

## DAFTAR PUSTAKA

- Abe, A., & Adelegan, C. A. 2019. Genetic variability, heritability and genetic advance in shrunken-2 super-sweet corn (*Zea mays* L. *saccharata*) populations. *Journal of Plant Breeding and Crop Science*, 11(4): 100-105.
- Acquaah, G. 2012. Principles of plant genetics and breeding. 2<sup>nd</sup> ed. John Wiley & Sons, West Sussex.
- Alam, M. A., Juraimi, A. S., Rafii, M. Y., Hamid, A. A., Kamal Uddin, M., Alam, M. Z., & Latif, M. A. 2014. Genetic improvement of Purslane (*Portulaca oleracea* L.) and its future prospects. *Molecular biology reports*, 41: 7395-7411.
- Alam, M. A., Juraimi, A. S., Rafii, M. Y., Hamid, A. A., Aslani, F., & Mohsin, G. M. 2014. A Comparison of Yield Potential and Cultivar Performance of 20 Collected Purslane (*Portulaca oleracea* L.) Accessions Employing Seeds vs. Stem Cuttings. *Journal of Agricultural Science and Technology*, 16(7): 1633-1648.
- Alam, A., Juraimi, A. S., Yusop, M. R., Hamid, A. A., & Hakim, A. 2014. Morphophysiological and mineral nutrient characterization of 45 collected Purslane (*Portulaca oleracea* L.) accessions. *Bragantia*, 73: 426-437.
- Aleem, S., Tahir, M., Sharif, I., Aleem, M., Najeebulah, M., Nawaz, A., Batool, A., Khan, M. I., & Arshad, W. 2021. Principal component and cluster analyses as tools in the assessment of genetic diversity for late season cauliflower genotypes. *Pakistan Journal of Agricultural Research*, 34(1): 176-183.
- Amalia, A. P., Terryana, R. T., Aswani, N., Nugroho, K., & Lestari, P. 2023. Analisis keragaman 8 varietas cabai berdasarkan karakter morfologi kualitatif dan kuantitatif. *Vegetalika*, 12(1): 21. <https://doi.org/10.22146/veg.76984>
- Aryanti, I., Bayu, E. S., & Kardhinata, E. H. 2015. Identifikasi karakteristik morfologis dan hubungan kekerabatan pada tanaman jahe (*Zingiber officinale* Rosc.) di Desa Dolok Saribu Kabupaten Simalungun. *Agroekoteknologi*, 3(3): 963-975.
- CABI Compendium. 2021. *Portulaca oleracea* (purslane). <https://www.cabidigitallibrary.org/doi/full/10.1079/cabicompendium.43609>. Diakses pada 20 Desember 2022.
- El Jack, A.E., 2004. *Portulaca oleracea* L. PROTA (Plant Resources of Tropical Africa / Ressources végétales de l'Afrique tropicale), Wageningen, Netherlands. <http://www.prota4u.org/search.asp>. Diakses pada 20 Desember 2022.
- Frades, I., & Matthiesen, R. 2010. Overview on techniques in cluster analysis. *Bioinformatics methods in clinical research*, 81-107.



- Gangadhara, K., Yadav, L. P., Rao, V. V. A., Singh, A. K., Verma, A. K., Selvakumar, R., & Jat, G. S. 2023. Genetic diversity and principal component analysis in Indian bean (*Lablab purpureus* var. *typicus* L.) genotypes under rainfed conditions of Western India. *Genetic Resources and Crop Evolution*. <https://doi.org/10.1007/s10722-023-01702-9>
- Hartati, S., & Darsana, L. 2015. Karakterisasi anggrek alam secara morfologi dalam rangka pelestarian plasma nutfah. *Jurnal Agronomi Indonesia (Indonesian Journal of Agronomy)*, 43(2): 133-139.
- Hartati, S., Samanhudi, S., & Cahyono, O. 2022. Morphological characterization of five species of *Dendrobium* native to Indonesia for parent selection. *Biodiversitas Journal of Biological Diversity*, 23(5): 2648-2654.
- Jia, S., Yan, Z., Wang, Y., Wei, Y., Xie, Z., & Zhang, F. 2017. Genetic diversity and relatedness among ornamental purslane (*Portulaca* L.) accessions unraveled by SRAP markers. *3 Biotech*, 7(4): 1-8.
- Kumar, A., Sreedharan, S., Singh, P., Achigan-Dako, E. G., & Ramchary, N. 2021. Improvement of a traditional orphan food crop, *Portulaca oleracea* L.(Purslane) using genomics for sustainable food security and climate-resilient agriculture. *Frontiers in Sustainable Food Systems*, 5: 711820.
- Maguvu, T. E., Shimizu-Yumoto, H., & Shibata, M. 2016. Difference in flower longevity and endogenous ethylene production of *Portulaca Umbraticola* cultivars. *The Horticulture Journal*, 85(1): 70-75.
- Mangoendidjojo, W. 2003. Dasar-dasar pemuliaan tanaman. Kanisius. Yogyakarta.
- Martinez, I. B, Valdes de la Cruz, M., Riera Nelson, M., & Bertin, P. 2017. Morphological characterization of traditional cacao (*Theobroma cacao* L.) plants in Cuba. *Genetic Resources and Crop Evolution*, 64(1): 73-99.
- Mohammadi, S. A., & Prasanna, B. M. 2003. Analysis of genetic diversity in crop plants salient statistical tools and considerations. *Crop science*, 43(4): 1235-1248
- Ocampo, G., & Columbus, J. T. 2012. Molecular phylogenetics, historical biogeography, and chromosome number evolution of Portulaca (*Portulacaceae*). *Molecular Phylogenetics and Evolution*, 63(1): 97-112.
- Renaldi, I. G., & Purwantoro, A. Analisis kekerabatan dan keragaman dua puluh lima Tanaman Sri Rejeki (*Aglaonema* sp) berdasarkan karakter morfologi. *Vegetalika*, 11(3): 246-252.
- Riaz, A., Iqbal, M. S., Fiaz, S., Chachar, S., Amir, R. M., & Riaz, B. 2020. Multivariate analysis of superior *Helianthus annuus* L. genotypes related to metric traits. *Sains Malaysiana*, 49(3): 461-470.



- Safitri, H., Purwoko, B. S., Dewi, I. S., & Abdullah, B. 2011. Korelasi dan sidik lintas karakter fenotipik galur-galur padi haploid ganda hasil kultivasi antera. *Widyariset*, 14(2): 296-304.
- Sari, B. P., Karno, K., & Anwar, S. 2017. Karakteristik morfologi dan sitologi tanaman Sutra Bombay (*Portulaca grandiflora* Hook) hasil poliploidisasi dengan kolkisin pada berbagai konsentrasi dan frekuensi aplikasi. *Journal of Agro Complex*, 1(2): 39-48.
- Sdouga, D., Branca, F., Kabtni, S., Di Bella, M. C., Trifi-Farah, N., & Marghali, S. 2020. Morphological traits and phenolic compounds in tunisian wild populations and cultivated varieties of *Portulaca oleracea* L. *Agronomy*, 10(7): 948.
- Setiawan, F. I. D., Aisyah, S. I., & Krisantini, K. 2016. Characterization of 13 accessions of purslane (*Portulaca* sp.) from Bogor, West Java, Indonesia. *Journal of Tropical Crop Science*, 3(3): 67-74.
- Singh, R. K. & B. D. Chaudary. 1979. *Biometrical Methods in Quantitative Genetic Analysis*. Kalyani Publishers. Ludhiana. New Delhi.
- Sivaramakrishna, P., & Yugandhar, P. 2020. A new species of the genus *Portulaca* L.(Portulacaceae) from the Eastern Ghats, India. *Journal of Asia-Pacific Biodiversity*, 13(4): 755-761.
- Srivastava, R., Srivastava, V., & Singh, A. 2021. Multipurpose benefits of an underexplored species purslane (*Portulaca oleracea* L.): a critical review. *Environmental Management*, 1-12.
- Susiarti, S. 2016. Portulaca (PROSEA). Plant Resources of South-East Asia. <[https://uses.plantnet-project.org/en/Portulaca\\_\(PROSEA\)](https://uses.plantnet-project.org/en/Portulaca_(PROSEA))> diakses pada 31 Januari 2023.
- Susilawati, M. A. D. E., Sukarsa, I. K., & Krisna, I. D. 201). Perbandingan Regresi Bertatar (*Stepwise regression*) dan Regresi Komponen Utama (RKU) dalam mengatasi multikolinearitas pada model regresi linear berganda. KNM XVI: 729-737.
- Terfa, G. N., & Gurmu, G. N. 2020. Genetic variability, heritability and genetic advance in linseed (*Linum usitatissimum* L.) genotypes for seed yield and other agronomic traits. *Oil Crop Science*, 5(3), 156–160. <https://doi.org/10.1016/j.ocsci.2020.08.002>
- Uddin, M., Juraimi, A. S., Hossain, M. S., Nahar, M., Un, A., Ali, M., & Rahman, M. M. 2014. Purslane weed (*Portulaca oleracea*): a prospective plant source of nutrition, omega-3 fatty acid, and antioxidant attributes. *The Scientific World Journal*, 2014: 1-6.
- UPOV. 2008. Guidelines for the conduct tests for distinctness, uniformity and stability; *Portulaca : Portulaca oleracea* L.



UPOV. 2020. Guidelines for the conduct tests for distinctness, uniformity and stability; Portulaca : *Portulaca grandiflora* Hook; *Portulaca oleracea* L.; *Portulaca mbraticola* Kunth.

Widarsiono, B. M., Anggraeni, L., & Damanhuri, D. 2022. Keragaman genetik dan heritabilitas karakter agronomi dan kimiawi pada 20 genotipe tomat lokal (*Solanum lycopersicum* L.). *PLANTROPICA: Journal of Agricultural Science*, 7(2): 71-81.

Wickramasinghe, P., Harrison, D. K., & Johnston, M. E. 2010. Reproductive biology and intergeneric breeding compatibility of ornamental Portulaca and Calandrinia (*Portulacaceae*). *Australian Journal of Botany*, 57(8): 697-707.

Woelan, S., Sayurandi, S., & Irwansyah, E. 2014. Keragaman Genetik Tanaman Karet (*Hevea Brasiliensis* Muell Arg) Dari Hasil Persilangan Interspesifik. *Jurnal Penelitian Karet*; 109-121.

Wohon, S. C., Hatidja, D., & Nainggolan, N. 2017. Penentuan model regresi Terbaik dengan menggunakan metode *stepwise* (Studi kasus: Impor beras di Sulawesi Utara). *Jurnal Ilmiah Sains*, 17(2): 80-88.

Yamin, S., L. A. Rachmach, H. Kurniawan. 2011. Regresi dan Korelasi dalam Genggaman Anda. Penerbit Salemba Empat. Jakarta.

Yuwono, P. D., Murti, R. H., & Basunanda, P. 2015. Studi Keragaman Genetik Dua Puluh Galur Inbred Jagung Manis Generasi S7 Morphological Genetic Variations of Twenty Sweet Corn Inbred Lines S7 Generations. *Ilmu Pertanian*, 18(3): 127-134.

Zimmerman, C. A. 1977. A comparison of breeding systems and seed physiologies in three species of *Portulaca* L. *Ecology*, 58(4): 860-868.

Zulkifli, M. S., Sari, P. L., Hardi, N. A., & Akbar, D. Karakterisasi Morfologi Pisang di Kabupaten Kampar Provinsi Riau. *Vegetalika*, 12(1): 76-90.