

DAFTAR PUSTAKA

- Agouillal, F., Taher, Z.M., Moghrani, H., Nasrallah, N, and El-Enshasy, H. 2017. A Review of Genetic Taxonomy, Biomolecules Chemistry and Bioactivities of *Citrus hystrix* DC. *Biosci Biotech Res Asia*, 14 (1) : 285-305.
- Aparna, V., Dileep, K.V., Mandal, P. K., Karthe, P., Sadasivan, C and Haridas, M. 2012. Property of n-Hexadecanoic Acid: Structural Evidence and Kinetic Assessment. *Chemical Biology & Drug Design*, 80 (3): 434-439.
- Board, N. 2008. *The Complete Book on Spices and Condiments (with Cultivation, Processing, and Uses)*. 2nd Revised Edition. Asia Pacific Business Press Inc. Delhi, p. 105.
- Bown, D. 2002. *The Royal Horticultural Society New Encyclopedia of Herbs & Their Uses, Great Britain*. Dorling Kindersley. London, p. 10.
- Chandran, H., Mukesh, M., Tansukh, B and Kanika, S. 2020. Plant Tissue Culture as A Perpetual Source for Production of Industrially Important Bioactive Compounds. *Elsevier: Biotechnology Reports*, 26(2020): 1-10. <https://doi.org/10.1016/j.btre.2020.e00450>
- Chawla, H. S. 2002. *Introduction to Plant Biotechnology 2 nd ed*. Science Publisher. USA, p. 15.
- Collin A., and S. Edwards. 2008. *Plant Cell Culture*. Bios Scientific Publisher . USA, p: 67.
- Croteau, R., Kutchan, T.M and Lewis, N.G. 2000. Natural Products (Secondary Metabolites). *Biochemistry and Molecular Biology of Plants*, 24 (6): 1250-1319.
- Dertayasasa, E.D and Tunjung, W. A. S. 2018. Volatile Organic Compounds of Kaffir Lime (*Citrus hystrix* DC.) Leaves Fractions and Their Potency as Traditional Medicine. *Biosciences Biotechnology Research Asia*, 14 (4): 1235-1250.
- Eisenreich, W., M. Schwarz, A. Cartayrade, D. Arigoni, M.H. Zenk, and A. Bacher. 1998. The Deoxyxylulose Phosphate Pathway of Terpenoid Biosynthesis in Plants and Microorganisms. *Chem Biol*, 5 (9):21-33.
- EMBL-EBI. 2021. <https://www.ebi.ac.uk>. Diakses pada tanggal 18 September 2021
- Ferguson, L., and Elizabeth, E.G.C. 2014. *Citrus Production Manual*. UC Peer. California, p. 91.
- Gaud, R. S., G . D. Gupta, and S. B. Gokhale. 2007. *Practical Biotechnology*. Budwar Peth: Nirali Prakashan, p. 7.
- Groot, A.C. 2018. *Non-Fragrance Allergens in Cosmetics (Part 1&2)*. CRC Press: New York, p.602.
- Grunenvaldi, R.L., Juliana, D.G., Peter, B., Jessica, D.C.T., Fabricio, A.H., Trong, T., Erik, N.G and Cicero, D. 2020. Callus Culture as a New Approach for the Production of High Added Value Compounds in *Ilex paraguariensis*: Genotype Influence, Medium Optimization and Compounds Identification. *An.Acad.Bras.Cienc*, 92 (3): 1-12.

- Gupta, S. D, and Ibaraki, Y. 2008. *Plant Tissue Culture Engineering*. Springer. Netherlands, p. 85-86.
- Hanifa, A.P 2013. Pengaruh Sukrosa dan Polietilen Glikol (PEG) Terhadap Kadar Lipid dan Komposisi Asam Lemak pada Kultur Suspensi *Croton tiglium* L. *AgroSainT UKI Toraja*, IV (2): 561-569.
- Hendaryono, D. P. S., and Ari, W. 2008. *Teknik Kultur Jaringan*. Penerbit Kanisius. Yogyakarta, p. 28-70.
- Integrated Taxonomic Information System (ITIS). 2020. https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=825206#null. Diakses pada tanggal 12 April 2020.
- Julianti, R.F., Yulita, N and Nintya, S. 2021. The effect of sucrose concentration in MS medium on the flavonoid content of tomato callus (*Solanum lycopersicum* syn. *Lycopersicon esculentum*). *Metamorfosa: Journal of Biological Sciences*, 8 (1): 141-149.
- Korman, T.P., Paul, H.O, and James, U.B. 2017. A Synthetic Biochemistry Platform for Cell Free Production of Monoterpenes from Glucose. *Nature Communication*. Doi: 10.1038/ncomms15.52.
- Kustiani, E. 2020. *Kultur Jaringan: Teori 7 Praktek*. UNIK Press: Jakarta. Hal.78
- Ma'at, S. 2009. *Sterilisasi dan Disinfeksi*. Airlangga University Press: Surabaya, p. 2-4.
- Mardany, M.P., Linus, Y.C, and Aditya, K.K. 2016. Skrining Fitokimia dan Uji Aktivitas Sitotoksik dari Tumbuhan Sarang Semut (*Myrmecodia beccarii* Hook.f.) Asal Kabupaten Merauke. *Jurnal Biologi Papua*, 8 (1): 13-22.
- Maulik, N. 2013. *Cardiovascular Diseases: Nutritional and Therapeutic Interventions*. CRC Press. USA, p. 375.
- NCBI. 2021. <https://www.ncbi.nlm.nih.gov>. Diakses pada tanggal 19 September 2021
- North, J. J., Ndakidemi, P, and Laubscher, C. P. 2011. Effects of Various Media Composition on the In vitro Germination and Discoloration of Immature Embryos of the Bird of Paradise. *POJ*, 4 (2): 100-113.
- Oldfield, E., and F.Y.Lin. 2012. Terpene Biosynthesis: Modularity Rules. *Angew Chem Int Ed Engl*, 51 (5):1124-1137.
- Omorogie, E.H., Kunle, F.O., Okwute, S.K and Okogun, J.I. 2012. Chemical Constituents of the Essential Oil of *Lagdera pterodonta* (DC.) Sch. Bip. Form North-Central Nigeria. *Journal of Applied Pharmaceutical Science*, 02 (08): 198-202.
- Palmila, U.A and Karpagam, S. GC-MS Analysis of Ethanolic Extract of *Alternanthera philoxeroides* and *Alternanthera bettzickiana* from India. *World Research Journal Biology of Biological Sciences*, 2 (1): 005-011
- Parnata, A. S. 2004. *Pupuk Organik Cair Aplikasi dan Manfaatnya*. Agromedia Pustaka. Jakarta, p: 15-17.
- Putram, N.M., Iriani, S., Kustiariyah, T, and Muhammad, N. 2017. Anticancer Activity from Active Fraction of Sea Cucumber. *JPHPI*, 20 (1): 53-62
- Sari, Y.P., Eko, K., Chairul, S., Wawan, K and Sukartiningsih. Effect of Sucrose and Plant Growth Regulators on Callogenesis and Preliminary Secondary Metabolic

- of Different Explant *Myrmecodia tuberosa*. *Nusantara Bioscience*, 10 (3) : 183-192.
- Sawamura, M. 2010. *Citrus Essential Oils: Flavor and Fragrance*. John Wiley & Sons. New Jersey, p. 101.
- Shofiyani, A., dan Agus, M.P. 2017. Pertumbuhan Kalus Kencur (*Kaemferia galanga* L.) pada Komposisi Media dengan Perlakuan Sukrosa dan Zat Pengatur Tumbuh (2,4 D dan Benzil Aminopurin). *Agritech*, XIX (1) : 55- 64.
- Solichatun, S. 2007. Pertumbuhan dan Kandungan Reserpine Kultur Kalus *Rauvolfia verticillate* pada Variasi Konsentrasi Sukrosa dalam Media MS. *Biofarmasi*, 5 (1): 38-46.
- Srivastava, P., Sing, M., Devi, G and Chaturvedi, R. 2014. Herbal Medicine and Biotechnology for the Benefit of Human Health. *Animal Biotechnology*, 563-575. DOI: [10.1016/B978-0-12-416002-6.0030-4](https://doi.org/10.1016/B978-0-12-416002-6.0030-4).
- Suleria, H.A.R., and Colin, B. *Bioactive Compounds from Plant Origin*. CRC Press. USA, p. 3-6.
- Tanzil, L., Latirah, dan Priyanto, D.N. 2017. Antidandruff Activity of Extracts from Kaffir Lime (*Citrus Hystrix* DC.) Prepared by Different Solvents. *SANITAS: Jurnal Teknologi dan Seni Kesehatan*, 8 (1): 57-62.
- Teixeira, R.S.S., Ayla, S.A and Viridiana, S.F.L. 2012. Amino acids interference on the quantification of reducing sugars by the 3,5-dinitrosalicylic acid assay mislead carbohydrase activity measurements. *Carbohydrate Research*, 363 (2012): 33-37. DOI: [10.1016/j.carres.2012.09.024](https://doi.org/10.1016/j.carres.2012.09.024)
- Thaneshwari, C. Aswath, Effect of plant growth regulators and sucrose concentration on callus induction and shoot differentiation from ovary culture of marigold (*Tagetes* spp). *Int. J. Chem. Stud.* 6 (1) : 618-623.
- Tholl, D. 2015. Biosynthesis and Biological Functions of Terpenoids in Plants. *Adv Biochem Eng Biotechnology*, (48): 63-106.
- Thorpe, T. A. 2001. *Plant Tissue Culture*. Academic Press Inc. London, p: 36.
- Tunjung, W.A.S., Jindrich, C., Martin, M, and Mark, C.S. 2015. Anti-Cancer Effect of Kaffir Lime (*Citrus hystrix* DC) Leaf Extract in Cervical Cancer and Neuroblastoma Cell Lines. *Procedia Chemistry*: 465-468. doi: [10.1016/j.proche.2015.03.062](https://doi.org/10.1016/j.proche.2015.03.062).
- Tunjung, W.A.S., Widyasari, A.F., Iskandar, A., Nurulita, A.J., Sasongko, A.B.M Indrianto, A., Semiarti, E and Maryani. 2021. Effect of 2.4D and BAP Morphological Characters and Genetic Stability of Kaffir Lime (*Citrus hystrix* DC) Callus Cultures Among Generations. *Chiang Mai University Journal of Natural Sciences*, 20 (3): e202106.
- Wahyuni, D.K., Alamil, H., Siti, F., Hery, P and Bambang, P. 2020. Effect of Light, Sucrose Concentration and Repetitive on Callus Growth and Medically Important Production in *Justicia gendarussa* Burm.f. *Biotechnology Reports*, 27 (2): 1-33.

- Warsito, W., Maimunah, H.P, and Edy, P.U. 2017. Profiling Study of the Major and Minor Components of Kaffir Lime Oil (*Citrus hystrix* DC.) in the Fractional Distillation Process. *The Pan African Medical Journal*, 27 (282): 1-9.
- Weiner E. R. 2008. *Applications of Environmental Aquatic Chemistry*. CRC Press. Boca Raton , p. 366.
- Wetherell, D. F. 2002. *Pengantar Propagasi Tanaman Secara In vitro*. Avery Publishing Group, Inc. USA, p. 45.
- Wetter, L. R., and F. Constabel. 2004. *Plant Tissue Culture Methods*. Prairie Regional Laboratory of The National Research Council of Canada. Canada, p. 34.
- Wulandari, W., Darmadji, Y.P, and Kurniawati, L. 2017. Antioxidant Properties of Kaffir Lime Oil as Affected by Hydrodistillation Process. *Proceedings Ictess UNISRI*, 1 (1): 242-248.
- Xiao, Z.B., Zhu, J.C., Feng, T., Tian, H.X., Yu, H.Y., Niu, Y.W and Zhang, X. 2010. Comparison of volatile components in Chinese traditional pickled peppers using HS-SPME-GC-MS, GC-O and multivariate analysis. *Natural Product Research*, 24 (20): 1939-1953.
- Yelnititis. 2012. Pembentukan Kalus Remah Dari Eksplan Daun Ramin (*Gonystylus bancanus* (Miq) Kurz.). *Jurnal Pemuliaan Tanaman Hutan*, 6 (1): 181 – 194 .
- Zhao, F., Wang, P/. Lucardi, R.D., Su, Z and Li, S. 2020. Natural Sources and Bioactivities of 2,4-Di-Tert-Butylphenol and Its Analogs. *Toxins*, 12 (35): 1-26.