN 'Veteran' Yogyakarta.
- Tarigan, H.K. *et al.* (2016) *Buku Saku Melon (*Cucumis melo* L.)*. Edited by M. Hayati and Y.N. Salampessy. Jakarta: Direktorat Buah dan Florikultura, Direktorat Jenderal Hortikultura, Kementerian Pertanian.
- Tegen, H. *et al.* (2021) 'Response of watermelon growth, yield, and quality to plant density and variety in Northwest Ethiopia', *Open Agriculture*, 6(1), pp. 655–672. Available at: <https://doi.org/10.1515/opag-2021-0037>.
- Tilahun, S. *et al.* (2019) 'Fruit size and placement in packaging affect firmness-related quality attributes of muskmelon (*Cucumis melo* L.) fruit', *Horticultural Science and Technology*, 37(2), pp. 246–255. Available at: <https://doi.org/10.12972/kjhst.20190024>.
- Tipu, M.M.H. and Sherif, S.M. (2024) 'Ethylene and its crosstalk with hormonal pathways in fruit ripening: mechanisms, modulation, and commercial exploitation', *Frontiers in Plant Science*, 15. Available at: <https://doi.org/10.3389/fpls.2024.1475496>.
- Trizayuni, R. *et al.* (2021) *RESPON PERTUMBUHAN SEMANGKA (*Citrullus vulgaris* L.) TERHADAP APLIKASI MIKORIZA VESIKULAR ARBUSKULAR PADA MEDIA TANAH GAMBUT* *Growth Responses of Watermelon (*Citrullus Vulgaris* L.) to Vesicular Arbuscular Mycorrhizal Application on Peat Soil Growing Media*, *Jurnal Agronida ISSN*.
- Tucker, G. *et al.* (2017) 'Ethylene', *Food Quality and Safety*. Oxford University Press, pp. 253–267. Available at: <https://doi.org/10.1093/fqsafe/fyx024>.
- Tucker, G.A. *et al.* (1992) 'Use of antisense RNA technology to study pectin degradation in tomato fruit', *New Zealand Journal of Crop and Horticultural Science*, 20(2), pp. 119–124. Available at: <https://doi.org/10.1080/01140671.1992.10421904>.
- Tzuri, G. *et al.* (2025) 'Meta genetic analysis of melon sweetness', *Theoretical and Applied Genetics*, 138(4). Available at: <https://doi.org/10.1007/s00122-025-04863-6>.

- Vegas, J., Garcia-Mas, J. and Monforte, A.J. (2013) 'Interaction between QTLs induces an advance in ethylene biosynthesis during melon fruit ripening', *Theoretical and Applied Genetics*, 126(6), pp. 1531–1544. Available at: <https://doi.org/10.1007/s00122-013-2071-3>.
- Vicente, A.R. *et al.* (2007) 'The linkage between cell wall metabolism and fruit softening: Looking to the future', *Journal of the Science of Food and Agriculture*, pp. 1435–1448. Available at: <https://doi.org/10.1002/jsfa.2837>.
- Wan, H. *et al.* (2010) 'Selection of appropriate reference genes for gene expression studies by quantitative real-time polymerase chain reaction in cucumber', *Analytical Biochemistry*, 399(2), pp. 257–261. Available at: <https://doi.org/10.1016/j.ab.2009.12.008>.
- Wang, D. *et al.* (2018) 'Fruit Softening: Revisiting the Role of Pectin', *Trends in Plant Science*. Elsevier Ltd, pp. 302–310. Available at: <https://doi.org/10.1016/j.tplants.2018.01.006>.
- Wang, J. *et al.* (2022) 'Natural variation in the NAC transcription factor NONRIPENING contributes to melon fruit ripening', *Journal of Integrative Plant Biology*, 64(7), pp. 1448–1461.
- Wang, R. *et al.* (2020) 'Revisiting the Role of Master Regulators in Tomato Ripening', *Trends in Plant Science*. Elsevier Ltd, pp. 291–301. Available at: <https://doi.org/10.1016/j.tplants.2019.11.005>.
- Warzybok, A. and Migocka, M. (2013) 'Reliable Reference Genes for Normalization of Gene Expression in Cucumber Grown under Different Nitrogen Nutrition', *PLoS ONE*, 8(9). Available at: <https://doi.org/10.1371/journal.pone.0072887>.
- Wright, S. (1934) *The Method of Path Coefficients*, Source: *The Annals of Mathematical Statistics*.
- Yang, X. *et al.* (2013) 'Effect of ethylene and 1-MCP on expression of genes involved in ethylene biosynthesis and perception during ripening of apple fruit', *Postharvest Biology and Technology*, 78, pp. 55–66. Available at: <https://doi.org/10.1016/j.postharvbio.2012.11.012>.
- Yano, R. *et al.* (2020) 'Comparative genomics of muskmelon reveals a potential role for retrotransposons in the modification of gene expression', *Communications Biology*, 3(1). Available at: <https://doi.org/10.1038/s42003-020-01172-0>.
- Yano, R., Nonaka, S. and Ezura, H. (2018) 'Melonet-DB, a Grand RNA-Seq Gene Expression Atlas in Melon (*Cucumis melo* L.)', *Plant and Cell Physiology*, 59(1), p. E4. Available at: <https://doi.org/10.1093/pcp/pcx193>.

- Yuan, P. *et al.* (2021) 'Transcriptome regulation of carotenoids in five flesh-colored watermelons (*Citrullus lanatus*)', *BMC Plant Biology*, 21(1). Available at: <https://doi.org/10.1186/s12870-021-02965-z>.
- Zeng (2017) *Chapter 2 Principal Components Analysis*.
- Zhang, B. *et al.* (2016) 'Chilling-induced tomato flavor loss is associated with altered volatile synthesis and transient changes in DNA methylation', *Proceedings of the National Academy of Sciences of the United States of America*, 113(44), pp. 12580–12585. Available at: <https://doi.org/10.1073/pnas.1613910113>.
- Zhang, H. *et al.* (2016) 'Transcriptome profiling of *Cucumis melo* fruit development and ripening', *Horticulture Research*, 3. Available at: <https://doi.org/10.1038/hortres.2016.14>.
- Zhang, W. *et al.* (2022) 'The Role of Cell Wall Polysaccharides Disassembly and Enzyme Activity Changes in the Softening Process of Hami Melon (*Cucumis melo* L.)', *Foods*, 11(6). Available at: <https://doi.org/10.3390/foods11060841>.
- Zhao, Y. *et al.* (2022) 'Transcription Factor CmNAC34 Regulated CmLCYB-Mediated β -Carotene Accumulation during Oriental Melon Fruit Ripening', *International Journal of Molecular Sciences*, 23(17). Available at: <https://doi.org/10.3390/ijms23179805>.
- Zhu, Y. *et al.* (2024) 'Applications of structural equation modeling in plant functional trait research', *Environmental Reviews* [Preprint]. Available at: <https://doi.org/10.1139/er-2023-0128>.