DAFTAR PUSTAKA

Abusham, R, A.,Raja Noor Z, RA, R., Abu, B, S.,Mahiran, B. 2009. Optimization of Physical Factors Affecting the Production of Thermo-stable Organic Solvent-tolerant Protease from a Newly Isolated Halo Tolerant Bacillus subtilis strain Rand. *Microbial Cell Factories.* 9(8):20. doi: 10.1186/1475-2859-8-20. Diunduh dari https://microbialcellfactories.biomedcentral.com/articles/10.1186/1475-2859-8-20

Alimin, Noor. 2018. *Pengaruh Suplementasi Alginat Terhadap Efisiensi Pemanfaatan Pakan dalam Pertumbuhan Udang Vaname (Litopenaeus Vannamei)*. Skripsi. Jepara: Program Studi Budidaya Perairan, Fakultas Sains dan Teknologi, Universitas Islam Nahdlatul Ulama Jepara.

Andriyanto, V. 2019. *Pengaruh Penambahan Ekstrak Enzimatik Rumput Laut Sargassum Polycystum pada Pakan Terhadap FC,* Epp*, dan Pertumbuhan Mutlak Ikan Nila Salin (Oreocromis niloticus).* Skripsi. Jepara: Program Studi Budidaya Perairan, Fakultas Sains dan Teknologi, Universitas Islam Nahdlatul Ulama Jepara.

Annamalai, N. dan Rajeswari M.V. 2011. Purification and Characterization of Chitinase form Alcaligenes faecalis AU02 by Utilizing Marine Waste and It's Antioxidant Acttivity. *Journal springe.* 61(4):801-807. Nomor doi: 10.1007/s13213-011-0198-5. Diunduh dari https://link.springer.com/article/10.1007/s13213-011-0198-5.

Annamalai, N. A. Kumar, A. Savanakumar, A. Vijajlakshmi, T. Balasubramanian. 2011. Characterization of Protease from Algaligens faecalis and Its Antibacterial Activity on Fish Patogens. *J Environ Biol*. 32(6): 781-786. Diunduh dari https://pubmed.ncbi.nlm.nih.gov/22471216/.

Bradford, Marion M. 1976. A Rapid and Sensitive Method for The Quantitation of Microgram Quantities of Protein Utilizing The Principle of Protein-Dye Binding Analytical Biochemistry. *Reproduction Research Laboratorirs: Department of Biochemistry, University of Georgia.* 72:248-254. Diunduh dari http://hoffman.cm.utexas.edu/courses/bradford_assay.pdf.

Carpenter, E.J. 2002. Marine Cyanobacterial Symbioses. *Proceeding of The Royal Irish Academy*. 102B(1):15-18. Diambil dari https://www.jstor.org/stable/i20500128.

Chelossi E, M Milanese, A Milano, R Pronzato, G Riccardi. 2004. Characterisation and Antimicrobial Activity of Epibiotic Bacteria from Petrosia Ficiformis (Porifera, Demospongia). *J Experimental Mar Biol & Ecol.* 309(1): 21-33. doi:10.1016/j.jembe.2004.03.006. Diunduh dari https://www.researchgate.net/publication/222522365_Characterisation_and_antimicrobial_activity_of_epibiotic_bacteria_from_Petrosia_ficiformis_Porifera_Demospongiae

Ferdiansyah, V. 2005. *Pemanfaatan Kitosan dari Cangkang Udang Sebagai Matriks Penyangga pada Imobilisasi Enzim Protease*. Skripsi. Bogor: Jurusan Teknologi Hasil Pertanian, Fakultas Perikanan dan Ilmu Kelautan, Institut Pertanian Bogor.

Ibrahim, El-diwany AI. 2007. Isolation and Identification of New Cellulases Producing Thermophilic Bacteria from An Egyptian Hot Spring and Some Properties of The Crude Enzyme. *J Appl Sci*. 1(4):473-478. Diunduh dari http://ajbasweb.com/old/ajbas/473-478.pdf.

Ismet, Meutia Samira. 2007. *Penapisan Senyawa Bioaktif Spons Aaptos aaptos dan Petrosia sp. dari Lokasi yang Berbeda*. Tesis. Bandung: Sekolah Pasca Sarjana. Institut Pertanian Bogor.

Jawetz. 2001. Mikrobiologi Kedokteran. Salemba Medika. Jakarta

Mahdhi, A, Maria Á. E, Zeineb H, Karima B, Fathi K, Amina B, Boubaker K. 2012. Survival And Retention Of The Probiotic Properties Of Bacillus sp. Strains Under Marine Stress Starvation Conditions And Their Potential Use As A Probiotic In Artemia Culture. *Research in Veterinary Science*. 93(3):1151-1159. Diunduh dari https://doi.org/10.1016/j.rvsc.2012.05.005.

Maldonado, M, N Corrtadellas, MI Trillas, C Rötzler. 2005. Endosymbiotic Yeast Matternally Transmitted in A Marine Sponge. *Biol Bull*. 209(2): 94-106. Nomor doi: 10.2307/3593127. Diunduh dari https://pubmed.ncbi.nlm.nih.gov/16260769/.

Mardani. W, A. Mushawwir, D. Latipudin. 2015. *Profil Protein Total dan Trigliserida Darah Ayam Petelur Fase Layer* pada *Temperature Humidity Index yang Berbeda*. Universitas Padjadjaran.

Meyer BN, Ferrigni NR, Putman JE, Jacobsen LB, Nichols DE, McLaughlin JL. 1982. Brine Shrimp: a Convenient General Bioassay for Active Plant Constituents. *Planta Med*. 45(5): 34-35. doi: 10.1055/s-2007-971236. Diunduh dari https://pubmed.ncbi.nlm.nih.gov/17396775/.

MuridCoId. 2018. *Sistem Organ Porifera Beserta Manfaat*. Dalam https://www.murid.co.id/manfaat-porifera/. 10 Agustus 2020.

Myers, P. 2001. *Sponge (*Porifera*): Animal Diversity*. Dalam http://animaldiversity.ummz.umich.edu/site/account/information/porifera.ht 30 Juli 2020.

Nonchordatesworld. 2020. *Biodiversity of Animals*. Dalam http://nonchordatesworld.blogspot.com/2016/11/phylum-porifera.html. 10 Agustus 2020.

Notodarmojo, S. 2005. *Pencemaran Tanah dan Air Tanah*. Bandung: Penerbit ITB.

Oren M, L Steindler, M Ilan. 2005. Transmission, Plasticity, and The Molecular Identification of Cyanobacterial Symbionts in The Red Sea Sponge Diacarnus Erythraneus. *Marine Biologi*. Nomor doi:10.1007/s00227-005-

0064-8. Diunduh dari http://132.66.16.6/lifesci/departments/zoology/members/ilan/documents/MarBiol148.pdf.

Poedjiadi, A. 2007. *Dasar-dasar Biokimia*. Jakarta: UI Press.

Polak-Berecka, M, A. Wasko, M. Kordowska-Wiater, M. Podlesny, Z. Targonski, A. Kubik-Komar. 2010. Optimixation of Medium Composition for enhancing growth of Lactobacillus rhamnosus PEN using response surface methodology. *Polish Journal of Microbiology.* 59(2):113-118. Diunduh dari https://pubmed.ncbi.nlm.nih.gov/20734756/.

Pondok Ilmu. 2011. *Kebutuhan Dasar Nutrisi Mikroba*. Dalam https://aguskrisnoblog.wordpress.com/2011/12/29/kebutuhan-dasar-nutrisi-mikroba/. 10 Agustus 2020.

Psychologymania. 2013. *Sycon Gelatinosum*. Dalam https://www.psychologymania.com/2013/09/sycon-gelatinosum.html. 10 Agustus 2020.

Rachmat R, Kobayashi M, Rasyid A. 2001. *Substansi Antikanker dari Spons sp Asal Barranglompo, Kepulauan Spermonde*, Indonesia. Jakarta: Ikatan Sarjana Oseanologi Indonesia.

Sathynarayanan, J, Kunthala, and Gurumurthy. 2011. Optimization of MRS Media Components using Response Surface Methodology for the Riboflavin Production by Lactobacillus fermentum Isolated from Yoghurt Sample. *International Food Research Journal*. 18:149 – 158. Diunduh dari http://www.ifrj.upm.edu.my/18%20(01)%202011/(15)%20IFRJ-2010-068%20Jayashree.pdf.

Soeka, Yati Sudaryati dan Sulistiani. 2014. Karakterisasi Protease Bacillus subtilis A1 Inacc B398 Yang Diisolasi Dari Terasi Samarinda. *Berita Biologi*. 13(2):203-212. Diunduh dari https://e-journal.biologi.lipi.go.id/index.php/berita_biologi/article/view/694/464.

Steindler L, D Huchon, A Avni, M Ilan. 2005. 16S Rrna Phlogeny of Spongesassociated Cyanobacteria. *Apll Environ Microbiol.* 71(7):4127-4131. Nomor doi:10.1128/AEM.71.7.4127–4131.2005. Diunduh dari https://aem.asm.org/content/aem/71/7/4127.full.pdf.

Steindler L, S Beer, M Ilan. 2002. Photosymbiosis in Intertidal and Subtidal Tropical Sponges. *Sybiosis*: 33: 1-11. Philadelphia:Balaban. Diunduh dari https://www.tau.ac.il/lifesci/departments/zoology/members/ilan/documents/Symbiosis.pdf.

Suhartono, Suhartono, Wiwit Artika. 2017. Isolasi dan Uji Aktivitas Protease dari Aktinobakteri Isolat Lokal (AKJ-09) Aceh. *Jurnal BIOLEUSER.* 1(3):116-120. Diunduh dari http://www.jurnal.unsyiah.ac.id/bioleuser/article/view/10494/8274.

Wikimedia commons. 2009. *File:Tube* Sponge *(Callyspongia aerizusa) (8454198058).jpg*. https://commons.wikimedia.org/wiki/File:Tube_Sponge_(Callyspongia_aerizusa)_(8454198058).jpg. 10 Agustus 2020.

Wikipedia. 2008. *Clathria (*Clathria*) prolifera*. Dalam https://id.wikipedia.org/wiki/Clathria_(Clathria)_prolifera. 10 Agustus 2020.

_____. 2008. *Clathrina clathrus*. Dalam https://id.wikipedia.org/wiki/Clathrina_clathrus 10 Agustus 2020.

_____. 2020. *Venus' flower basket.* Dalam .https://en.wikipedia.org/wiki/Venus%27_flower_basket. 10 Agustus 2020.

Yuliana, N. 2008. Kinetika Pertumbuhan Bakteri Asam Laktat Isolat T5 yang Berasal dari Tempoyak. *Jurnal Teknologi Industri dan Hasil Pertanian.* 13(2):108-116. Doi: 10.23960/jtihp.v13i2.108 – 116. Diunduh dari https://jurnal.fp.unila.ac.id/index.php/JTHP/article/view/72/80.

Yustinah, Misri Gozan, Heri Hermansyah, Rizal Alamsyah. 2016. Pengaruh Jenis Sumber Nitrogen Pada Pembuatan Polyhydroxybutyrate dari Glukosa Menggunakan Bakteri Bacillus Cereus. *Jurnal UMJ*. Diunduh dari https://jurnal.umj.ac.id/index.php/semnastek.