

## DAFTAR PUSTAKA

- Agustono, Lokapirnasari, W.P., Lamid, M., and Al-Arif, M.A., 2017. Pengantar Praktikum Nutrisi Ikan.
- Akhter, N., Wu, B., Memon, A.M., and Mohsin, M., 2015. Probiotics and prebiotics associated with aquaculture: A review. *Fish and Shellfish Immunology*.
- Arifin, O.Z. and Kurniasih, T., 2007. Variasi genetik tiga populasi ikan nila (*Oreochromis niloticus*) berdasarkan polimorfisme mtDNA. *Jurnal Ristek Akuakultur*, 2 (1), 67–75.
- Carpenter, K.E. and Niem, V.H., 2001. FAO species identification guide for fishery purposes. The living marine resources of the Western Central Pacific. Volume 5. Bony fishes part 3 (Menidae to Pomacentridae). FAO Species Identification Guide for Fishery Purposes. Rome: Food and Agriculture Organization of The United Nations.
- Dawood, M.A.O. and Koshio, S., 2016. Recent advances in the role of probiotics and prebiotics in carp aquaculture: A review. *Aquaculture*.
- Dunz, A.R. and Schliewen, U.K., 2013. Molecular phylogeny and revised classification of the haplotilapiine cichlid fishes formerly referred to as 'Tilapia'. *Molecular Phylogenetics and Evolution*, 68 (1), 64–80.
- El-Sayed, A.-F.M., 2006. *Tilapia Culture*. CABI Publishing.
- Food and Agriculture Organization of the United Nations, 2017. Nile Tilapia - Nutritional requirements [online]. Aquaculture Feed and Fertilizer Resource Information System. Available from: <http://www.fao.org/fishery/affris/species-profiles/nile-tilapia/nutritional-requirements/en/> [Accessed 15 Dec 2017].
- Grosell, M., Farrell, A.P., and Brauner, C.J., eds., 2010. *The multifunctional gut of fish*. London: Academic Press.
- Gunadi, B., Lamanto, and Robiosalmi, A., 2016. Analisa pertumbuhan benih ikan nila srikandi (*Oreochromis aureus x niloticus*) pada pemeliharaan di kolam tembok dan kolam tanah di air tawar. *Prosiding Forum Inovasi Teknologi Akuakultur*, 407–414.
- Halver, J.T. and Hardy, R.W., eds., 2002. *Fish Nutrition (Third Edition)*. Academic Press.
- Helfman, G., Collette, B.B., Facey, D.E., and Bowen, B.W., 2009. *The Diversity of Fishes: Biology, Evolution, and Ecology*, 2nd Edition. Wiley-Blackwell.

- Kim, S., Thiessen, P.A., Bolton, E.E., Chen, J., Fu, G., Gindulyte, A., Han, L., He, J., He, S., Shoemaker, B.A., Wang, J., Yu, B., Zhang, J., and Bryant, S.H., 2016. PubChem substance and compound databases. *Nucleic Acids Research*, 44 (D1), D1202–D1213.
- Kuo, T.M., VanMiddlesworth, J.F., and Wolf, W.J., 1988. Content of raffinose oligosaccharides and sucrose in various plant seeds. *Journal of Agricultural and Food Chemistry*, 36 (1), 32–36.
- Kurniati, S.A. and Jumanto, 2017. Strategi Pengembangan Usaha Ikan Nila di Kabupaten Kuantan Singingi Propinsi Riau. *Jurnal Agribisnis*, 19 (1), 13–25.
- Lokapirnasari, W.P., Dewi, A.R., Fathinah, A., Hidanah, S., Harijani, N., Soeharsono, Karimah, B., and Andriani, A.D., 2017. Effect of probiotic supplementation on organic feed to alternative antibiotic growth promoter on production performance and economics analysis of quail. *Veterinary World*, 10 (12), 1508–1514.
- Lokapirnasari, W.P., Hidanah, S., Suharsono, Fathinah, A., Dewi, A.R., Andriani, A.D., Karimah, B., Nurhajati, T., Soepranianondo, K., and Lamid, M., 2018. Potency of Probiotics on HDL, LDL, Cholesterol and Total Protein of Egg's Quail (*Coturnix coturnix japonica*). *Journal of Applied Environmental and Biological Science*, 8 (1), 65–69.
- Macfarlane, G.T., Steed, H., and Macfarlane, S., 2008. Bacterial metabolism and health-related effects of galacto-oligosaccharides and other prebiotics. *Journal of Applied Microbiology*.
- Marlida, R., 2014. Kajian Kinerja Pertumbuhan dan Status Kesehatan Ikan Kerapu Bebek (*Cromileptes altivelis*) yang Diberi Pakan Mengandung Berbagai Sinbiotik. Institut Pertanian Bogor.
- Perschbacher, P.W. and Stickmeyer, R.R., eds., 2017. *Tilapia in Intensive Co-culture*. Chichester: John Wiley & Sons Ltd.
- Pontis, H.G., 2017. *Methods for Analysis of Carbohydrate Metabolism in Photosynthetic Organisms*. Elsevier Inc.
- Pusat Data Statistik dan Informasi Kementerian Kelautan dan Perikanan, 2015. *Kelautan Dan Perikanan Dalam Angka 2015*. Jakarta.
- Putra, A.N., 2010. Kajian Probiotik, Prebiotik dan Sinbiotik untuk meningkatkan kinerja pertumbuhan ikan nila (*Oreochromis niloticus*). Institut Pertanian Bogor.
- Putra, N.S.S.U., Lapong, I., Rimmer, M. a., Raharjo, S., and Dhand, N.K., 2013. Comparative Performance of Four Strains of Nile Tilapia (*Oreochromis niloticus*) in Brackish Water Ponds in Indonesia. *Journal of Applied*

- Aquaculture, 25 (4), 293–307.
- Reece, J.B., Urry, L.A., Meyers, N., Cain, M.L., Wasserman, S.A., Minorsky, P. V., Jackson, R.B., and Cooke, B.N., 2015. Campbell Biology Tenth Edition. Pearson.
- Roberts, R.J., ed., 2012. Fish Pathology: Fourth Edition. Wiley-Blackwell.
- Rochdianto, A., 2015. Mengenal Ikan Nila Unggul Dari Masa Ke Masa [online]. Materi Penyuluhan Spesifik Lokasi. Available from: <http://mfcepusluh.bpsdmkp.kkp.go.id/html/index.php?id=artikel&kode=260> [Accessed 3 Dec 2017].
- Rodwell, V., Weil, P.A., Botham, K.M., Bender, D., and Kennelly, P.J., 2015. Harper's Illustrated Biochemistry 30th Edition. McGraw-Hill Education.
- Roque, B.M., Appuhamy, J.A.D.R.N., and Kebreab, E., 2017. Role of exogenous enzyme supplementation to improve nutrition and health of ruminants [online]. Broadening Horizons. Available from: <http://www.feedipedia.org/content/role-exogenous-enzyme-supplementation-improve-nutrition-and-health-ruminants> [Accessed 25 Dec 2017].
- Ross, R. and Preedy, V., 2016. Probiotics, prebiotics, and synbiotics: Bioactive Foods in Health Promotion. Advances in biochemical engineering/biotechnology. Academic Press.
- Santos, J.F., Soares, K.L.S., Assis, C.R.D., Guerra, C.A.M., Lemos, D., Carvalho, L.B., and Bezerra, R.S., 2016. Digestive enzyme activity in the intestine of Nile tilapia (*Oreochromis niloticus* L.) under pond and cage farming systems. Fish Physiology and Biochemistry, 42 (5), 1259–1274.
- Schrezenmeir, J. and Vrese, M., 2001. Probiotics, prebiotics, and synbiotics--approaching a definition. The American journal of clinical nutrition, 73 (2 Suppl), 361S–364S.
- Setiawati, J.E., Adiputra, Y., and Hudaidah, S., 2013. Pengaruh penambahan probiotik pada pakan dengan dosis berbeda terhadap pertumbuhan, kelulushidupan, efisiensi pakan dan retensi protein ikan patin (*Pangasius hypophthalmus*). E-Jurnal Rekayasa Dan Teknologi Budidaya Perairan, 1 (2), 151–162.
- Shiau, S.-Y., 2002. Tilapia, *Oreochromis* spp. In: C.D. Webster and C. Lim, eds. Nutrient requirements and feeding of finfish for aquaculture. CABI Publishing, 273–292.
- Standar Nasional Indonesia, 2006. SNI 01-7242-2006: Pakan buatan untuk ikan nila (*Oreochromis* spp) pada budidaya intensif. Badan Standardisasi Nasional.

- Subasinghe, R., 2017. World Aquaculture 2015: a brief overview. Rome.
- Vrese, M. and Schrezenmeir, J., 2008. Probiotics, Prebiotics, and Synbiotics. In: U. Stahl, U.E.B. Donalies, and E. Nevoight, eds. Food Biotechnology. Advances in Biochemical Engineering/Biotechnology. Berlin: Springer-Verlag, 1–66.
- Wang, X., Sun, Y., Wang, L., Li, X., Qu, K., and Xu, Y., 2017. Synbiotic dietary supplement affects growth, immune responses and intestinal microbiota of *Apostichopus japonicus*. Fish and Shellfish Immunology, 68, 232–242.