

DATAR PUSTAKA

- Agbideye, F., Ofuya, T., & Akindele, S. 2009. Marketability and Nutritional Qualities of Some Edible Forest Insects in Benue State, Nigeria. *Pakistan Journal of Nutrition*. 8(7): 917-922.
- Allen, V. J., Marsdem, I. D., Ragg, N. L. C Gieseck, S. 2006. The Effect of Teactile Stimulant on Feeding Growth, Behaviour and Meat Quality of Cultured Black Food Abalone, *Haliotis Iris*. *Aquaculture* 257: 294-308.
- Association of Official Analytical and Chemistry. 2007. Official Methods of Analysis. 18thed. Marylan: Association of Official Analytical Chemists Inc.
- Asrifan, A., Muhammadiyah, U., Rappang, S., Al, U., Mandar, A., & Cardoso, L. M. (2023). *Proceeding Book : VOLUME 1 Number 2 MBIC 2023 Universitas Bosowa* (Vol. 1, Issue 2).
- Ayu, C., Gede, I. W., Karang, A., Luh, N., & Ria, P. (2019). *Efek Pemberian Jenis Pakan yang Berbeda terhadap Pertumbuhan Abalon (Haliotis squamata) di Pantai Geger , Bali*. 2(1), 17–22.
- Ayu, D., Pebriani, A., & Wija, I. K. 2019. Tingkat Kematangan Gonad dan Fekunditas Abalon (*Haliotis squamata*). 98, 94–98.
- Bachry, S., Solihin, D. D., Gustiano, R. 2019. Morphometric Character and Morphology of Abalone *Haliotis squamata* Reeve 1864 in Coastal Southern Java and Bali. *Jurnal Ilmu dan Teknologi Kelautan Tropis*. Vol 11(2); 273-284.
- Bansemer, M. S., Qin, J. G., Harris, J. O., Duong, D. N., Hoang, T. H., Howarth, G. S., & Stone, D. A. J. 2015. Growth and feed utilisation of greenlip abalone (*Haliotis laevigata*) fed nutrient enriched macroalgae. *Aquaculture*. <https://doi.org/10.1016/j.aquaculture.2015.10.025>
- Batauga, S. D., Ode, L., Arsal, M., Pratikino, A. G., Ode, L., Mastu, K., Muchtar, A. S., Perairan, M. S., Universitas, F., & Oleo, H. 2024. *Studi Kelayakan Lahan Budidaya Abalone (Mata Tujuh) di Kecamatan*. 4, 8165–8179.
- Bautista-Teruel , M. N & Millamena, O. M. 1999. Diet Development and Evaluation for Juvenile Abalone, *Haliotis asinina*: Protein/ Energy Level. *Journal of Aquaculture*. 178: 117-126.
- Bautista-Teruel, M. N., Koshio, S. S., & Ishikawa, M. 2011. Diet development and evaluation for juvenile abalone, *Haliotis asinina* Linne: Lipid and essential fatty acid levels. *Aquaculture*, 312, 172–179
- Bilbao, A., I. Uriarte., M. D. P. Viera., B. Soza., H. F. Palacios., and C. M. H. Cruz. 2012. Effect of Macroalgae Protein Levels on Some Reproductive Aspects and Physiological

- Parameters for the Abalone, *Haliotis tuberculata coccinea* (Reeve 1846). *Journal of the World Aquaculture Society*. 43 (6): 764-777.
- Dubois, M., Gilles, K.A., Hamilton, J.K., Pt, Rebers, Smith, F., 1956. Colorimetric method for determination of sugars and related substances. *Anal. Chem.* 28, 350–356
- Bullon, N., Seyfoddin, A., and Alfaro, A. C. 2021. The Role of Aquafeeds in Abalone Nutrition and Health: A Comprehensive Review. *Journal of World Aquaculture Society*. 54:7-31.
- Capinpin, E. C., Encena, V.C., and Bayona, N. C. 1998. Studies on the Reproductive Biology of the Donkey's ear abalone, *Haliotis asinina* Linne. *Journal of Aquaculture*. 166:141-150.
- Chansela, P., Saitongdee, P., Stewart, P., Soonklang, N., Stewart, M., Suphamungmee, W., Poomtong, T., & Sobhon, P. 2008. Existence of APGWamide in the testis and its induction of spermiation in *Haliotis asinina* Linnaeus. 279, 142–149. <https://doi.org/10.1016/j.aquaculture.2008.03.058>
- Clark, G. 1981. Staining Procedures. Fourth Edition. Unites States of America
- Cook, P. A. 2019. Worldwide Abalone Production Statistics. *Journal of Shellfish Research*. 38(2):401-404.
- Daniarsih, A., Solihin, D.D., Gustiano, R. 2018. Karakter Biometrik dan Variasi Fenotip Abalon (*Haliotis asinina*) di Perairan Wilayah Barat dan Timur Indonesia. *Proceeding of Biology Education*. 2(1), 1-8.
- Dubois, M., Gilles, K.A., Hamilton, J.K., Pt, Rebers, Smith, F., 1956. Colorimetric method for determination of sugars and related substances. *Anal. Chem.* 28, 350–356
- Effendie. 1997. Biologi Perikanan. Yayasan Pustaka Nusatama. Yogyakarta.163 hal.
- Elliot J.M. (1976) Energy losses in the waste products of brown trout (*Salmo trutta* L). *Journal of Animal Ecology*. 45. 561-580
- Fleming. 1996. Does Food Availability Influence Consumption In : Hone, P (Ed) Proceedings oof the 3 rd Annual Abalone Aquaculture Workshop, July, 1998, Hobart, Tasmania. Fisheries Research and Development Corporation. 75-86.
- Gaspersz, V. 1995. Metode Rancangan Percobaan untuk Ilmu-Ilmu Pertanian, Teknik dan Biologi. CV. Armico Bandung.
- Grandiosa, R., Merien, F., Young, T., Nguyen, T. V., Gutierrez, N., Kitundu, E., and Alfaro, A. C. 2018. Multi-strain Probiotics Enhance Immune Responsiveness and Alters Metabolic Profiles in the New Zealand Black-Footes Abalone (*Haliotis iris*). *Journal of Fish & Shellfish Immunology*. Vol 82. 330-338

- Hamzah, M. S., Dwiono, S. A. P., Hafid, S. 2012. Pertumbuhan dan Kelangsungan Hidup Anak Siput Abalon Tropis *Haliotis asinina* dalam Bak Beton pada Kepadatan Berbeda. *Jurnal Ilmu dan Teknologi Kelautan Tropis*. Vol 4 (2). Hal 191-197.
- Ishak, E., Effendy, I. J., Pranoto, M. 2012. Pengaruh Padat Penebaran Terhadap Waktu Kematangan Gonad Induk Abalon, *Haliotis squamata* di Hatchery. *Jurnal Aqua Hayati*. 9(1): 13-21.
- Iskandar, A., Jannar, AB., Sujangka, A., Muslim. 2022. Teknologi Pembenihan Abalon *Haliotis squamata* Untuk Meningkatkan Produksi Budidaya Secara Berkelanjutan. *Jurnal Ilmu Perikanan*. Vol 13 (1), 17-31.
- Istanti I. 2005. Pengaruh Lama Penyimpanan terhadap Karakteristik Kerupuk Ikan SapuSapu (*Hyposarcus pardalis*). Skripsi. Program Studi Teknologi Hasil Perikanan. Fakultas Perikanan. Institut Pertanian Bogor. Bogor.
- Jaeckle, W. B. and D.T. Manahan.1989a. Growth and energy balance during the development of a lecithotrophic molluscan larva (*H. rufescens*). *Biol Bull*. 177 : 237- 246.
- Jaeckle, W. B. and D.T. Manahan.1989b. Feeding by a “nonfeeding” larva: uptake of dissolved amino acids from seawater by lecithotrophic larvae of the gastropod *Haliotis rufescens*. *Mar. Biol*. 103 : 87-94
- Kawarazuka, N., & Béné, C. 2015. *security : An overview Linking small-scale fisheries and aquaculture to household nutritional security : an overview*. December 2010. <https://doi.org/10.1007/s12571-010-0079-y>
- Kurnia, U. N. 2008. Keberhasilan Rekrutmen Larva Abalon Tropis (*Haliotis asinina*) Pada Substrat Yang Berbeda. Skripsi. Biologi. Fakultas Matematika dan Ilmu Pengetahuan Alam. Universitas Hasannudin. Makassar. Hal 10-11.
- Kusuma, H. B., Abadi, A. S. 2020. Efektifitas Lama Penyinaran Laserpunktur pada Perkembangan Gonad Abalon (*Haliotis squamata*) Jantan. *Jurnal Airaha*. Vol 9 (1): 49-57.
- Lee, K. W., & Kim, H. S. 2017. Effect of Dietary Carbohydrate-to-Lipid Ratio on Growth and Carcass Composition of Juvenile Abalone , *Haliotis discus* , *Reeve 1846*. 1994. <https://doi.org/10.1111/jwas.12485>
- Litaay, M. 2004. Reproductive performance and egg and larval quality of the blacklip abalone *Haliotis rubra* L. Ph.D Thesis. Deakin University. Australia: 179 pp
- Litaay, M. 2005. Nutritional Roles in the Reproductive Cycle of Abalone. *Oseana*. Vol 30 (3); 1-7.

- Litaay, M., S. S. De-Silva and R. Gunasekera. 2007. *The Blacklip Abalone (Haliotis rubra L), Fatty Acid Profiles of Gonad and Digestive Gland in Relation to Maturation in The Female . Ichtyos. Pp. 1-12.*
- Masuko, T., Minami, A., Iwasaki, N., Majima, T., Nishimura, S.-I., Lee, Y.C., 2005. Carbohydrate analysis by a phenol–sulfuric acid method in microplate format. *Anal. Biochem.* 339, 69–72
- Mendoza-porras, O., Botwright, N. A., Mcwilliam, S. M., Cook, M. T., Harris, J. O., Wijffels, G., & Colgrave, M. L. 2014. Exploiting genomic data to identify proteins involved in abalone reproduction. *Journal of Proteomics*, 108, 337–353. <https://doi.org/10.1016/j.jprot.2014.06.001>
- Meusel, E., Ledouble, S.M., Naylor, M., Kaiser, H., and El-Matbouli, M. 2022. Gonad Development in Farmed Male and Female South African Abalone, *Haliotis Midiae*, Fed Artificial an Natural Diets Under a Range of Husbandry Conditions. *Journal of Aquaculture International*. 30:1279-1293.
- Muqsith, A. 2012. Filtration System and Sterilization Ultraviolet (UV) Maintanance of Abalone (*Haliotis tokobushi/squamata*). Samakia: *Jurnal Ilmu Perikanan*. 4(1); 1-6.
- Nelson, M. M. 1999. Influences of dietary lipid in macroalgae on the somatic and gonadal growth in the green abalone, *Haliotis fulgens* Philippi. M. S. Thesis, San Diego State University, 140 P.
- Nelson, M. M., D. L. Leighton., C. F. Phlegner and P. D. Nichols. 2002. Comparison of Growth and Lipid Composition in The Green Abalone, *Haliotis fulgens*, Provided Specific Macroalgal Diets. *Comp. Biochem. Physiol. Part B*. 131. Pp. 695-712.
- Nuurai, P., Wanichanon, C., and Wanichanon, R. 2019. Effect of Gonadotropin Releasing Hormone on the Expression of Luteinizing Hormone and Estrogen in the Nerve Ganglia and Ovary of a Tropical Abalone, *Haliotis asinina* Linneaus. *Acta Histochemica*
- Octaviany, M. J. 2007. Beberapa Catatan Tentang Aspek Biologi dan Perikanan Abalon. *Oseana*, 32 (4): 39-47.
- Patadjai, A. B. 2011. Analisis Kualitas Daging Abalon *Haliotis asinina* yang Diberi Pakan Formulasi dan Pakan Alami. *Disertasi. Universitas Hasannudin*. Makassar. 193 Hal.
- Permana, G. N., Khotimah, F. H., Susanto, B., Rusdi, I., Haryanti. 2017. Keragaan Pertumbuhan dan Reproduksi Abalon *Haliotis squamata* Reeve (1846) Turunan Ketiga. *Jurnal Riset Akuakultur*. Vol 12 (3); 197-202
- Pebriani, D. A. A., Dewi, A. P. W. K. 2016. Analisis daya dukung perairan berdasarkan kualitas air terhadap peluang budidaya abalon (*Haliotis* sp) di Perairan Kutuh, Bali. *Samakia J Ilmu Perik*. 7:66-71

- Pebriani, D. A. A., Negara, I. K. W. 2019. Tingkat Kematangan Gonad dan Fekunditas Abalon (*Haliotis squamata*). *Current Trends in Aquatic Science*. II(2); 94-98.
- Pereira, L., Riquelme, T., Hosokawa, H. 2007. Effect of three photoperiod regimes on the growth and mortality of The Japanese Abalone *Haliotis discus hannai*. *Journal of shellfish research*. Vol 26 (3). Hal 763-767.
- Rachmawati, F. N dan Untung Susilo. 2012. Kajian Histologi Ovarium Ikan Sidat, *Anguilla bicolor* McClelland, Yang Tertangkap di Segara Anakan Cilacap. Berk. Panel. Hayati, 18: 47-49.
- Ridwanudin, A., Anggorowati, D. A., Sujangka, A., Badi, B. F., Tarmin, N., Wahab, A. 2022. Pengaruh Penggunaan Pakan Buatan Berbahan Baku Tepung Makroalga Hijau *Ulva* sp. terhadap Pertumbuhan Abalon *Haliotis squamata*. *Oseanologi dan Limnologi di Indonesia*. Vol 7 (2); 53-63.
- Robinson E, M. Li, and M. Brunson (1998). Feeding Catfish in Commercial Ponds. Southern Regional Aquaculture Center, Fact Sheet-181.
- Rusdi, I & Jompa, H. 2020. Optimalisasi Salinitas Pada Pemeliharaan Benih Abalon Tropis (*Haliotis squamata*) Asal Hatcheri. *Jurnal Perikanan dan Kelautan*. 2(2): 87-99.
- Shepherd, S. A. 1973. Studies on Southern Australian abalone (Genus *Haliotis*). 1. Ecology of Five Sympatric Species. *Australian Journal Marine and Freshwater Research*. 24: 217-257.
- Setabudi H., Haryono, T., Supriyanto, A., Adeyana. 2009. Rekayasa Breeding Kerang Abalon dengan Menggunakan Induk yang Berasal dari Lokasi Berbeda. Laporan Hasil Perekayasaan. Balai Budidaya Laut Lombok. NTB.
- Setyono, D. E. D. 2004. Abalone (*Haliotis asinina* L) : 2. Factors Affect Gonad Maturation. *Journal of Oseana*. Vol 29, No 4.
- Setyono, D. E. D. 2010. Abalon: Teknologi Pembenihan Jakarta: ISOI. 144 hal.
- Setyono, E. D., & Kusuma, A. (2023). An Overview of the Indonesian Abalone Industry : Production , Market , Challenges , and Opportunities. *02003*.
- Sinaga, D. S. 2015. DENGAN PEMBERIAN PAKAN BUATAN YANG BERBEDA STUDY THE GROWTH OF THE TROPICAL ABALON (*Haliotis asinina*) WITH DIFFERENT SYNTHETIC FEEDING. 7(1), 21–28.
- Smolders, R., Baillieul, M., & Blust, R. (2020). Relationship between the energy status of *Daphnia magna* and its sensitivity to environmental stress. *73(2005)*, 155–170. <https://doi.org/10.1016/j.aquatox.2005.03.006>
- Sofyan, Y. 2006. Pembenihan Abalone (*Haliotis asinina*) di Balai Budidaya Laut Lombok. *Balai Budidaya Laut Lombok*. Lombok.

- Soudant, P., K. Van Ryckeghem., J. Marty., J. Moal., F.F. Samain and P. Sorgeloos.1999. Comparison of the lipid classes and fatty acid composition between a reproductive cycle in nature and a standard hatchery conditioning of the Pacific oyster *Crassostrea gigas*. *Comp. Biochem. Physiol.* B123 : 209-222.
- Sudarmawan, R. A., Hilyana, S., Cokrowati, N. 2013. Pengaruh Seks Rasio Terhadap Tingkat Keberhasilan Pemijahan Pada Kawin Silang *Haliotis asinina* dengan *Haliotis squamata*. *Jurnal Kelautan*. Vol 6 (1). Hal 57-66.
- Sunarto, & Sabariah. (2008). Pengaruh Sumber Asam Lemak Pakan Berbeda Terhadap Kinerja Pertumbuhan Ikan Botia Botia macracanthus Bleeker. *Jurnal Akuakultur Indonesia*, 7(2), 199–204.
- Syahrin, E. S., Patadjai, A. B., Sarita, A. H., & Effendy, I. J. (2018). *Pengaruh Frekuensi Pemberian Pakan Formulasi terhadap Pertumbuhan dan Sintasan Juvenil Abalon Haliotis asinina yang dipelihara Pada Sistem IMTA (Integrated Multi-Tropic Aquaculture) [The Effect of Feeding Frequency on the Growth and Survival Rate of Ab.* 3(3), 740–748.
- Thongrod, S., Tamtin, M., Chairat, C., & Boonyaratpalin, M. (2003). Lipid to carbohydrate ratio in donkey's ear abalone (*Haliotis asinina*, Linne) diets. *Aquaculture*, 225(1–4), 165–174. [https://doi.org/10.1016/S0044-8486\(03\)00287-4](https://doi.org/10.1016/S0044-8486(03)00287-4)
- Tung, C., & Alfaro, A. C. (2011). *Effect of dietary protein and temperature on the growth and health of juvenile New Zealand black-footed abalone (Haliotis iris).* 366–385. <https://doi.org/10.1111/j.1365-2109.2010.02631.x>
- Tzchori, I., Degani, G., Elisha, R., Eliyahu, R., Hurvitz, A., & Vaya, J. (2004). *The influence of phytoestrogens and oestradiol-17 b on growth and sex determination in the European eel (Anguilla anguilla).* 1213–1219. <https://doi.org/10.1111/j.1365-2109.2004.01129.x>
- Vélez-Arellano, N., García-Domínguez, F. A., Lluch-Cota, D. B., Gutiérrez-González, J. L., & Sánchez-Cárdenas, R. (2015). Histological validation of morphochromatically-defined gonadal maturation stages of green abalone (*Haliotis fulgens*) philippi, 1845 and pink abalone (*haliotis corrugata*) wood, 1828. *International Journal of Morphology*, 33(3), 1054–1059. <https://doi.org/10.4067/S0717-95022015000300039>
- Viera, M. P., & Go, J. L. (2005). *Suitability of three red macroalgae as a feed for the abalone Haliotis tuberculata coccinea Reeve.* 248, 75–82. <https://doi.org/10.1016/j.aquaculture.2005.03.002>
- Viera, P., Sosa, B., & Hern, C. M. (2012). *Effect of Macroalgae Protein Levels on Some Reproductive Aspects and Physiological Parameters for the Abalone , Haliotis tuberculata coccinea (Reeve 1846).* 43(6), 764–777.
- Wang, W., Mai, K., Zhang, W., Xu, W., Ai, Q., Yao, C., & Li, H. (2009). Effects of dietary carbohydrates sources on lipids compositions in abalone, *Haliotis discus hannai* Ino. *Journal of Ocean University of China*, 8(3), 254–258. <https://doi.org/10.1007/s11802-009-0254-y>
- Wu, Y., Kaiser, H., Jones, C. L. W., & Kaiser, H. (2019). *A first study on the effect of dietary soya levels and crystalline isoflavones on growth , gonad development and gonad histology of farmed abalone , Haliotis midae.* 167–193.

- Yolanda, Y. (2023). *Analisa Pengaruh Suhu , Salinitas dan pH Terhadap Kualitas Air di Muara Perairan Belawan*. 11(2), 329–337.
- York, P. S., Cummins, S. F., Degnan, S. M., Woodcroft, B. J., & Degnan, B. M. (2012). *Marked changes in neuropeptide expression accompany broadcast spawnings in the gastropod *Haliotis asinina** *Marked changes in neuropeptide expression accompany broadcast spawnings in the gastropod *Haliotis asinina**. 9(May).
- Yusup, D. S., Mahardika, I. G., Suarna, I. W., & Giri, I. N. A. (2020). *Feeding preference and growth response of early adults abalone , *Haliotis squamata* on some macroalgae*. 21(9), 4369–4375. <https://doi.org/10.13057/biodiv/d210956>
- Suminto, Sani, D. A. P., & Susilowati, T. (2010). Prosentase Perbedaan Pengaruh Tingkat Kematangan Gonad terhadap Fertilitas dan Daya Tetas Telur dalam Pembenihan Buatan Abalon (*Haliotis asinina*). *Jurnal Saintek Perikanan*. 6(1), 79-87.
- Supono, S., Yu, Xiuqing., Skelton, B.M., McKay, W. J. G., Jeffs, A. 2022. Effects of starvation on the nutritional condition of juvenile green-lipped mussels of different sizes. *Aquaculture*.
- Syahrin, E. S., Patadjai, A. B., Sarita, A. H., & Effendy, I. J. 2018. Pengaruh Frekuensi Pemberian Pakan Formulasi terhadap Pertumbuhan dan Sintasan Juvenil Abalon *Haliotis asinina* yang dipelihara Pada Sistem IMTA (*Integrated Multi-Tropic Aquaculture*) [The Effect of Feeding Frequency on the Growth and Survival Rate of Ab. 3(3), 740–748.
- Suriani, B. S., Kusmarwiyah, R., Cokrowati, N. 2013. Laju Pertumbuhan dan Tingkat Kelangsungan Hidup Abalon (*Haliotis squamata*) pada Kombinasi Pakan yang Berbeda. *Jurnal Perikanan Unram*. Vol 3. Hal 63-67
- Tasruddin, 2012. Keragaan Produksi dan Kualitas Abalon, *Haliotis Squamata* dengan penggantian air sistem Flow Through. Tesis Sekolah Pascasarjana Institut Pertanian Bogor. Bogor. 80 h
- Thongrod, S., Tamtin, M., Chairat, C., & Boonyaratpalin, M. 2003. Lipid to carbohydrate ratio in donkey's ear abalone (*Haliotis asinina*, Linne) diets. *Aquaculture*, 225(1–4), 165–174. [https://doi.org/10.1016/S0044-8486\(03\)00287-4](https://doi.org/10.1016/S0044-8486(03)00287-4)
- Tzchori, I., Degani, G., Elisha, R., Eliyahu, R., Hurvitz, A., & Vaya, J. (2004). The influence of phytoestrogens and oestradiol-17 b on growth and sex determination in the European eel (*Anguilla anguilla*). 1213–1219. <https://doi.org/10.1111/j.1365-2109.2004.01129.x>
- Uki, N & S. Kikuchi. 1984. Regulation of Maturation and Spawning of Abalone, *Haliotis* (Gastropoda) by external enviromental factors. *Aquaculture*. 39:247-261.
- Utting, S.D. and P.F. Millican.1998. The role of diet in hatchery conditioning of *Pecten maximus* L : a review. *Aquaculture*. 165: 167-178.
- Velez-Arellano, N., Lluch-Cota, D. B., Dominguez, F. G., Gonzalez, J. L. G., 2015. Histological Validation of Morphochromatically-Defined Gonadal Maturation Stages of Green Abalone (*Haliotis fulgens*) Philippi, 1845 and Pink Abalone (*Haliotis currogata*) Wood, 1828. *International Journal of Morphology*. 33(3); 1054-1059.

- Venter, L., Loots, D. T., Vosloo, A., Jansen van Rensburg, P., & Lindeque, J. Z. 2018. Abalone growth and associated aspects: now from a metabolic perspective. *Reviews in Aquaculture*, 10(2), 451–473. <https://doi.org/10.1111/raq.12181>
- Viera, M. P., & Go, J. L. 2005. Suitability of three red macroalgae as a feed for the abalone *Haliotis tuberculata coccinea* Reeve. 248, 75–82. <https://doi.org/10.1016/j.aquaculture.2005.03.002>
- Wang, M., O'Rorke, R., Nodder, S.D., Jeffs, A.G., 2014a. Nutritional composition of potential zooplankton prey of the spiny lobster phyllosoma (*Jasus edwardsii*). *Mar. Freshw. Res.* 65, 337–349
- Wang, M., O'Rorke, R., Waite, A., Beckley, L., Thompson, P., Jeffs, A., 2014b. Fatty acid profiles of phyllosoma larvae of western rock lobster (*Panulirus cygnus*) in cyclonic and anticyclonic eddies of the Leeuwin Current off Western Australia. *Prog. Oceanogr.* 122, 153–162.
- Wang, W., Mai, K., Zhang, W., Xu, W., Ai, Q., Yao, C., & Li, H. (2009). Effects of dietary carbohydrates sources on lipids compositions in abalone, *Haliotis discus hannai* Ino. *Journal of Ocean University of China*, 8(3), 254–258. <https://doi.org/10.1007/s11802-009-0254-y>
- Watanuki, H., K. Ota, A. C. Malina, A. R. Tassakka, T. Kato & M. Sakai. 2006. Immunostimulant effects of dietary *Spirulina platensis* on carp, *Cyprinus carpio*. *Aquaculture* 258:157–163.
- Webber, H.H. 1990. Changes in metabolite composition during the reproductive cycle of the abalone *Haliotis cracheroidii* (Gastropoda : Prosobranchiata). *Physiol. Zool.*: 43 213-232.
- Whyte, J. N. C., N. Bourne and N.G. Ginther 1990. Biochemical and energy changes during embryogenesis in the rock scallop *Crassodoma gigantea*. *Mar. Biol.* 106: 239244.
- Wu, Y., Kaiser, H., Jones, C. L. W., & Kaiser, H. (2019). *A first study on the effect of dietary soya levels and crystalline isoflavones on growth, gonad development and gonad histology of farmed abalone, Haliotis midae.* 167–193.
- Wulandari, Adi, W., dan Rahayu, S., 2013. Kecernaan Lemak dan Energi Konsentrat Monogastrik Berbasis Hidrolist Tepung Bulu Ayam secara In Vitro. *Jurnal Ilmiah Peternakan.* 1(2):430- 436.
- Yolanda, Y. (2023). *Analisa Pengaruh Suhu, Salinitas dan pH Terhadap Kualitas Air di Muara Perairan Belawan.* 11(2), 329–337.
- York, P. S., Cummins, S. F., Degnan, S. M., Woodcroft, B. J., & Degnan, B. M. (2012). *Marked changes in neuropeptide expression accompany broadcast spawnings in the gastropod Haliotis asinina* Marked changes in neuropeptide expression accompany broadcast spawnings in the gastropod *Haliotis asinina*. 9(May).
- Yusup, D. S., Mahardika, I. G., Suarna, I. W., & Giri, I. N. A. (2020). *Feeding preference and growth response of early adults abalone, Haliotis squamata on some macroalgae.* 21(9), 4369–4375. <https://doi.org/10.13057/biodiv/d210956>

Yu, Q., Zeng, L., Zou, W., Shu, Y., Gwo, J., You, W., Luo, X., Ke, C. 2023. Seasonal variation in the nutritional components and textural properties of Pacific abalone and its hybrids. *Aquaculture*. 563.

Zonneveld, N, E,A. Huisman dan J.H. Boon. 1991. Prinsip-prinsip budidaya ikan. PT. Gramedia Pustaka Umum, Jakarta

