

DAFTAR PUSTAKA

- Amberg, J.J., Jensen, N.R., Erickson, R.A., Sauey, B. & Jackson, C., 2018. Profiles of Digestive Enzymes of Two Competing Planktivores, Silver Carp And Gizzard Shad, Differ. *Ichthyological Research*, 65(2), pp.245–251.
- Asnawi, I., Natsir, H. & Hariani, N., 2014. Eksplorasi Mikroba Penghasil Enzim Lipolitik pada Sumber Air Panas Lemo Susu, Pinrang, Sulawesi Selatan. *1st International Conference on Science*, 1(1), pp.1–6.
- Bkhairia, I., Ben, H., Ktari, N., Miled, N., Nasri, M. & Ghorbel, S., 2016. Biochemical and Molecular Characterisation of a New Alkaline Trypsin from *Liza aurata*: Structural Features Explaining Thermal Stability. *Food Chemistry*, 196, pp.1346–1354.
- Candioto, F.B., Freitas-Júnior, A.C.V., Neri, R.C.A., Bezerra, R.S., Rodrigues, R. V., Sampaio, L.A. & Tesser, M.B., 2018. Characterization of Digestive Enzymes from Captive Brazilian Flounder *Paralichthys orbignyanus*. *Brazilian Journal of Biology*, 78(2), pp.281–288.
- Faizah, M., 2017. Pengaruh Suhu dan pH Terhadap Aktivitas Enzim Protease *Bacillus subtilis* dari Daun Kenikir (*Cosmos sulphureus*) yang Ditumbuhkan Dalam Media Campuran Limbah Cair Tahu dan Dedak. *Skripsi*. Universitas Islam Negeri Maulana Malik Ibrahim Malang.
- Finchain, 2000. *Enamel*. Oxfordshire: Taylor & Francis.
- Haard, N.F. & Simpson, B.K., 2000. *Seafood Enzymes: Utilization and Influence On Postharvest Seafood Quality*. New York: Marcel Dekker.
- Handajani, H., 2012. Optimalisasi Substitusi Tepung Azolla Terfermentasi Pada Pakan Ikan Untuk Meningkatkan Produktivitas Ikan Nila Gift. *Jurnal Teknik Industri*, 12(2), p.177.
- John, M., Finley, J.W., Hurst, W.J. & Lee, C., 2018. *Principles of biochemistry. Biochemical Education*, Cham: Springer International Publishing.
- Khaled, H. Ben, Ghorbel-Bellaaj, O., Hmidet, N., Jellouli, K., Ali, N.E.H., Ghorbel, S. & Nasri, M., 2011. A Novel Aspartic Protease From The Viscera of Sardinelle (*Sardinella aurita*): Purification and characterisation. *Food Chemistry*, 128(4), pp.847–853.
- Khandagale, A.S., Mundodi, L., Kunhanna Sarojini, B. & Ajay Khandagale, C.S., 2017. Isolation and Characterization of Trypsin From Fish Viscera of Oil Sardine (*Sardinella longiceps*). *International Journal of Fisheries and Aquatic Studies*, 5(2), pp.33–37.
- Khangembam, B.K. & Chakrabarti, R., 2015. Trypsin from The Digestive System of Carp *Cirrhinus mrigala*: Purification, Characterization And Its Potential Application. *Food Chemistry*, 175, pp.386–394.

- Kihara, M., 2015. Temperature and pH Dependency Of Pepsin Activity In The Gastric Juice of Farmed Pacific Bluefin Tuna *Thunnus orientalis*. *Aquaculture Science*, 63(4), pp.459–461.
- Kumaunang, M. & Tabaga, A., 2011. Amobilisasi Enzim Bromelin Yang Diisolasi Dari Batang Nanas Dengan menggunakan Karagenan. *Chemical Progress*, 4(2), pp.85–88.
- Kurniawati, L., Kusdiyantini, E. & Wijanarka, 2019. Pengaruh Variasi Suhu dan Waktu Inkubasi Terhadap Aktivitas Enzim Selulase dari Bakteri *Serratia marcescens*. *Jurnal Akademika Biologi*, 8(1), pp.1–9.
- Larassagita, A.F., Hana & Susilo, U., 2018. Aktivitas Tripsin-Like Dan Kimotripsin-Like Pada Ikan Sidat Tropik *Anguilla bicolor* McClelland. *Scripta Biologica*, 5(1), pp.55–60.
- Liu, C.H., Shiu, Y.L. & Hsu, J.L., 2012. Purification and Characterization of Trypsin From The Pyloric Ceca of Orange-Spotted Grouper, *Epinephelus coioides*. *Fish Physiology and Biochemistry*, 38(3), pp.837–848.
- Lowry, O.H. & Randall, R.J., 1951. Protein Measurement by the Folin Reagent. *the Journal of Biological Chemistry*, 193(1), pp.265–275.
- Muchtadi, D., 2013. Nutrifikasi Pangan: Nutrifikasi Protein (Bagian 1). In: *Universitas Terbuka*. UT Press. pp.1–41.
- Murashita, K., Furuita, H., Matsunari, H., Yamamoto, T., Awaji, M., Nomura, K., Nagao, J. & Tanaka, H., 2013. Partial Characterization And Ontogenetic Development of Pancreatic Digestive Enzymes In Japanese Eel *Anguilla japonica* larvae. *Fish Physiology and Biochemistry*, 39(4), pp.895–905.
- Nafsiyah, I., Nurilmala, M. & Abdullah, A., 2018. Komposisi Nutrisi Ikan Sidat *Anguilla bicolor bicolor* dan *Anguilla marmorata*. *Jphpi*, 21(3), pp.504–512.
- Namjou, F., Yeganeh, S., Madani, R. & Ouraji, H., 2019. Extraction, Purification, and Characterization of Trypsin Obtained From The Digestive System Of Yellowfin Seabream (*Acanthopagrus latus*). *Archives of Razi Institute*, 74(4), pp.405–411.
- Nawir, F., Utomo, N.B.P. & Budiardi, T., 2015. Pertumbuhan Ikan Sidat yang Diberi Kadar Protein dan Rasio Energi Protein Pakan Berbeda. *Akuakultur Indonesia*, 14(2), pp.128–134.
- Nelson, R.W. & Couto, C.G., 2020. *Small Animal Internal Medicine*. 6th ed. Missouri: Elsevier.
- Noviyanti, T. & Ardiningsih, P., 2013. Pengaruh Temperatur Terhadap Aktivitas Enzim Protease Dari Daun Sansakng (*Pycnarrhena cauliflora* Diels). *Jurnal Kimia Khatulistiwa*, [online] 1(1), pp.1–6.
- Pasaribu, E., Nurhayati, T. & Nurilmala, M., 2018. Ekstraksi dan Karakterisasi Enzim Pepsin dari Lambung Ikan Tuna (*Thunnus albacares*). *Jurnal Pengolahan Hasil Perikanan Indonesia*, 21(3), pp.486–496.

- Ramli, 2015. Menentukan Dosis Silase Jeroan Ikan Hiu (*Rhizoprionodon* sp.) Dalam Formula Pakan Ikan Lele Dumbo (*Clarias gariepinus*). *Samakia: Jurnal Ilmu Perikanan*, 6(2), pp.80–90.
- Rick, W., 1974. Trypsin. *Methods of Enzymatic Analysis*, 2(1), pp.1013–1024.
- Rungruangsak, K. & Utne, F., 1981. Effect of Different Acidified Wet Feeds On Protease Activities In The Digestive Tract And On Growth Rate of Rainbow Trout (*Salmo gairdneri* Richardson). *Aquaculture*, 22(C), pp.67–79.
- Smith, C., Marks, A.D. & Lieberman, M., 2013. *Marks' basic medical biochemistry : a clinical approach. Basic medical biochemistry*, .
- Sonia, N.M.O. & Kusnadi, J., 2015. Isolasi Dan Karakterisasi Parsial Enzim Selulase Dari Isolat Bakteri Os-16 Asal Padang Pasir Tengger-Bromo. *Jurnal Pangan dan Agroindustri*, 3(4), pp.11–19.
- Sugianti, Y. & Saepulloh, H., 2011. Keragaan Alat Tangkap Ikan Dan Pengaruhnya Terhadap Sumberdaya Ikan Sidat (*Anguilla* spp.). *Prosiding Forum Nasional Pemacuan Sumber Daya Ikan III*, 3(1), pp.1–7.
- Triyanto, Affandi, R. & Haryani, G.S., 2019. Analisis Rapfish dalam Penyusunan Kebijakan Pengelolaan Penangkapan Glass Eel (*Anguilla* Spp.) Di Muara Sungai Cimandiri, Jawa Barat. *Risalah Kebijakan Pertanian dan Lingkungan*, 6(2), pp.92–107.
- Vannabun, A., Ketnawa, S., Phongthai, S., Benjakul, S. & Rawdkuen, S., 2014. Characterization of Acid And Alkaline Proteases From Viscera Of Farmed Giant Catfish. *Food Bioscience*, 6(1), pp.9–16.
- Volkoff, H. & Rønnestad, I., 2020. Effects of Temperature On Feeding And Digestive Processes In Fish. *Temperature*, 7(4), pp.307–320.
- Wald, M., Rehbein, H., Beermann, C., Bußmann, B. & Schwarz, K., 2016. Purification and Characterization Of Pepsinogen And Pepsin From The Stomach Of Rainbow Trout (*Oncorhynchus mykiss*). *European Food Research and Technology*, 1(1), pp.1–11.
- Wu, T., Sun, L.C., Du, C.H., Cai, Q.F., Zhang, Q.B., Su, W.J. & Cao, M.J., 2009. Identification of Pepsinogens And Pepsins From The Stomach of European eel (*Anguilla anguilla*). *Food Chemistry*, 115(1), pp.137–142.
- Xiong, D.M., Xie, C.X., Zhang, H.J. & Liu, H.P., 2011. Digestive Enzymes Along Digestive Tract Of A Carnivorous Fish *Glyptosternum maculatum* (Sisoridae , Siluriformes). *Animal Physiology and Animal Nutrition*, 95, pp.56–64.
- Yang, H., Liu, L., Li, J., Chen, J. & Du, G., 2015. Rational Design to Improve Protein Thermostability: Recent Advances and Prospects. *ChemBioEng Reviews*, 2(2), pp.87–94.