

DAFTAR PUSTAKA

- Ahmed, Farid E., Gouda, Mostafa M., Hussein, Laila A., Ahmed, Nancy C., Vos, Paul W., & Mohammad, Mahmoud A. (2017). Role of Melt Curve Analysis in Interpretation of Nutrigenomics' MicroRNA Expression Data. *Cancer Genomics & Proteomics*, 14(6), 469–481. <https://doi.org/10.21873/cgp.20057>
- Amjad, Muhammad, Akhtar, Javaid, Anwar-Ui-Haq, Muhammad, Imran, Shakeel, & Jacobsen, Sven-Erik. (2014). Soil and foliar application of potassium enhances fruit yield and quality of tomato under salinity. *TURKISH JOURNAL OF BIOLOGY*, 38, 208–218. <https://doi.org/10.3906/biy-1305-54>
- Bunu, Samuel Jacob, Otele, Denmo, Alade, Tolulope, & Dodoru, Robinson Tuemi. (2020). Determination of serum DNA purity among patients undergoing antiretroviral therapy using NanoDrop-1000 spectrophotometer and polymerase chain reaction. *Biomedical and Biotechnology Research Journal (BBRJ)*, 4(3), 214. https://doi.org/10.4103/bbrj.bbrj_68_20
- Bustin, Stephen A., Benes, Vladimir, Garson, Jeremy A., Hellemans, Jan, Huggett, Jim, Kubista, Mikael, Mueller, Reinhold, Nolan, Tania, Pfaffl, Michael W., Shipley, Gregory L., Vandesompele, Jo, & Wittwer, Carl T. (2009). The MIQE Guidelines: Minimum Information for Publication of Quantitative Real-Time PCR Experiments. *Clinical Chemistry*, 55(4), 611–622. <https://doi.org/10.1373/clinchem.2008.112797>
- Bustin, Stephen, & Huggett, Jim. (2017). qPCR primer design revisited. *Biomolecular Detection and Quantification*, 14, 19–28. <https://doi.org/10.1016/j.bdq.2017.11.001>
- Chayut, Noam, Yuan, Hui, Ohali, Shachar, Meir, Ayala, Sa'ar, Uzi, Tzuri, Galil, Zheng, Yi, Mazourek, Michael, Gepstein, Shimon, Zhou, Xiangjun, Portnoy, Vitaly, Lewinsohn, Efraim, Schaffer, Arthur A., Katzir, Nurit, Fei, Zhangjun, Welsch, Ralf, Li, Li, Burger, Joseph, & Tadmor, Yaakov. (2017). Distinct Mechanisms of the ORANGE Protein in Controlling Carotenoid Flux. *Plant Physiology*, 173(1), 376–389. <https://doi.org/10.1104/pp.16.01256>
- Chayut, Noam, Yuan, Hui, Ohali, Shachar, Meir, Ayala, Yeselson, Yelena, Portnoy, Vitaly, Zheng, Yi, Fei, Zhangjun, Lewinsohn, Efraim, Katzir, Nurit, Schaffer, Arthur A., Gepstein, Shimon, Burger, Joseph, Li, Li, & Tadmor, Yaakov. (2015). A bulk segregant transcriptome analysis reveals metabolic and cellular processes associated with Orange allelic variation and fruit β -

- carotene accumulation in melon fruit. *BMC Plant Biology*, 15(1), 274. <https://doi.org/10.1186/s12870-015-0661-8>
- Chayut, Noam, Yuan, Hui, Saar, Yuval, Zheng, Yi, Sun, Tianhu, Zhou, Xuesong, Hermanns, Anna, Oren, Elad, Faigenboim, Adi, Hui, Maixia, Fei, Zhangjun, Mazourek, Michael, Burger, Joseph, Tadmor, Yaakov, & Li, Li. (2021). Comparative transcriptome analyses shed light on carotenoid production and plastid development in melon fruit. *Horticulture Research*, 8(1), 112. <https://doi.org/10.1038/s41438-021-00547-6>
- Chomicki, Guillaume, Schaefer, Hanno, & Renner, Susanne S. (2020). Origin and domestication of Cucurbitaceae crops: Insights from phylogenies, genomics and archaeology. *New Phytologist*, 226(5), 1240–1255. <https://doi.org/10.1111/nph.16015>
- Daryono, Budi Setiadi, & Maryanto, Sigit. (2017). *Keanekaragaman dan potensi sumber daya genetik melon* (Cetakan pertama). Gadjah Mada University Press.
- Endl, Josef, Achigan-Dako, Enoch G., Pandey, Arun K., Monforte, Antonio J., Pico, Belén, & Schaefer, Hanno. (2018). Repeated domestication of melon (*Cucumis melo*) in Africa and Asia and a new close relative from India. *American Journal of Botany*, 105(10), 1662–1671. <https://doi.org/10.1002/ajb2.1172>
- Fang, Xufeng, Liu, Shi, Gao, Peng, Liu, Hongyu, Wang, Xuezheng, Luan, Feishi, Zhang, Qian, & Dai, Zuyun. (2020). Expression of CIPAP and CIPSY1 in watermelon correlates with chromoplast differentiation, carotenoid accumulation, and flesh color formation. *Scientia Horticulturae*, 270, 109437. <https://doi.org/10.1016/j.scienta.2020.109437>
- FAOSTAT. (2022). *Production / Crops and livestock products* [dataset]. <https://www.fao.org/faostat/en/#data/QCL/metadata>.
- Farciuh, Macarena, Copes, Bill, Le-Navenec, Gaele, Marroquin, Juan, Jaunet, Thierry, Chi-Ham, Cecilia, Cantu, Dario, Bradford, Kent J., & Van Deynze, Allen. (2020). Texture diversity in melon (*Cucumis melo* L.): Sensory and physical assessments. *Postharvest Biology and Technology*, 159, 111024. <https://doi.org/10.1016/j.postharvbio.2019.111024>
- Feder, Ari, Chayut, Noam, Gur, Amit, Freiman, Zohar, Tzuri, Galil, Meir, Ayala, Saar, Uzi, Ohali, Shachar, Baumkoler, Fabian, Gal-On, Amit, Shnaider, Yula, Wolf, Dalia, Katzir, Nurit, Schaffer, Ari, Burger, Joseph, Li, Li, & Tadmor, Yaakov. (2019). The Role of Carotenogenic Metabolic Flux in Carotenoid Accumulation and Chromoplast Differentiation: Lessons From the Melon Fruit. *Frontiers in Plant Science*, 10, 1250. <https://doi.org/10.3389/fpls.2019.01250>

- Flores, Pilar, Navarro, Josefa M., Garrido, Consuelo, Rubio, Jose S., & Martínez, Vicente. (2004). Influence of Ca^{2+} , K^{+} and NO_3^{-} fertilisation on nutritional quality of pepper. *Journal of the Science of Food and Agriculture*, 84(6), 569–574. <https://doi.org/10.1002/jsfa.1694>
- Galpaz, Navot, Burger, Yosi, Lavee, Tamar, Tzuri, Galil, Sherman, Amir, Melamed, Tal, Eshed, Ravit, Meir, Ayala, Portnoy, Vitaly, Bar, Einat, Shimon-Shor, Einav, Feder, Ari, Saar, Yuval, Saar, Uzi, Baumkoler, Fabian, Lewinsohn, Efraim, Schaffer, Arthur A., Katzir, Nurit, & Tadmor, Yaakov. (2013). Genetic and chemical characterization of an EMS induced mutation in Cucumis melo CRTISO gene. *Archives of Biochemistry and Biophysics*, 539(2), 117–125. <https://doi.org/10.1016/j.abb.2013.08.006>
- Gao, P., Liu, S., Zhu, Q. L., & Luan, F. S. (2015). Marker-assisted selection of Fusarium wilt-resistant and gynoecious melon (Cucumis melo L.). *Genetics and Molecular Research*, 14(4), 16255–16264. <https://doi.org/10.4238/2015.December.8.16>
- García-Alegria, Alejandro Monserrat, Anduro-Corona, Iván, Pérez-Martínez, Cinthia Jhovanna, Guadalupe Corella-Madueño, María Alba, Rascón-Durán, María Lucila, & Astiazaran-Garcia, Humberto. (2020). Quantification of DNA through the NanoDrop Spectrophotometer: Methodological Validation Using Standard Reference Material and Sprague Dawley Rat and Human DNA. *International Journal of Analytical Chemistry*, 2020, 1–9. <https://doi.org/10.1155/2020/8896738>
- Garcia-Mas, Jordi, Benjak, Andrej, Sanseverino, Walter, Bourgeois, Michael, Mir, Gisela, González, Víctor M., Hénaff, Elizabeth, Câmara, Francisco, Cozzuto, Luca, Lowy, Ernesto, Alioto, Tyler, Capella-Gutiérrez, Salvador, Blanca, Jose, Cañizares, Joaquín, Ziarsolo, Pello, Gonzalez-Ibeas, Daniel, Rodríguez-Moreno, Luis, Droege, Marcus, Du, Lei, ... Puigdomènech, Pere. (2012). The genome of melon (Cucumis melo L.). *Proceedings of the National Academy of Sciences*, 109(29), 11872–11877. <https://doi.org/10.1073/pnas.1205415109>
- Gonzalo, Maria José, Díaz, Aurora, Dhillon, Narinder P. S., Reddy, Umesh K., Picó, Belén, & Monforte, Antonio J. (2019). Re-evaluation of the role of Indian germplasm as center of melon diversification based on genotyping-by-sequencing analysis. *BMC Genomics*, 20(1), 448. <https://doi.org/10.1186/s12864-019-5784-0>
- Gur, Amit, Gonda, Itay, Portnoy, Vitaly, Tzuri, Galil, Chayut, Noam, Cohen, Shahar, Yeselson, Yelena, Meir, Ayala, Bar, Einat, Davidovitz-Rikanati, Rachel, Saar, Uzi, Paris, Harry S., Burger, Joseph, Tadmor, Yaakov, Lewinsohn, Efraim, Schaffer, Arthur A., & Katzir, Nurit. (2016). Genomic Aspects of Melon Fruit Quality. Dalam Rebecca Grumet, Nurit Katzir, &

- Jordi Garcia-Mas (Ed.), *Genetics and Genomics of Cucurbitaceae* (Vol. 20, hlm. 377–408). Springer International Publishing. https://doi.org/10.1007/7397_2016_29
- Hartwell, Leland. (2018). *Genetics: From genes to genomes* (Sixth edition). McGraw-Hill Education.
- Hasbullah, U. H. A., Supriyadi, & Daryono, B. S. (2019). Aroma Volatile Compounds Profile of Melon (*Cucumis melo* L.) cv. Gama Melon Parfum. *IOP Conference Series: Earth and Environmental Science*, 292(1), 012027. <https://doi.org/10.1088/1755-1315/292/1/012027>
- IPGRI. (2003). *Descriptors for Melon (Cucumis melo L.)*. International Plant Genetic Resources Institute.
- ITIS. (2023). *GBIF Backbone Taxonomy* [dataset]. GBIF Secretariat. <https://doi.org/10.15468/39OMEI>
- Jifon, John L., & Lester, Gene E. (2009). Foliar potassium fertilization improves fruit quality of field-grown muskmelon on calcareous soils in south Texas. *Journal of the Science of Food and Agriculture*, 89(14), 2452–2460. <https://doi.org/10.1002/jsfa.3745>
- Jifon, John L., & Lester, Gene E. (2011). *Effect of Foliar Potassium Fertilization and Source on Cantaloupe Yield and Quality*. 95(1).
- Joseph, Joyous T., Poolakkalody, Najya Jabeen, & Shah, Jasmine M. (2018). Plant reference genes for development and stress response studies. *Journal of Biosciences*, 43(1), 173–187. <https://doi.org/10.1007/s12038-017-9728-z>
- Kassambara, Alboukadel. (2018). *Ggpubr: 'ggplot2' based publication ready plots* (Versi 2) [R package version].
- Kazemi, Mohsen. (2014). *Effect of Gibberellic Acid and Potassium Nitrate Spray on Vegetative Growth and Reproductive Characteristics of Tomato*.
- Kesh, Hari, & Kaushik, Prashant. (2021). Advances in melon (*Cucumis melo* L.) breeding: An update. *Scientia Horticulturae*, 282, 110045. <https://doi.org/10.1016/j.scienta.2021.110045>
- Khayyat, M., Tafazoli, E., Eshghi, S., Rahemi, M., & Rajaei, S. (2007). Salinity, Supplementary Calcium and Potassium Effects on Fruit Yield and Quality of Strawberry (*Fragaria ananassa* Duch.). *Environ. Sci.*
- Kishimoto, Sanae, & Ohmiya, Akemi. (2012). Carotenoid Isomerase Is Key Determinant of Petal Color of *Calendula officinalis*. *Journal of Biological Chemistry*, 287(1), 276–285. <https://doi.org/10.1074/jbc.M111.300301>
- Kronthaler, Franz, & Zöllner, Silke. (2021). *Data analysis with RStudio: An easygoing introduction*. Springer Spektrum.
- Kuang, Jujiao, Yan, Xu, Genders, Amanda J., Granata, Cesare, & Bishop, David J. (2018). An overview of technical considerations when using quantitative

- real-time PCR analysis of gene expression in human exercise research. *PloS One*, 13(5), e0196438. <https://doi.org/10.1371/journal.pone.0196438>
- Larson, Greger, Piperno, Dolores R., Allaby, Robin G., Purugganan, Michael D., Andersson, Leif, Arroyo-Kalin, Manuel, Barton, Loukas, Climer Vigueira, Cynthia, Denham, Tim, Dobney, Keith, Doust, Andrew N., Gepts, Paul, Gilbert, M. Thomas P., Gremillion, Kristen J., Lucas, Leilani, Lukens, Lewis, Marshall, Fiona B., Olsen, Kenneth M., Pires, J. Chris, ... Fuller, Dorian Q. (2014). Current perspectives and the future of domestication studies. *Proceedings of the National Academy of Sciences*, 111(17), 6139–6146. <https://doi.org/10.1073/pnas.1323964111>
- Lester, Gene E., Jifon, John L., & Makus, Donald J. (2010). Impact of potassium nutrition on postharvest fruit quality: Melon (*Cucumis melo* L) case study. *Plant and Soil*, 335(1–2), 117–131. <https://doi.org/10.1007/s11104-009-0227-3>
- Lester, Gene E., Jifon, John L., & Rogers, Gordon. (2005). Supplemental Foliar Potassium Applications during Muskmelon Fruit Development Can Improve Fruit Quality, Ascorbic Acid, and Beta-carotene Contents. *Journal of the American Society for Horticultural Science*, 130(4), 649–653. <https://doi.org/10.21273/JASHS.130.4.649>
- Lian, Qun, Fu, Qiushi, Xu, Yongyang, Hu, Zhicheng, Zheng, Jing, Zhang, Aiai, He, Yuhua, Wang, Changsheng, Xu, Chuanqiang, Chen, Benxue, Garcia-Mas, Jordi, Zhao, Guangwei, & Wang, Huaisong. (2021). QTLs and candidate genes analyses for fruit size under domestication and differentiation in melon (*Cucumis melo* L.) based on high resolution maps. *BMC Plant Biology*, 21(1), 126. <https://doi.org/10.1186/s12870-021-02904-y>
- Lin, Duo, Huang, Danfeng, & Wang, Shiping. (2004). Effects of potassium levels on fruit quality of muskmelon in soilless medium culture. *Scientia Horticulturae*, 102(1), 53–60. <https://doi.org/10.1016/j.scienta.2003.12.009>
- Mariroh, Azzah Laichatul. (2024). *Pengaruh Aplikasi Kalium Terhadap Kadar Pigmen Klorofil, Karotenoid, dan Ekspresi Gen Klorofil Serta Karotenoid Pada Buah Melon (Cucumis melo L.) Kultivar Gama Melon Parfum [Tugas Akhir]*. Institut Teknologi Sepuluh November.
- Mehta, Nidhi. (2022). RT-qPCR Made Simple: A Comprehensive Guide on the Methods, Advantages, Disadvantages, and Everything in Between. *Undergraduate Research in Natural and Clinical Science and Technology (URNCAST) Journal*, 6(10), 1–6. <https://doi.org/10.26685/urncast.403>
- Mullegama, Sureni V., Alberti, Michael O., Au, Cora, Li, Yan, Toy, Traci, Tomasian, Vanina, & Xian, Rena R. (2019). Nucleic Acid Extraction from

- Human Biological Samples. Dalam William H. Yong (Ed.), *Biobanking* (Vol. 1897, hlm. 359–383). Springer New York. https://doi.org/10.1007/978-1-4939-8935-5_30
- Nakro, Amal, Bamouh, Ahmed, El Khatib, Oumaima, & Ghaouti, Lamiae. (2022). Effect of Potassium Source and Dose on Yield and Quality of Strawberry Fruit. *American Journal of Plant Sciences*, 13(09), 1196–1208. <https://doi.org/10.4236/ajps.2022.139081>
- Nisar, Nazia, Li, Li, Lu, Shan, Khin, Nay Chi, & Pogson, Barry J. (2015). Carotenoid Metabolism in Plants. *Molecular Plant*, 8(1), 68–82. <https://doi.org/10.1016/j.molp.2014.12.007>
- Njus, David, Kelley, Patrick M., Tu, Yi-Jung, & Schlegel, H. Bernhard. (2020). Ascorbic acid: The chemistry underlying its antioxidant properties. *Free Radical Biology and Medicine*, 159, 37–43. <https://doi.org/10.1016/j.freeradbiomed.2020.07.013>
- Olatunde, Ahmed, Tijjani, Habibu, Ishola, Ahmed Adebayo, Egbuna, Chukwuebuka, Hassan, Sadia, & Akram, Muhammad. (2020). Carotenoids as Functional Bioactive Compounds. Dalam Chukwuebuka Egbuna & Genevieve Dable Tupas (Ed.), *Functional Foods and Nutraceuticals* (hlm. 415–444). Springer International Publishing. https://doi.org/10.1007/978-3-030-42319-3_20
- Paris, Harry S. (2016). Overview of the origins and history of the five major cucurbit crops: Issues for ancient DNA analysis of archaeological specimens. *Vegetation History and Archaeobotany*, 25(4), 405–414. <https://doi.org/10.1007/s00334-016-0555-1>
- Paris, Harry S., Amar, Zohar, & Lev, Efraim. (2012). Medieval emergence of sweet melons, *Cucumis melo* (Cucurbitaceae). *Annals of Botany*, 110(1), 23–33. <https://doi.org/10.1093/aob/mcs098>
- Pfaffl, M. W. (2001). A new mathematical model for relative quantification in real-time RT-PCR. *Nucleic Acids Research*, 29(9), e45. <https://doi.org/10.1093/nar/29.9.e45>
- Preciado-Rangel, Pablo, Salas-Pérez, Lilia, Gallegos-Robles, Miguel Á., Ruiz-Espinoza, Francisco H., Ayala-Garay, Alma V., Fortis-Hernández, Manuel, & Murillo-Amador, Bernardo. (2018). Increasing doses of potassium increases yield and quality of muskmelon fruits under greenhouse. *Horticultura Brasileira*, 36(2), 184–188. <https://doi.org/10.1590/s0102-053620180206>
- Qin, Xiaoqiong, Coku, Ardian, Inoue, Kentaro, & Tian, Li. (2011). Expression, subcellular localization, and cis-regulatory structure of duplicated phytoene synthase genes in melon (*Cucumis melo* L.). *Planta*, 234(4), 737–748. <https://doi.org/10.1007/s00425-011-1442-8>

- Ramakers, Christian, Ruijter, Jan M., Deprez, Ronald H. Lekanne, & Moorman, Antoon F. M. (2003). Assumption-free analysis of quantitative real-time polymerase chain reaction (PCR) data. *Neuroscience Letters*, 339(1), 62–66. [https://doi.org/10.1016/s0304-3940\(02\)01423-4](https://doi.org/10.1016/s0304-3940(02)01423-4)
- Rather, G. H., Bansal, Surinder Kumar, Bashir, Owais, & Waida, Umar. (2019). *Impact of Potassium Nutrition on Fruit Yield and Physicochemical Characteristics of Apple Cultivar Red Delicious*.
- Rocha, Danilo J. P. G., Castro, Thiago L. P., Aguiar, Eric R. G. R., & Pacheco, Luis G. C. (2020). Gene Expression Analysis in Bacteria by RT-qPCR. Dalam Roberto Biassoni & Alessandro Raso (Ed.), *Quantitative Real-Time PCR* (Vol. 2065, hlm. 119–137). Springer New York. https://doi.org/10.1007/978-1-4939-9833-3_10
- Rosas-Saavedra, Carolina, & Stange, Claudia. (2016). Biosynthesis of Carotenoids in Plants: Enzymes and Color. Dalam Claudia Stange (Ed.), *Carotenoids in Nature* (Vol. 79, hlm. 35–69). Springer International Publishing. https://doi.org/10.1007/978-3-319-39126-7_2
- Ruiz-Villalba, Adrián, Ruijter, Jan M., & van den Hoff, Maurice J. B. (2021). Use and Misuse of Cq in qPCR Data Analysis and Reporting. *Life (Basel, Switzerland)*, 11(6), 496. <https://doi.org/10.3390/life11060496>
- Ruiz-Villalba, Adrián, Van Pelt-Verkuil, Elizabeth, Gunst, Quinn D., Ruijter, Jan M., & Van Den Hoff, Maurice Jb. (2017). Amplification of nonspecific products in quantitative polymerase chain reactions (qPCR). *Biomolecular Detection and Quantification*, 14, 7–18. <https://doi.org/10.1016/j.bdq.2017.10.001>
- San Segundo-Val, Ignacio, & Sanz-Lozano, Catalina S. (2016). Introduction to the Gene Expression Analysis. Dalam María Isidoro García (Ed.), *Molecular Genetics of Asthma* (Vol. 1434, hlm. 29–43). Springer New York. https://doi.org/10.1007/978-1-4939-3652-6_3
- Saputri, Avia Purnama, Wibowo, Wiko Arif, & Daryono, Budi Setiadi. (2020). *Phenotypical characters and biochemical compound of cucurbitacin melon (*Cucumis melo* L. 'Gama Melon Parfum') resulted from breeding*. 060006. <https://doi.org/10.1063/5.0017615>
- Schefe, Jan H., Lehmann, Kerstin E., Buschmann, Ivo R., Unger, Thomas, & Funke-Kaiser, Heiko. (2006). Quantitative real-time RT-PCR data analysis: Current concepts and the novel “gene expression’s C T difference” formula. *Journal of Molecular Medicine*, 84(11), 901–910. <https://doi.org/10.1007/s00109-006-0097-6>
- Sebastian, Patrizia, Schaefer, Hanno, Telford, Ian R. H., & Renner, Susanne S. (2010). Cucumber (*Cucumis sativus*) and melon (*C. melo*) have numerous wild relatives in Asia and Australia, and the sister species of

- melon is from Australia. *Proceedings of the National Academy of Sciences*, 107(32), 14269–14273. <https://doi.org/10.1073/pnas.1005338107>
- Solhjoo, S., Gharaghani, A., & Fallahi, E. (2017). Calcium and Potassium Foliar Sprays Affect Fruit Skin Color, Quality Attributes, and Mineral Nutrient Concentrations of 'Red Delicious' Apples. *International Journal of Fruit Science*, 17(4), 358–373. <https://doi.org/10.1080/15538362.2017.1318734>
- Sparrenberg, Lorenz Tim, Greiner, Benjamin, & Mathis, Harald Peter. (2020). Bleaching correction for DNA measurements in highly diluted solutions using confocal microscopy. *PloS One*, 15(7), e0231918. <https://doi.org/10.1371/journal.pone.0231918>
- Su, Tongbing, Yu, Shuancang, Zhang, Jiao Wang Fenglan, Yu, Yangjun, Zhang, Deshuang, Zhao, Xiuyun, & Wang, Weihong. (2015). Loss of Function of the Carotenoid Isomerase Gene BrCRTISO Confers Orange Color to the Inner Leaves of Chinese Cabbage (*Brassica rapa* L. ssp. *Pekinensis*). *Plant Molecular Biology Reporter*, 33(3), 648–659. <https://doi.org/10.1007/s11105-014-0779-0>
- Supriyanta, Bambang, Widowati, Indah, Kodong, Frans Richard, & Safitri, Ananda. (2022). Genetic Parameters of Inodorus Melon Lines (*Cucumis Melo* L.) Based on a Smart Farming Hidroponic System. *KnE Life Sciences*. <https://doi.org/10.18502/kl.v7i3.11107>
- Taber, Henry, Perkins-Veazie, Penelope, Li, Shanshan, White, Wendy, Rodermel, Steven, & Xu, Yang. (2008). Enhancement of Tomato Fruit Lycopene by Potassium Is Cultivar Dependent. *HortScience*, 43(1), 159–165. <https://doi.org/10.21273/HORTSCI.43.1.159>
- Taiz, Lincoln, Møller, I. M., Murphy, Angus S., & Zeiger, Eduardo (Ed.). (2023). *Plant physiology and development* (Seventh edition). Sinauer Associates: Oxford University Press.
- Tanoi, Keitaro, & Kobayashi, Natsuko. (2015). Leaf Senescence by Magnesium Deficiency. *Plants*, 4(4), 756–772. <https://doi.org/10.3390/plants4040756>
- Taylor, Sean C., Laperriere, Genevieve, & Germain, Hugo. (2017). Droplet Digital PCR versus qPCR for gene expression analysis with low abundant targets: From variable nonsense to publication quality data. *Scientific Reports*, 7(1), 2409. <https://doi.org/10.1038/s41598-017-02217-x>
- Taylor, Sean C., Nadeau, Katia, Abbasi, Meysam, Lachance, Claude, Nguyen, Marie, & Fenrich, Joshua. (2019). The Ultimate qPCR Experiment: Producing Publication Quality, Reproducible Data the First Time. *Trends in Biotechnology*, 37(7), 761–774. <https://doi.org/10.1016/j.tibtech.2018.12.002>
- Taylor, Sean, Wakem, Michael, Dijkman, Greg, Alsarraj, Marwan, & Nguyen, Marie. (2010). A practical approach to RT-qPCR—Publishing data that

- conform to the MIQE guidelines. *Methods*, 50(4), S1–S5. <https://doi.org/10.1016/j.ymeth.2010.01.005>
- Tournayre, Jeremy, Reichstadt, Matthieu, Parry, Laurent, Fafournoux, Pierre, & Jousse, Celine. (2019). “Do my qPCR calculation”, a web tool. *Bioinformatics*, 15(5), 369–372. <https://doi.org/10.6026/97320630015369>
- Tzuri, Galil, Zhou, Xiangjun, Chayut, Noam, Yuan, Hui, Portnoy, Vitaly, Meir, Ayala, Sa’ar, Uzi, Baumkoler, Fabian, Mazourek, Michael, Lewinsohn, Efraim, Fei, Zhangjun, Schaffer, Arthur A., Li, Li, Burger, Joseph, Katzir, Nurit, & Tadmor, Yaakov. (2015). A ‘golden’ SNP in *CmOr* governs the fruit flesh color of melon (*Cucumis melo*). *The Plant Journal*, 82(2), 267–279. <https://doi.org/10.1111/tpj.12814>
- Villanueva, Randle Aaron M., & Chen, Zhuo Job. (2019). ggplot2: Elegant Graphics for Data Analysis (2nd ed.). *Measurement: Interdisciplinary Research and Perspectives*, 17(3), 160–167. <https://doi.org/10.1080/15366367.2019.1565254>
- Wan, Zhenzhou, Zhang, Ya’nan, He, Zhixiang, Liu, Jia, Lan, Ke, Hu, Yihong, & Zhang, Chiyu. (2016). A Melting Curve-Based Multiplex RT-qPCR Assay for Simultaneous Detection of Four Human Coronaviruses. *International Journal of Molecular Sciences*, 17(11), 1880. <https://doi.org/10.3390/ijms17111880>
- Wibowo, Wiko Arif, Maryanto, Sigit Dwi, & Daryono, Budi Setiadi. (2021). Phenotypic characters and identification CYPs (Cyclophilin) gene in *Cucumis melo* L. cv. Gama Melon Parfum. *Biodiversitas Journal of Biological Diversity*, 22(6). <https://doi.org/10.13057/biodiv/d220601>
- Wibowo, Wiko Arif, Sulaiman, Teuku Nanda Saifullah, Supriyadi, Supriyadi, & Daryono, Budi Setiadi. (2022). *Computational Study of Natural Compounds in Melon Fruit (Cucumis melo L. ‘GMP’) as Inhibitor of Epidermal Growth Factor Receptor Protein: 7th International Conference on Biological Science (ICBS 2021)*, Yogyakarta, Indonesia. <https://doi.org/10.2991/absr.k.220406.028>
- Wickham, Hadley, Averick, Mara, Bryan, Jennifer, Chang, Winston, McGowan, Lucy, François, Romain, Golemund, Garrett, Hayes, Alex, Henry, Lionel, Hester, Jim, Kuhn, Max, Pedersen, Thomas, Miller, Evan, Bache, Stephan, Müller, Kirill, Ooms, Jeroen, Robinson, David, Seidel, Dana, Spinu, Vitalie, ... Yutani, Hiroaki. (2019). Welcome to the Tidyverse. *Journal of Open Source Software*, 4(43), 1686. <https://doi.org/10.21105/joss.01686>
- Wickham, Hadley, Çetinkaya-Rundel, Mine, & Golemund, Garrett. (2023). *R for data science: Import, tidy, transform, visualize, and model data* (Second edition). O’Reilly.

- Woldemariam, Sofonias Hagos, Lal, Sewa, Zelelew, Daniel Z., & Solomon, Mulugheta T. (2018). Effect of Potassium Levels on Productivity and Fruit Quality of Tomato (*Lycopersicon esculentum* L.). *Journal of Agricultural Studies*, 5(4), 102. <https://doi.org/10.5296/jas.v6i1.12262>
- Yousuf, Showket, Sheikh, Muzamil Ahmad, Chand, Subhash, & Anjum, Jasra. (2018). Effect of different sources of potassium on yield and quality of apple (cv. Red Delicious) in temperate conditions. *Journal of Applied and Natural Science*, 10(4), 1332–1340. <https://doi.org/10.31018/jans.v10i4.1945>
- Yuan, Hui, Zhang, Junxiang, Nageswaran, Divyashree, & Li, Li. (2015). Carotenoid metabolism and regulation in horticultural crops. *Horticulture Research*, 2(1), 15036. <https://doi.org/10.1038/hortres.2015.36>
- Yusuf, Adib Fakhrudin. (2023). *Karakterisasi Dan Ekspresi Gen Orange (CmOR) Dalam Akumulasi Beta-Karoten Dan Regulasi Warna Mesokarpium Melon (cucumis Melo L. 'melona')* [Doctoral Dissertation]. Universitas Gadjah Mada.
- Zhang, Jie, Sun, Honghe, Guo, Shaogui, Ren, Yi, Li, Maoying, Wang, Jinfang, Yu, Yongtao, Zhang, Haiying, Gong, Guoyi, He, Hongju, Zhang, Chao, & Xu, Yong. (2022). CIZISO mutation leads to photosensitive flesh in watermelon. *Theoretical and Applied Genetics*, 135(5), 1565–1578. <https://doi.org/10.1007/s00122-022-04054-7>
- Zhang, Taifeng, Ding, Zhuo, Liu, Jiajun, Qiu, Boyan, & Gao, Peng. (2020). QTL mapping of pericarp and fruit-related traits in melon (*Cucumis melo* L.) using SNP-derived CAPS markers. *Scientia Horticulturae*, 265, 109243. <https://doi.org/10.1016/j.scienta.2020.109243>
- Zhao, Zilong, Liu, Zhen, & Mao, Xiangzhao. (2020). Biotechnological Advances in Lycopene β -Cyclases. *Journal of Agricultural and Food Chemistry*, 68(43), 11895–11907. <https://doi.org/10.1021/acs.jafc.0c04814>
- Zhou, Xiangjun, Welsch, Ralf, Yang, Yong, Álvarez, Daniel, Riediger, Matthias, Yuan, Hui, Fish, Tara, Liu, Jiping, Thannhauser, Theodore W., & Li, Li. (2015). Arabidopsis OR proteins are the major posttranscriptional regulators of phytoene synthase in controlling carotenoid biosynthesis. *Proceedings of the National Academy of Sciences of the United States of America*, 112(11), 3558–3563. <https://doi.org/10.1073/pnas.1420831112>
- Zulfikar, Muhammad, Widya, Faiza Senja, Wibowo, Wiko Arif, Daryono, Budi Setiadi, & Widiyanto, Slamet. (2020). *Antioxidant activity of melon fruit (Cucumis melo L. 'GMP') ethanolic extract*. 040029. <https://doi.org/10.1063/5.0015748>