

DAFTAR PUSTAKA

- Aina, O., Quesenberry, K. & Gallo, M., 2012. In vitro induction of tetraploids in *Arachis paraguariensis*. *Plant Cell Tiss*, 111(2), pp. 231-238.
- Aisyah, R., Mahmudah, N. & Risanti, E. D., 2019. *Biologi Molekuler*. 1st ed. Surakarta: Muhammadiyah University Press. p.120.
- Al-Rasyid, M. F., 2021. Kestabilan Genetik Berdasarkan Inter-Simple Sequence Repeat dan Analisis Kadar Beta Karoten pada Melon (*Cucumis melo* L. 'Gama Melon Parfum'). *Skripsi*, Yogyakarta : Universitas Gadjah Mada.
- Andayani, N. N., Aqil, M. & Pabendon, M. B., 2017. Aplikasi Bioinformatika pada Studi Genetik Jagung Provitamin A. *Informatika Pertanian*, 26(2), pp. 91-98.
- Aristya, G. R., Daryono, B. S., Handayani, N. S. N. & Arisuryanti, T., 2015. Karakterisasi Kromosom Tumbuhan & Hewan. 1st ed. Yogyakarta: Gadjah Mada University Press. p.19-20.
- Arumingtyas, E. L., 2016. Genetika Mendel : Prinsip Dasar Pemahaman Ilmu Genetika. 1st ed. Malang: UB Press. p.101.
- Boggia, R., Zunin, P. & Turrini, F., 2021. Functional Foods and Food Supplements. Basel: MDPI. p.183
- Chung, I. M. et al., 2011. Screening 64 Cultivars *Catharanthus roseus* for the Production of Vindoline, Catharanthine, and Serpentine. *Biotechnol Prog*, XXVII(4), pp. 937-943.
- Chung, H., Shi, S., Huang, B. & Chen, J., 2017. *Molecules*, Volume 22, pp. 1-13.
- Dalby, A., 2003. Food in the Ancient World From A to Z. London: Routledge. p.215
- Daryono, B. D. & Maryanto, S. D., 2018. Keanekaragaman dan Potensi Sumber Daya Genetik Melon. Yogyakarta: Gadjah Mada University Press. p.8-13, 51-53.
- Daryono, B. S., Nofriarno, N. & Saputri, A. P., 2018. Analisis Fenotipe Dan Ploidi Tanaman Melon (*Cucumis melo* L.) Hasil Perlakuan Ekstrak Etanolik Daun Tapak Dara (*Catharanthus roseus* [L] G. Don.). *Jurnal Biota*, IV(2), pp. 62-67.
- Dashek, W. V. & Harrison, M., 2006. Plant Cell Biology. New Hampshire: Science Publishers. p.201.
- Driesche, R. V., Hoddle, M. & Center, T., 2008. *Control of Pests and Weeds by Natural Enemies : An Introduction to Biological Control*. Malden: Blackwell Publishing. p.171
- Fardilla, F. P., Kusumaningrum, H. P. & Wijanarka, 2017. Identifikasi Molekuler Tanaman Pisang Rajalawe Berdasarkan Gen Internal Transcribed Spacer (ITS). *Jurnal Biologi*, 6(1), pp. 21-28.
- Hasbullah, U. H., Supriyadi & Daryono, B. S., 2019. Aroma Volatile Compounds Profile of Melon(*Cucumis melo* L.) cv. Gama Melon Parfum. *International Conference on Food Science & Technology*, 292(012027), pp. 1-12.
- Heslop-Harrison, J. S. & Schwarzach, T., 2011. Organisation of the Plant Genome in Chromosomes. *The Plant Journal*, Issue 66, pp. 18-33.
- Idami, Z. & Nasution, R. A., 2019. Klasifikasi Echinodea (Filum Echinodermata) dengan Metode Taksonomi Numerik-Fenetik. *Klorofil*, 3(2), pp. 4-9.
- Ihsan, B. & Retnaningrum, E., 2020. The Numerical Phenetic of Taxonomy *Vibrio* in Shellfish (*Meretrix meretrix*) at Edu-Tourism Mangrove Cengkong Beach Trenggalek. *Jurnal Ilmiah Perikanan dan Kelautan*, 12(2), pp. 296-301.
- Jaiswal, A. K., 2020. Nutritional Composition and Antioxidant Properties of Fruits and Vegetables. Cambridge: Academic Press. p. 533.
- Kadi, A., 2007. Manipulasi Poliploid untuk Memperoleh Jenis Baru Yang Unggul. *Oseana*, XXXII(4), pp. 1-11

- Kasmiyati, S., Kristiani, E. B. & Herawati, M. M., 2020. Effect of induced polyploidy on plant growth, chlorophyll and flavonoid content of *Artemisia cina*. *Journal of Biology & Biology Education*, 12(1), pp. 90-96.
- Kim, Y., Hahn, E., Murthy, H. N. & Paek, K., 2004. Effect of polyploidy induction on biomass and ginsenoside accumulations in adventitious roots of ginseng. *Journal of Plant Biology*, 47(4), pp. 356-360.
- Kusnadi, J. & Arumingtyas, E. L., 2020. *Polymerase Chain Reaction (PCR) : Teknik dan Fungsi*. Malang: UB Press. p.8.
- Maharani, S. E., 2021. Karakter Fenotipik dan Deteksi Gen Cucurbitacin Buah Melon (Cucumis Melo L. 'GMP'). Skripsi, Yogyakarta(Universitas Gadjah Mada).
- Mahoney, J. D., Hau, T. M., Connolly, B. A. & Brand, M. H., 2019. Sexual and Apomictic Seed Reproduction in *Aronia* Species with Different Ploidy Levels. *HortScience*, 54(4), pp. 642-646.
- Mallek-Ayadi, S., Bahloul, N. & Kechaou, N., 2017. Characterization, Phenolic Compounds, and Functional Properties of *Cucumis melo* L. Peels. *Food Chemistry*, Volume 221, pp. 1691-1697.
- Marks, D. B., Marks, A. D. & Smith, C. M., 2000. *Biokimia Kedokteran Dasar : Sebuah Pendekatan Klinis*. 1st ed. Jakarta: Penerbit Buku Kedokteran ECG. p.245
- Muarifin, A., Perdamaian, A. B., Sartika, D. & Daryono, B. S., 2021. Induced Polyploidy in *Arachis hypogaea* L. var. Talam using *Catharanthus roseus* Phenolic Extract. *Asian J. Plant Sci.*, Volume 20, pp. 263-270.
- Niwattanakul, S., Singthongchai, J., Naenudorn, E. & Wanapu, S., 2013. Using of Jaccard Coefficient for Keywords Similarity. *Proceedings of the International MultiConference of Engineers and Computer Scientists*, Volume Hong Kong : 13-15 March 2013.
- Pandiangan, D. & Nainggolan, N., 2006. Peningkatan Kandungan Katarantin pada Kultur Kalus *Catharanthus roseus* dengan Pemberian Naphtalene Acetic Acid. *Hayati*, XII(3), pp. 90-94.
- Paryadi, S. & Hadiatna, E., 2021. *Budidaya Tanaman Melon*. 1st ed. Yogyakarta: Deepublish Publisher. p.5-8
- Pelt-Verkuil, E. V., Belkum, A. V. & Hays, J. P., 2008. *Principles and Technical Aspects of PCR Amplification*. Netherlands: Springer. p.1.
- Plantamor, 2022. Cucumis melo. [Online] Available at: <http://plantamor.com/species/info/cucumis/melo/makuwa#gsc.tab=0> [Accessed 5 August 2022].
- Qian, O. Y., Harith, S., Shahril, M. R. & Shahidan, N., 2019. Bioactive Compounds In *Cucumis melo* L. And Its Beneficial Health Effects: A Scoping Review. *Malays. Appl. Biol.*, 48(4), pp. 11-23.
- Reddy, M. P., Sarla, N. & Siddiq, E. A., 2002. Inter simple sequence repeat (ISSR) polymorphism and its application in plant breeding. *Euphytica*.
- Rizko, N. et al., 2020. Isolasi DNA Daun Jeruk Bali Merah (*Citrus maxima* Merr.) dengan Modifikasi Metode Doyle and Doyle. *Berkala Bioteknologi*, 3(2), pp. 1-7.
- Saputri, A. P., Wibowo, W. A. & Daryono, B. S., 2020. Phenotypical characters and biochemical compound of cucurbitacin melon (*Cucumis melo* L. 'Gama Melon Parfum') resulted from breeding. *AIP Conference Proceedings*, 2260(060006), pp. 1-7.
- Silva, M. A. et al., 2018. Melon (*Cucumis melo* L.) by-products: Potential food ingredients for novel functional foods?. *Trends in Food Science & Technology*, <https://doi.org/10.1016/j.tifs.2018.07.005>, pp. 1-9.

- Stuessy, T. F., 2009. *Plant Taxonomy : The Systematic Evaluation of Comparative Data*. 2nd ed. New York: Columbia University Press. p.54.
- Susilawati, T., 2017. *Sapi Lokal Indonesia (Jawa Timur dan Bali)*. 1st ed. Malang: UB Press. p.170.
- Sutjahjo, S. H., Herison, C., Sulastrini, I. & Marwiyah, S., 2015. Pendugaan Keragaman Genetik Beberapa Karakter Pertumbuhan dan Hasil pada 30 Genotipe Tomat Lokal (The Estimation of Genetic Variability of Growth and Yield Traits on 30 Local Tomato Genotypes). *J. Hort.*, 25(4), pp. 304-310.
- Syukur, M., Sujiprihati, S. & Siregar, A., 2010. Pendugaan Parameter Genetik Beberapa Karakter Agronomi Cabai F4 dan Evaluasi Daya Hasilnya Menggunakan Rancangan Perbesaran (Augmented Design). *J. Agrotropika*, 15(1), pp. 9-16.
- Townsend, C. A. et al., 2020. *Comprehensive Natural Products III : Chemistry and Biology*. Amsterdam: Elsevier. p. 598.
- Travers, A. & Muskhelishvili, G., 2015. DNA Structure and Function. *FEBS Journal*, pp. 2279-2295.
- Varma, A., Padh, H. & Shrivastava, N., 2007. Plant Genomic DNA Isolation : an art or a science. *Journal Biotechnology*, Volume 2, pp. 386-392.
- Viza, R. Y., 2019. Karakteristik Morfologi Tanaman Mentha spicata Hasil Induksi Ekstrak Etanolik Daun Tapak Dara (Catharanthus roseus). *Biocolony*, II(1), pp. 15-20.
- Wardhani, S. P., 2019. *Intisari Biologi Dasar*. Yogyakarta:Diandra Kreatif. p.259.
- Yuwono, T., 2016. *Biologi Molekular*. 10 ed. Jakarta: Penerbit Erlangga. p.39.
- Zhang, W., Hao, H., Zhao, C. & Yu, X., 2010. Tetraploid muskmelon alters morphological characteristics and improves fruit quality. *Scientia Horticulturae*, Volume 125, pp. 396-400.
- Zuyasna, 2021. *Kultur In Vitro Dan Mutagenesis Tanaman Nilam*. 1 ed. Banda Aceh: Syiah Kuala University Press. p.54.

