DAFTAR PUSTAKA

Agustina, S. (2013). Respon Fisiologis Sistem Osmoregulasi Juvenil Udang Windu *Penaeus monodon* Fabr. Pada Salinitas Yang Berfluktuasi.

Akbar, F., Sudrajat, A. O., & Subaidah, S. (2015). Kualitas sperma induk *Litopenaeus vannamei* yang disuntik PMSG dan antidopamin Sperm quality of *Litopenaeus vannamei* broostock injected by PMSG and antidopamin. *Jurnal Akuakultur Indonesia*, *14*(2), 98–103.

Alifia, F., Heriansah, H., Kabangnga, A., Selvianita, S., & Asnur, R. W. (2023). Performa Pertumbuhan Udang Windu (*Penaeus monodon*) Sistem Ko-Kultur Hewan Akuatik dan Padi di Air payau. *Juvenil:Jurnal Ilmiah Kelautan Dan Perikanan*, *4*(4), 299–310. https://doi.org/10.21107/juvenil.v4i4.20844

Amalia, R., Rejeki, S., Widowati, L. L., & Ariyati, R. W. (2022). The growth of tiger shrimp (*Penaeus monodon*) and its dynamics of water quality in integrated culture. *Biodiversitas*, *23*(1), 593–600. https://doi.org/10.13057/biodiv/d230164

Antonia, O. (2019). *Efektifitas bahan aktif teripang*. 8–9.

Anwar, L. O., Sumantadinata, K., & Carman, O. (2007). Rematuration Periods and Sperm Characteristics of *Litopenaeus vannamei*. *Jurnal Akuakultur Indonesia*, *6*(1), 1–5.

Ariadi, H., Fadjar, M., Mahmudi, M., & Supriatna. (2019). The relationships between water quality parameters and the growth rate of white shrimp (*Litopenaeus vannamei*) in intensive ponds. *AACL Bioflux*, *12*(6), 2103–2116.

Arsana, I. N. Y. (2007). Keragaan Spermatozoa Udang Windu (*Penaeus monodon* Fabricius, 1798) Asal Perairan Sulawesi Selatan Di Bak Pemeliharaan Performance. In *Universitasa Hasanuddin*. http://repository.unhas.ac.id/4392/4/inyomanyud-210-1-ps0202.pdf

Bahrami, Y., Zhang, W., & Franco, C. (2014). Discovery of Novel Saponins from the Viscera of the Sea Cucumber *Holothuria lessoni*. 2633–2667. 0.3390/md12052633

). L. A., Poersch, L. H., & Jr, W. W. (2013). Spermatophore and the pink shrimp *Farfantepenaeus paulensis* fed with fresh food with pollen and paprika. *Aquaculture*, *380–383*, 29–32. 0.1016/j.aquaculture.2012.11.030

Budi, S., & Aqmal, A. (2021). Penggunaan Pakan Bermethamorfosis Pada Perbenihan Udang Windu *Penaeus monodon* Di Kabupaten Barru. *Jurnal Ilmiah Ecosystem*, *21*(2), 358–373. https://doi.org/10.35965/eco.v21i2.1124

Chomphuthawach, S., Samosorn, T., Juntaban, J., Nuangsaeng, B., Preechaphol, R., Yuvanatemiya, V., Nimrat, S., & Vuthiphandchai, V. (2015). Evaluation of Morphological and Ultrastructural Changes of Black Tiger Shrimp (*Penaeus Monodon*) Spermatophore. *IOSR Journal of Environmental Science Ver. I*, *9*(7), 2319–2399. https://doi.org/10.9790/2402-09713440

Darmawan, M. F., Krisnamurthi, B., & Suharno, S. (2022). Analisis Kelayakan Usaha Udang Vaname (*Litopenaeus Vannamei*) Keramba Jaring Apung Laut di Kepulauan Seribu. *Jurnal Agribisnis Indonesia*, *10*(2), 280–288. https://doi.org/10.29244/jai.2022.10.2.280-288

Diamond, S., Powell, A., Shields, R. J., & Rowley, A. F. (2008). Is spermatophore melanisation in captive shrimp (*Litopenaeus vannamei*) a result of an auto-immune response ? *Aquaculture*, *285*(1–4), 14–18. https://doi.org/10.1016/j.aquaculture.2008.08.029

Harlıoğlu, M. M., Farhadi, A., & Gür, S. (2018). Determination of sperm quality in decapod crustaceans. *Aquaculture*, *490*, 185–193. https://doi.org/10.1016/j.aquaculture.2018.02.031

Hartati, R., Widiangsih, & Pringgenies, D. (2009). *Pembenihan dan Pembesaran Teripang Pasir*. Badan Penerbit Universitas Diponegoro Semarang.

Hibaturrahman, M. D. (2022). The Effect of Enrichment of Garbage Fish With Offal Milk Sea Cucumber *(Holothuria Fuscogilva)* Fermentation on Gonad Maturity Index and Spermatoza Quantity of Windu Shrimp *(Penaeus Monodon)*. Universitas Hasanuddin.

Hidayani, A. A., Achmad, M., Fujaya, Y., & Umriani, N. (2024). Effectiveness of Sea Cucumber Viscera Waste to Improve Reproductive Performance Of Male Tiger Shrimp *(Penaeus monodon)*. *25*(1), 6–12.

S. G., Lin, H. Z., Zhou, F. L., & Ye, L. (2008). Effects of dietary ed fatty acids and astaxanthin on the fecundity and lipid content l *Penaeus monodon* (Fabricius) broodstock. *Aquaculture*), 240–251. https://doi.org/10.1111/j.1365-2109.2007.01868.x

Irianto, H. E., & Soesilo, I. (2007). Dukungan Teknologi Penyediaan Produk Perikanan. *Badan Riset Kelautan Dan Perikanan*, *1*(1), 1–20.

Kharisma, H. (2012). Pengaruh Ekstrak Air Teripang Pasir (*Holothuria scabra*) Terhadap Kolesterol Total Pada Tikus Hiperlipidemia. *Universitas Muhammadiyah Surakarta*, *4*, 14.

Kustiariyah. (2007). Teripang Sebagai Sumber Pangan. *Buletin Teknologi Hasil Perikanan*, *10*(1), 1–8.

Laining, A., Lante, S., Kamaruddin, Tambak, J., Aplikasi, M., Aditif, B., & Pakan, D. (2014). Improvement Of Reproductive Performances Of Pond-Reared Male Tiger Shrimp, *Penaeus monodon* By Supplementing Feed Additive For Maturation Diet. *J. Fish. Sci*, *XVI*(2), 53–58.

Lante, S., & Haryanti. (2005). Keragaman Spermatozoa Udang Windu (*Penaues monodon* FAB.) Asal Laut dan Tambak. *Jurnal Penelitian Perikanan Indonesia*, *11*(7), 13–19.

Lante, S., Laining, A., & Parenrengi, A. (2014). Performa Reproduksi Udang Windu (*Penaeus monodon* Fab.) Jantan Alam Dan Domestikasi Tambak. *Prosiding Forum Inovasi Teknologi Akuakultur*, 693–700.

Li, Y., Li, J., & Wang, Q. (2006). The effects of dissolved oxygen concentration and stocking density on growth and non-specific immunity factors in Chinese shrimp, *Fenneropenaeus chinensis*. *Aquaculture*, *256*(1–4), 608–616. https://doi.org/10.1016/j.aquaculture.2006.02.036

Maheswarudu, G., Rajkumar, U., Sreeram, M. P., Chakravarty, M. S., & Sajeev, C. K. (2015). Effect of Testosterone Hormone on Performance of Male Broodstock of Black Tiger Shrimp *Penaeus monodon* Fabricius, 1798. *The Journal of Veterinary Science*, *116*, 446–456.

Mahmudah, R., Mu'nisa, A., & Ngitung, R. (2017). Identifikasi senyawa bioaktif ekstrak teripang hitam (*Holothuria edulis*). *Prosiding Seminar Nasional Biologi*, *2*(Ip2b Ii), 187–192.

Pengaruh kandungan carboxymethylcellulose dalam pakan erna nutrisi udang windu *(Penaeus monodon* Fab.*)*. Universitas

Muhsin, M. F. (2020). Pengaruh pemberian kerang darah *Anadara granosa* terhadap kualitas dan kuantitas spemartozoa udang windu *Penaeus monodon*. *Repositori Universitas Hasanuddin*.

Muhsin, M. F., Fujaya, Y., Hidayani, A. A., Fazhan, H., Wan Mahari, W. A., Lam, S. S., Shu-Chien, A. C., Wang, Y., Afiqah-Aleng, N., Rukminasari, N., & Waiho, K. (2023). Bridging the gap between sustainability and profitability: unveiling the untapped potential of sea cucumber viscera. *PeerJ*, *11*, 1–30. https://doi.org/10.7717/peerj.16252

Muhsin, M. F., Rozaimi, R., Wahyul, A., Alimin, F., Pangloli, Y., Fujaya, Y., Hidayani, A. A., & Waiho, K. (2025). Mengungkap Potensi Limbah : Analisis Nutrisi Jeroan Teripang (*Holothuria* sp.) sebagai Pakan Fungsional Unlocking Waste Potential : Nutritional Analysis of Sea Cucumber (*Holothuria* sp.) Viscera as Functional Feed. *Journal of Fisheries and Marine Science (JFMarSei)*, *9*(December), 1–15.

Novianto, B. R., Sudarno., & Endang, D. M. (2014). Pengaruh Perbedaan Konsentrasi Gliserol Dalam Susu Skim Kuning Telur Untuk Proses Penyimpanan Sperma Beku Terhadap Motilitas Dan Viabilitas Spermatozoa Ikan Patin (*Pangasius pangasius*). *Jurnal Ilmiah Perikanan Dan Kelautan*, *6*(1), 1–6.

Nugraha, M. A., & Rozi. (2020). The effect of giving commercial feed, beloso trash fish (*Saurida tumbil*), kurisi trash fish (*Nemipterus nematophorus*), and mixed trash fish on growth of cantang grouper (*Epinephelus fuscoguttatus-lanceolatus*) in floating net cage. *IOP Conference Series: Earth and Environmental Science*, *441*(1). https://doi.org/10.1088/1755-1315/441/1/012069

Omran, N. E. E. (2012). Testosterone , gonadotropins and androgen receptor during spermatogenesis of Biomphalaria alexandrina snails (*Pulmonata : Basommatophora*). *Reproductive Biology*, *12*(3), 301–308. 0.1016/j.repbio.2012.10.002

masemara, I. G. N., & Negara, I. M. O. (2024). Hubungan natozoa pada pria infertil dengan keberhasilan intrauterine 5(1), 250–254. https://doi.org/10.15562/ism.v15i1.1916

Perangin-angin, S. A. B., Kurniasih, R. A., & Swastawati, F. (2021). Kualitas Ikan Layang (*Decapterus* sp.) Asin Asap Dengan Perbedaan Lama Waktu Pengeringan. *Jurnal Ilmu Dan Teknologi Perikanan*, *3*(2), 71–77.

Primavera, J. H. (1990). External and internal anatomy of adult Penaeid Prawns/Shrimps. *SEAFDEC, Aquaculture Department, The Philippines*.

Putri, A. K., Anggoro, S., & Djuwito. (2014). Tingkat Kerja Osmotik Dan Perkembangan Biomassa Benih Bawal Bintang (*Trachinotus blochii*) Yang Dikultivasi Pada Media Dengan Salinitas Berbeda. *DIPONEGORO JOURNAL OF MAQUARES*, *4*(1), 159–168.

Rahman, A. (2022). Pertumbuhan Rajungan (*Portunus pelagicus*) Yang Diberi Pakan Segar Keong Bakau (*Telescopium telescopium*) Dan Keong Mas (*Pomacea canaliculata*) Dalam Sistem Resirkulasi. *Jurnal Ilmiah Jurusan Budidaya Perairan*, *7*(3), 137–149.

Rajkumar, M., Pillai, S. L., Rameshkumar, P., Saravanan, R., Thirumalaiselvan, S., Jose, J., Sobhana, K. S., & George, M. R. (2023). Reproductive biology of green tiger shrimp *Penaeus semisulcatus* De Haan, 1844 in Palk Bay, southeast coast of India. *Regional Studies in Marine Science*, *66*, 103161. https://doi.org/10.1016/j.rsma.2023.103161

Riani, E., Triajie, H., Syamsu, K., Lestari, S., Dewi, Kurnia, H., & Kaseno. (2007). *Pemanfaatan Steroid Teripang Sebagai Aprodisiaka Alami dan untuk Pengembangan Budidaya Perikanan.*

Saleh, S. M. (2018). Penggunaan Hormon 17α-Metiltestosteron Dengan Dosis Dan Waktu Yang Berbeda Terhadap Maskulinisasi Dan Derajat Pertumbuhan Larva Udang Vaname (*Litopenaeus vannamei*). *Tesis*, 1–23.

Sari, L., & Purwadaria, T. (2004). Evaluate the effect of mutans *Aspergillus niger* to the nutritive value of fermentation at coconut meal and karnel palm meal. *Biodiversitas Journal of Biological Diversity*, *5*(2), 48–51. https://doi.org/10.13057/biodiv/d050202

Siangcham, T., Chansela, P., Hayasaka, T., Masaki, N., Sroyraya, M., Poljaroen, J., Suwansa-ard, S., Engsusophon, A., Hanna, P. J., Sobhon, P., & Setou, M. (2015). Changes of Phosphatidylcholine and Fatty Acids in Germ Cells during Testicular Maturation in Three Developmental Male Morphotypes of *Macrobrachium rosenbergii* Revealed by Imaging Mass Spectrometry. *PLOS One*, *10*(3), 1–17. https://doi.org/10.1371/journal.pone.0120412

Soler, M. M., Vicose, G. C. De, Filgueira, J. R., Sánchez, J. Z., Oñate, E. Y., Chimborazo, M. M., Díaz, W. I., Abad, E. R., Manuel, J., & López, A. (2023). Effect of HUFA in Enriched Artemia on Growth Performance , Biochemical and Fatty Acid Content , and Hepatopancreatic Features of *Penaeus vannamei* Postlarvae from a Commercial Shrimp Hatchery in Santa Elena , Ecuador. *Aquaculture Nutrition*, 10.

Supono. (2018). *Manajemen Kualitas Air Untuk Budidaya Udang*. Anugrah Utama Raharja.

Utomo, D. W., & Hidayat, N. (2017). *Pemodelan Sistem Pakar Diagnosis Penyakit pada Sistem Endokrin Manusia dengan Metode Dempster-Shafer*. *1*(9), 893–903.

Wasityatuti, W. (2020). Keterlibatan Lipid pada Regulasi Sistem Imun (The Involvement of Lipids in Immune System Regulation: A Mini-Review). *Jurnal Kedokteran Dan Kesehatan Indonesia*.

Winantoro, F. A., Ratnawati, D. E., & Anam, S. (2021). Klasifikasi Fungsi Senyawa Aktif berdasarkan Notasi Simplified Molecular Input Line Entry System (SMILES) menggunakan Metode Random Forest. *Jurnal Pengembangan Teknologi Informasi Dan Ilmu Komputer*, *5*(4), 1250–1256.

Yuniarso, T. (2006). Peningkatan kelangsungan hidup, pertumbuhan, dan daya tahan udang windu (*Penaeus monodon* fab.) stadium pl 7 – pl 20 setelah pemberian silase artemia yang telah diperkaya dengan silase ikan. In *Universitas Sebelas Maret*.

[illegible] timasi salinitas yang berbeda terhadap pertumbuhan dan [illegible]idup larva udang windu. In *Program Studi Budidaya Perairan* [illegible]60511).