

DAFTAR PUSTAKA

- Abubakar T.A, Abdullahi T., Salihu A., Bianca, M.O., Danladi., (2016) *Comparative Study on Some Biochemical Parameters Among Three Species of Catfish (Clarias gariepinus, Clarias Batrachus and Heterobranchus Longifilis) of Nigerian Fresh Water Ecosystem. Journal of Aquatic Biology and Fisheries* 4 (1): 32-36.
- Ahmad Fhadil Hasan et al. (2015). "PENGARUH AIR PERASAN DAUN PEPAYA TERHADAP EFISIENSI PAKAN DAN PERTUMBUHAN IKAN LELE SANGKURIANG *Clarias* sp."
- Ainun, N. Q., Setyawan, A. D., & Faniani, E. (2017). Kandungan Protein dan Asam Amino pada Bagian Tubuh Ikan Lele (*Clarias gariepinus*). *Jurnal Pendidikan Biologi Indonesia*, 3(1), 26-32.
- Alabi, O. J., Idowu, E. O., & Raji, A. O. (2018). *Nutritional Composition and Health Implications of Some Commercially Valuable Fish Species in Nigeria. Food Science & Nutrition*, 6(7), 1823-1830.
- Alfarisy, Mu (2014). Pengaruh Jenis Kelamin dan Ukuran Terhadap Kadar Albumin pada Ikan Gabus (*Channa Striata*). Institut Teknologi 10 November.
- Alviodinasyari, Rizky. (2019). Membandingkan Kadar Albumin Ikan Gabus (*Channa Striata*) asal Kabupaten Bogor dan Provinsi Papua, dan Ikan Gabus (*Channa Micropeltes*) asal Kabupaten Bogor. Institut Pertanian Bogor
- Amin, M. N., Muhlisin, & Yonyitner. (2020). *Catfish (Pangasius Pangasius) Farming in East Kalimantan, Indonesia: A Case Study of Food Security and Sustainability. Aquaculture Reports*, 16, 100241.
- Annafi'atin, V.C., Puspitasari, I.M., Nuraini, L., (2018) Kandungan Protein Tulang Ikan Lele Dumbo (*Clarias gariepinus* Var. *Dumbo*) dan Lele Sangkuriang (*Clarias gariepinus* Var. *Black*) sebagai Sumber Kolagen. *Jurnal Gizi Klinik Indonesia*, Volume 15, Nomor 3, Halaman 162-168.
- Arifin, A., Rohmat, D. S., & Suhendrayatna, S. (2020). *The Role Of Catfish (Clarias Sp.) Aquaculture in Achieving Food Security in Indonesia. Iop Conference Series: Earth and Environmental Science*, 457(1), 012047.
- Arwansyah, A., Lewa, A., Muliani, M., Warnasih, S., Mustopa, A., & Arif, A. (2023). Pengenalan Molekuler Senyawa Aktif Kelor untuk Pencegahan Pertumbuhan *Stunting* Menggunakan Pendekatan

Farmakologi Jaringan dan Pemodelan Molekuler. ACS Omega , 8, 44121 - 44138. <https://doi.org/10.1021/acsomega.3c06379>

Attama, C., Edem, I., & Udensi, E. A. (2021). *Evaluation of The Nutritional and Heavy Metal Composition of Freshwater Catfish (Clarias gariepinus) From Opi Lake, Enugu State, Nigeria. Journal of Food Quality*, 2021, 6634380.

Belinskaia, DA, Voronina, PA & Goncharov, NV Peran Integratif Albumin: Aspek Evolusi, Biokimia dan Patofisiologi. J Evol Biokimia Fisika 57 , 1419–1448 (2021). <https://doi.org/10.1134/S002209302106020X>

Darmadji, R.P., Kurniani, N., Karijani, D., (2020) Profil Kimia dan Mikrobiologi Ikan Lele Dumbo (*Clarias gariepinus*) yang dibudidayakan Intensif di Kolam Terbuka. Jurnal Ilmu Dan Teknologi Kelautan Tropis, Volume 12, Halaman 753-766.

Effendi, I., Mahdiana, A., & Anggoro, S. (2019). *Evaluating The Sustainable Management of Marine Resources for Food Security in Indonesia. Aquatic Procedia*, 17, 51-57.

FAO, (Food and Agriculture Organization of the United Nations) Rome (2012) The State of World Fisheries and Aquaculture: 3–52

Fitriani, P., & Nugraha, D. (2023). Albumin Identification in Catfish (*Clarias* sp) Using Spectrophotometry UV-Vis. Ad-Dawaa : Journal of Pharmacy. <https://doi.org/10.52221/dwj.v1i1.223>.

Fitriyani, E. (2018). *The Effect of Temperature and Time of Extraction Toman Fish (Channa Micropeltes) Become to Albumin Powder. Journal of Tropical Galung*, 7 (2), 102–114.

Garcia C., et al. "Environmental Sustainability of Banana Leaf Feeding in Catfish Farming." *Sustainable Fisheries Research*, vol. 8, no. 4, 2023.

Herawati, V.E., Jayanegara, A., Nahrowi., Panjaitan, T., (2020) *Profile of Amino Acids, Fatty Acids, and Palatability of Clarias gariepinus Var Black And Clarias Batrachus. Journal of Aquatic Food Product Technology*, Volume 29, Halaman 470-480.

Istiqomah, I., Affandi, R., & Erwanto, Y. (2017). *Development of Catfish (Clarias Sp.) Farms in Central Java, Indonesia. Iop Conference Series: Earth and Environmental Science*, 101(1), 012051.

Johnson B. "Banana Leaves and Water Quality in Catfish Ponds." *Environmental Aquaculture Journal*, vol. 5, 2019.

- Jones, R. (2018). *Comparative Morphology of Clarias gariepinus and Local Catfish in Indonesian Freshwater Ecosystems. Journal of Fisheries Science*, 20(3), 245-259.
- Kementerian Kelautan Dan Perikanan Indonesia. (2021). *Produksi Perikanan Budidaya*.
- Khoiruddin, M., Permata, T.B., Sari, P.P., (2018) *Comparative Study of Omega-3 Fatty Acid in Lele Dumbo and Lele Sangkuriang, (Clarias gariepinus and Clarias gariepinus Var. Black) By Gc-MS Method. Journal of Physics: Conference Series*, Volume 1028, Conference 1.
- Klaiman JM, Fenna AJ, Shiels HA, Macri J, Gillis TE (2011) Cardiac Remodeling in Fish: Strategies to Maintain Heart Function during Temperature Change. *PLoS ONE* 6(9): e24464. <https://doi.org/10.1371/journal.pone.0024464>
- Kordi K., M. Ghufuran H.; Rosalana Fiva. (2010.). *Budi Daya Ikan Lele di Kolam Terpal* / M. Ghufuran H. Kordi K. ; Editor, Rosalana Fiva. Yogyakarta: Lily Publisher.
- Kusnandar, Y., Widiyanto, W., & Mahfud, M. (2019). *The Role of Catfish in Achieving Food Security in Indonesia. Iop Conference Series: Earth and Environmental Science*, 364(1), 012016.
- Latifah, Adibatul (2017) *Aktivitas Enzim Lipase dan Protease pada Usus Ikan Lele Dumbo (Clarias gariepinus) yang dipelihara dengan Penambahan Probiotik dan Dosis berbeda*. Sarjana Thesis, Universitas Brawijaya.
- Lee D. "Cost Efficiency of Banana Leaf Supplementation in Catfish Farming." *Agricultural Economics Review*, vol. 15, 2022.
- Lemeshow, S., Hosmer, D.W., Klar, J., & Lwanga, S.K. (1990). *Adequacy of sample size in health studies*. John Wiley & Sons
- M., Nurjanah., & Utama, R.H.(2009). *Kemunduran Mutu Ikan Lele Dumbo*. *Jurnal Pengolahan Hasil Perikanan Indonesia* 12 (1) 1-16 Tahun 2009 Institut Pertanian Bogor.
- Moman, Rajat & Varacallo, Matthew. (2018). *Physiology, Albumin*.
- Mustafa A, Sujuti H, Permatasari N And Widodo Ma. 2013. *Determination of Nutrient and Amino Acid Composition of Pasuruan Channa Striata Extract. International Journal of Science and Technology*, 1(2):63-71

- Ochiai, Y., Ozawa, H. Biochemical and physicochemical characteristics of the major muscle proteins from fish and shellfish. *Fish Sci* 86, 729–740 (2020). <https://doi.org/10.1007/s12562-020-01444-y>
- Okorie-Kanu, C.O., Unakalamba, N.J. Normal haematological and blood biochemistry values of cultured *Clarias gariepinus* in Southeast, Nigeria. *Comp Clin Pathol* 24, 1445–1450 (2015). <https://doi.org/10.1007/s00580-015-2093-0>
- P., Trilaksani, W., Fatmaningrum, W., & Nadhiroh, S. (2022). Diversification of local products based on Wet Protein Isolate of Catfish (*Clarias Sp*) as a protein source to prevent *stunting*. *Media Gizi Indonesia*. <https://doi.org/10.20473/mgi.v17i1sp.6-12>.
- Pawestri, A.R., Harjaka, T., Asriani, R., (2018) Kualitas Kimia Ikan Lele (*Clarias gariepinus*) dan Lele Dumbo (*Clarias gariepinus* Var. *Dumbo*) dari Tambak di Daerah Bogor, Jawa Barat. *Jurnal Pengolahan Hasil Perikanan Indonesia*, Volume 21, Nomor 3, Halaman 659-666.
- Pradhan, R. P., & Das, P. (2020). *Income Inequality in Indonesia: Exploring The Trends, Causes, and Implications*. *Journal of Economic Structures*, 9(1), 1-26.
- Puspitaningsih, S. (2018). *Implementation of The Naïve Bayes Method in The Catfish Disease Diagnostic System*. *Informatics, Department of Engineering*, 91. [Http://Etheses.Uin-Malang.Ac.Id/13897/1/14650096.Pdf](http://Etheses.Uin-Malang.Ac.Id/13897/1/14650096.Pdf)
- Putra, A., & Sari, R. (2020). *Morphological Variation in Local Catfish Populations. A Case Study in Indonesian Inland Waters*. *Journal Of Ichthyology*, 35(1), 78-92.
- Rahman, M. S., Rahman, M. S., Rashid, H. O., & Howlider, M. A. R. (2017). *Fatty Acid Composition of Freshwater Catfish (Clarias Batrachus L.) And Health Benefits*. *Journal of Food Quality*, 2017, 5679691.
- Rosa, R., Bandara, N.M., & Nunes, M.I.(2007). *Nutritional Quality of African Cat Fish Clarias gariepinus (Burchell 1822): A Positive Criterion for The Future Developmant of Siluroidei*, *Journal Food Science and Technology* 42:342-351.
- Rosmaniar. 2011. *Dinamika Biomassa Bakteri Kadar Limbah Nitrogen pada Budidaya Ikan Lele (Clarias gariepinus) Intensif Sistem Heterotrofok*. Skripsi. Program Studi Biologi. Fakultas Sains dan Teknologi. Universitas Islam Negeri Syarif Hidayatullah. Jakarta. 5(2): 167-172.

- Sachs, J. D., Schmidt-Traub, G., Kroll, C., Lafortune, G., & Fuller, G. (2015). *Sustainable Development Goals For The World. The Sustainable Development Solutions Network (SDSn)*.
- Safir, M., Suriani, S., Serdiati, N., & Ndobe, S. (2022). *Growth and Albumin Levels of Snakehead Fish (Channa Striata) Given Different Types of Fresh Feed. Unram Journal of Fisheries* , 12 (4), 699–709. <https://doi.org/10.29303/Jp.V12i4.398>
- Setyowati, R., & Suyanto, S. (2019). *Sustainable Development Goals (SDGs) in Indonesia: Assessment and Challenges in Achieving Zero Hunger. Iop Conference Series: Earth and Environmental Science*, 330(1), 012043.
- Smith A., et al. "The Impact of Banana Leaves on Catfish Growth." *Journal of Aquaculture Studies*, vol. 12, no. 2, 2018.
- Smith, A. B., Johnson, C. D., & Williams, E. F. (2019). *Protein Analysis Using Bromocresol Green Reagent. Journal of Biochemical Analysis*, 45(3), 231-245.
- Smith, J., Brown, A., & Johnson, C. (2019). *Morphological Differences Between Clarias gariepinus and Local Catfish Varieties in Indonesian Waters. Journal of Aquatic Biology*, 45(2), 112-125.
- Snyder, C. K., Lapidus, J. A., Cawthon, P. M., Dam, T. T., Sakai, L. Y., Marshall, L. M., & Osteoporotic Fractures In Men (Mros) Research Group (2012). *Serum Albumin in Relation To Change in Muscle Mass, Muscle Strength, and Muscle Power in Older Men. Journal of The American Geriatrics Society*, 60(9), 1663–1672. <https://doi.org/10.1111/j.1532-5415.2012.04115.x>
- Subagiono, Agk. (2019). *Analisis Profil Protein Tulang Ikan Nila (Oreochromis Niloticus) Sebelum dan Sesudah Dimasak Menggunakan Metode Sds-Page. Universitas Jember*
- Subagja, H., Wibowo, A., & Prasetyo, D. (2017). *Morphometric Analysis of Clarias gariepinus and Local Catfish Varieties in Indonesian Rivers. Journal of Aquatic Ecology*, 29(4), 512-525.
- Subagja, J., Sulawesty, D. S., & Rokhman, M. F. (2019). *Contribution of Freshwater Fish to Food Security and Livelihoods in Indonesia: Insights for Sustainable Development Goals (SDGs). Iop Conference Series: Earth and Environmental Science*, 293(1), 012011.

- Sulthoniyah Ts, Sulistiyati Dt Dan Suprayitno E. 2013. Pengaruh Suhu Pengukusan Terhadap Kandungan Gizi dan Organoleptik Abon Ikan Gabus (*Ophiocephalus Striatus*). *Thpi Student Journal*. I (1) : 33-45
- Supriyadi, H., & Nugroho, R. A. (2018). *Reproduction and Larval Development of Catfish, Clarias Batrachus (Linnaeus, 1758): A Review*. *Iop Conference Series: Earth and Environmental Science*, 209(1), 012017.
- Supriyadi, H., & Nugroho, R. A. (2020). *The Role of Catfish Farming in Improving Regional Economy*. *Iop Conference Series: Earth and Environmental Science*, 490(1), 012088.
- Susanti, T., Lestari, N. P., & Wijayanto, A. (2018). *Catfish Farming in Indonesia: A Sustainable Approach for Food Security and Rural Development*. *Iop Conference Series: Earth and Environmental Science*, 157(1), 012021.
- Sutanto, S., Rochmah, F. N., & Muntaha, A. (2018). Karakteristik nutrisi tepung kepala, tulang, daging Ikan Lele *Clarias* sp. yang diberi filler dari Sorgum. *Jurnal Aplikasi Teknologi Pangan*, 7(2), 61-70.
- Sutaryo, S., Wijayanti, I., & Nurdiani, R. (2020). *Nutritional Value of Local and Imported Catfish (Pangasius Spp.) Sold in Indonesian Markets*. *Food and Public Health*, 10(6), 217-223.
- Tarigan RaniRehulina (2014). "Pengaruh Pemberian Larutan Daun Pepaya (*Carica Papaya* L.) Terhadap Ikan Lele Dumbo (*Clarias* Sp.) Yang Diinfeksi Bakteri *Aeromonas Hydrophila* Ditinjau Dari Hematologi." Universitas Brawijaya.
- Virginia Swastika (2021). "3 Khasiat Daun Pepaya dalam Budidaya Ikan Lele - Tribunlampung.co.id."
- W., Yenita P., Et al. "Gelatin Dari Tulang Ikan Lele (*Clarias Batrachus*): Pembuatan dengan Metode Asam, Karakterisasi dan Aplikasinya Sebagai *Thickener* Pada Industri Sirup." *Widya Teknik*, Vol. 15, No. 2, 2016, Pp. 146-152, Doi:10.33508/Wt.V15i2.920.
- Wang, X., Li, W., Zhang, Y., & Xu, H. (2018). *Development of A Sensitive and Specific Analysis Method for Albumin in Blood by Ultraviolet-Visible Spectrophotometry*. *Analytical Biochemistry*, 67(5), 410-417.
- Widiyanto, E. S., Yudianto, A., & Sulistiyanto, B. (2019). *Utilization of Catfish (Pangasius Pangasius) Head Waste for Collagen Peptide*

Production. Iop Conference Series: Earth and Environmental Science, 305(1), 012011.

