

DAFTAR PUSTAKA

- Asbar, A., Yunus, M., dan Hamsiah. 2024. Analisis Produksi dan Potensi Unsur Hara Serasah di Kawasan Konservasi Mangrove Puntondo Kecamatan Mangarabombang Kabupaten Takalar. *Journal of Indonesian Tropical Fisheries (JOINT-FISH): Jurnal Akuakultur, Teknologi dan Manajemen Perikanan Tangkap dan Ilmu Kelautan*, **7**(1): 54–62.
- Bulawa, B., Sogoni, A., Jimoh, M. O., dan Laubscher, C. P. 2022. Potassium Application Enhanced Plant Growth, Mineral Composition, Proximate and Phytochemical Content in *Trachyandra Divaricata* Kunth (Sandkool). *Plants*, **11**(22): 1-21.
- Bonifas, K. D., Walters, D. T., Cassman, K. G., Lindquist, J. L. 2017. Nitrogen Supply Affects Root:Shoot Ratio In Corn And Velvetleaf (*Abutilon Theophrasti*). *Weed Science*, **53**(5): 670-675.
- Chen, Y. dan Ye, Y. 2014. Effects Of Salinity And Nutrient Addition On Mangrove *Excoecaria Agallocha*. *PLoS ONE*, **9**(4): 1-11.
- Danong, M. T., Ruma, M. T. L., Boro, T. L., Nono, K. M. 2019. Identifikasi Jenis-Jenis Mangrove di Kawasan Ekowisata Mangrove Kelurahan Oesapa Barat Kota Kupang. *Jurnal Biotropikal Sains*, **16**(3): 10-25.
- Dekme, Z. F., Lasut, M. T., Thomas, A., dan Kainde, R. P. 2016. Keanekaragaman Jenis Tumbuhan Di Hutan Mangrove Kecamatan Tombariri Kabupaten Minahasa. *E-Journal Universitas Sam Ratulangi*, **7**(2): 1–7.
- Eisa, E. A., Davila, D. S. P., & Ordogh, M. 2025. Enhancing Acclimatization Conditions for *Vriesea splendens* 'Fire': A Comparative Analysis of Substrate Effects on Growth and Survival. *Plants*, **14**(172): 1-27.
- Setyabudi, E. P. H., Purwoto, S., dan Tulloh Husaini, H. 2020. Removal Natrium (Na⁺), Klorida (Cl⁻), dan Kesadahan Air Payau Dengan Resin Penukar Ion. *Waktu: Jurnal Teknik Unipa*, **18**(1): 7–14.
- Em, S. 2024. Exploring Experimental Research: Methodologies, Designs, and Applications Across Disciplines. *SSRN Electronic Journal*. **1**: 1-10.
- Fang, X., Yang, D., Deng, L., Zhang, Y., Lin, Z., Zhou, J., Chen, Z., Ma, X., Guo, M., Lu, Z., dan Ma, L. 2024. Phosphorus Uptake, Transport, And Signaling In Woody and Model Plants. *Forestry Research*, **4**: 1-16.
- Fidiansyah, A., Sudirman Yahya, dan Suwanto. 2021. Produksi dan Kualitas Umbi serta Ketahanan terhadap Hama pada Bawang Merah. *Jurnal Agronomi Indonesia (Indonesian Journal of Agronomy)*, **49**(1): 53–59.
- Gamelasari, E., Asfaruddin, dan Prihanani. 2023. Pengaruh Media Tanam dan Dosis Pupuk Npk Terhadap Pertumbuhan Bibit Bakau Minyak (*Rhizophora Apiculata*). *Jurnal Agroqua*, **21**(2): 367–376.
- Grzelak, M., Pacholczak, A., & Nowakowska, K. 2024. Challenges and Insights In The Acclimatization Step of Micropropagated Woody Plants. *Plant Cell, Tissue And Organ Culture*, **159**(3): 1–20.
- Hanindipto, F. A., Daulay, F. R., Rahayu, S. P., Irsani, I. P., Rachmani, A. R., Evangelina, H. 2025. The Effect of Ammonium-Based Npk Fertilizers on The Growth of Mangrove Seedlings *Rhizophora Mucronata* And *Rhizophora Stylosa*. *Jurnal Bioteknologi dan Biosains Indonesia*, **12**(1): 14-21.

- Hasanuzzaman, M., Bhuyan, M. H. M. B., Nahar, K., Hossain, Md. S., Mahmud, J. A., Hossen, Md. S., Masud, A. A. C., Moumita., & Fujita, M. 2018. Potassium: A Vital Regulator of Plant Responses and Tolerance to Abiotic Stresses. *Agronomy*, **8**(31):1-29.
- He, Z., Yen, L., Huang, H., Wang, Z., Zhao, L., Chen, Z., Lee, S. Y., dan Peng, Y. 2022. Linkage Between Mangrove Seedling Colonization, Sediment Traits, and Nitrogen Input. *Frontiers in Marine Science*, **9**: 1-10.
- Hussain, S., Nanda, S., Zhang, J., Rehmani, M. I. A., Suleman, M., Li, G., dan Hou, H. 2021. Auxin and Cytokinin Interplay During Leaf Morphogenesis and Phyllotaxy. *Plants*, **10**(8): 1-14.
- Isa, Md, H., Mustafa, K. A. H., Idris, M. H., Rosli, Z., dan Ismail, J. 2017. Biomass And Habitat Characteristics of Epiphytic Macroalgae In The Sibuti Mangroves, Sarawak, Malaysia. *Tropical Life Sciences Research*, **28**(1): 1-21.
- Jiaying, MA., Tingting, C., Jie, L., Weimeng, F., Baohua, F., Guangyan, L., Juncai, L., Zhihai, W., Longxing, T., Guanfu, F. 2022. Functions of Nitrogen, Phosphorus and Potassium in Energy Status and Their Influences on Rice Growth and Development. *Rice Science*, **29**(2): 166-178
- Kaiser, D., Kowalski, N., Bottcher, M. E., Yan, B., Unger, D. 2015. Benthic Nutrient Fluxes from Mangrove Sediments of an Anthropogenically Impacted Estuary in Southern China. *Journal of Marine Science and Engineering*, **3**: 466-491.
- Kanti, H. M., Supriharyono, dan Rahman, A. 2019. Kandungan N dan P Hasil Dekomposisi Serasah Daun Mangrove Pada Sedimen di Maron Mangrove Edu Park, Semarang. *Journal of Maquares*, **8**(3): 226-233.
- Kaveriamma, M. M., Rajeevan, P. K., Girija, D., dan Nandini, K. 2019. Sphagnum Moss as Growing Medium in Phalaenopsis Orchid. *International Journal of Current Microbiology and Applied Sciences*, **8**(2): 2118-2123.
- Khayat, J. A dan Alatalo, J. M. 2021. Relationship Between Tree Size, Sediment Mud Content, Oxygen Levels, and Pneumatophore Abundance in the Mangrove Tree Species Avicennia Marina (Forssk.) Vierh. *Journal Of Marine Science and Engineering*, **9**: 1-13.
- Kodikara, K. A. S., Jayatissa, L. P., Huxham, M., Dahdouh-Guebas, F., dan Koedam, N. 2018. The Effects Of Salinity On Growth And Survival Of Mangrove Seedlings Changes With Age. *Acta Botanica Brasilica*, **32**(1): 37-46.
- Kontakiotis, G., Maravelis, A. G., dan Zelilidis, A. 2024. Recent Advances in Sedimentology. *Journal of Marine Science and Engineering*, **12**(11): 1-5.
- Koten, F. 2024. Kandungan Fosfor Pada Serasah Daun Mangrove (Avicennia alba) Yang Terdekomposisi di Kawasan konservasi Mangrove dan Kepiting Kelurahan Pamusian Kota Tarakan. *Skripsi*. 34 hal.
- Kusumadewi, A. A. A. D. dan Idrus, A. 2023. Rhizophoraceae Flower and Fruit Morphology as Evidence of Resilience of Mangrove Revegetation in Lembar West Lombok. *Jurnal Biologi Tropis*, **23**(1): 63-69.
- Kumar, D., Sengar, R. S., Malik, N., Yadav, M. K., Gupta, S., Chand, P., Singh, G., Kumar, P. In Vitro Evaluation to Intensify The Differential Morphogenetic Response Through Plant Growth Regulators and Antibiotic Supplementation In Sugarcane. *Plant Physiology Reports*, **25**: 335-346.

- Lhamo, D. dan Luan, S. 2021. Potential Networks of Nitrogen-Phosphorus-Potassium Channels and Transporters in Arabidopsis Roots at a Single Cell Resolution. *Front Plant Sci*, **12**: 1- 25.
- Liwa, I. M., Hadiprayitno, G., dan Mertha, G. 2018. Jurnal Pengabdian Magister Pendidikan IPA Sosialisasi Peran dan Fungsi Mangrove pada Masyarakat di Kawasan Gili Sulat Lombok Timur. *Jurnal Pengabdian Magister Pendidikan IPA*, **1**(1): 52-59.
- Merigout, P., Lainé, P., Quinones, C., Ayadi, A., Tillard, P., S  n  cal, L., & Daniel-Vedele, F. 2015. Physiological and molecular regulation of plant nitrogen uptake and assimilation in response to nitrogen demand and availability. *Journal of Experimental Botany*, **66**(10): 3001-3012.
- Nasution, D. Y., Hasibuan, N. W., Nasution, R. M., dan Tanjung, I. F. 2023. Pengaruh Media Tanam terhadap Pertumbuhan Kacang Hijau (*Vigna Radiata*). *Jurnal Ilmiah Universitas Batanghari Jambi*, **23**(2): 1188.-1192
- Pebriyanti, W. A. 2016. Distribusi Nutrien Kalium dan Fosfor Pada Organ Mangrove *Rhizophora Stylosa* di Taman Nasional Rawa Aopa Watumohai. *Skripsi*. 35 hal.
- Purba, T., Situmeang, R., Mahyati, H. F. R., Arsi, Firgiyanto, R., Saadah, A. S. J. T. T., Junairiah, Herawati, J., dan Suhastyo, A. A. 2021. Pupuk dan Teknologi Pemupukan. 150 hal.
- Rahim, S. dan Baderan, D. W. K. 2019. Komposisi Jenis, Struktur Komunitas, Dan Keanekaragaman Mangrove Asosiasi Langge Kabupaten Gorontalo Utara- Provinsi Gorontalo. *Jurnal Ilmu Lingkungan*, **17**(1): 181-188.
- Rahman, M. A., Woo, J. H., Lee, S. H., Park, H. S., Kabir, A. H., Raza, A., Sabagh, A. L., Dan Lee, K. W. 2022. Regulation of Na⁺/H⁺ Exchangers, Na⁺/K⁺ Transporters, And Lignin Biosynthesis Genes, Along With Lignin Accumulation, Sodium Extrusion, And Antioxidant Defense, Confers Salt Tolerance In Alfalfa. *Frontiers In Plant Science*, **13**: 1-16.
- Raksun, A., Japa, L., Mertha, I. G., dan Raksun, A. 2019. Jurnal Biologi Tropis Aplikasi Pupuk Organik dan NPK untuk Meningkatkan Pertumbuhan Vegetatif Melon (*Cucumis melo L.*). *Jurnal Biologi Tropis*, **19**(1): 19-24.
- Rosmalinda, D. 2021. Analisis Rancangan Acak Lengkap Faktorial 23 Dengan Metode Modified Maximum Likelihood (Mml). *Skripsi*. 46 hal.
- Sadil, R., Polii, B. J. V., dan Ogie, T. B. 2022. Efficiency of Some Combinations of Planting Media Against Growth And Yield of Red Lettuce Plants (*Lactuca sativa* VAR. Red Rapids). *Jurnal Agroekoteknologi Terapan*, **3**(2): 429-438.
- Sreeshan, A dan Augustine, A. 2007. Effect of Salinity on Growth Parameters and Relative Water Content in *Rhizophora mucronata* Lam. *Plant Sciences & Production*, **11**(3): 4983-4988.
- Stion, K. M., Siahaan, R., dan Baideng, E. L. 2019. Kekayaan Jenis Vegetasi Mangrove di Pantai Minanga, Kecamatan Bintauna, Kabupaten Bolaang Mongondow Utara, Sulawesi Utara. *Jurnal Pesisir Dan Laut Tropis*, **7**(2): 67-70.
- Sulviani. 2016. Kontribusi bahan organik carbon (c) pada serasah daun mangrove yang Terdapat di Kawasan Konservasi Mangrove dan Bekantan (Kkmb) Kota Tarakan. *Skripsi*. 40 hal.

- Supriyadi, A., Ramli, M., dan Abidin, L. O. B. 2021. Studi Laju Dekomposisi Serasah Daun Mangrove Terhadap Ketersediaan Detritus Mangrove Didaerah Teluk Kendari. *Jurnal Sapa Laut (Jurnal Ilmu Kelautan)*, **6**(2): 175–166.
- Taiz, L., Zeiger, E., Møller, I. M., & Murphy, A. 2018. Plant Physiology and Development (6th edition). *Annals Of Botany*, **91**(6): 750-751.
- Tong, F., Chen, P., & Zhang, X. 2023. Dissolved Inorganic Nutrient Biogeochemistry in an Urbanized Coastal Region: A Study of Dapeng Cove, Shenzhen. *Sustainability*, **15**: 1-22.
- Xing, J., Cao, X., Zhang, M., Wei, X., Zhang, J., dan Wan, X. 2023. Plant Nitrogen Availability and Crosstalk With Phytohormones Signallings And Their Biotechnology Breeding Application In Crops. *Plant Biotechnology Journal*, **21**(7): 1320–1342.
- Zayadi, S., Astuti, R. R. S., Fatimatuzzahra, Supriati, R., dan Riandini, E. 2012. Konservasi Hayati. *Jurnal Ilimiah*, **5**(1): 74–80.
- Zhao, J. 2020. Influence of Nutrient Composition And Bioactive Compounds on Stem Growth And Cell Division In Plants. *Journal of Plant Growth Regulation*, **39**(3): 1125–1136.

