

DAFTAR PUSTAKA

- Amsler, C. D., Mc. Clintock, J. B., Baker, B. J. 2001. Secondary Metabolites as Mediators of Trophic Interactions Among Antarctic Marine Organisms. *Amer Zoot Journal*, 41 (1) : 17-26.
- Bhargavi. P, S., V, Gopala. R. T. ., K, Mukkanti., B, Dinesh. K., P, Krishna. T. 2010. Increasing emergence of antibacterial resistance mainly in uropathogens: Southeast part of India. *Internasional Journal of Microbiology Research*, 2 (1) : 1-6.
- Budiyanto, A., dan Sugiarto, H. 1997. Catatan Mengenai Si Tangan Delapan (Gurita/*Octopus Sp*). *Jurnal Oseana*, 22 (3) : 25-33.
- Cappucino, J. G., and Sherman, N. 1987. *Microbiology: A Laboratory Manual*. The Benjamin Cummings Publishing Company, Inc. California. 1-8 pp.
- _____. 1987. *Microbiology: A Laboratory Manual*. The Benjamin Cummings Publishing Company, Inc. California. 20 pp.
- Chen, S., Xue. C., Wang. J., Feng. H., Wang. Y., Ma. Q., Wang. D. 2009. Adsorption of Pb (II) and Cd (II) by *Quid Ommastrephes batrami* Melanin. *Bioinorganic Chemistry and Application*. 1 (10) : 1-7.
- Chodrijah, U., dan Budiarti, T. W. 2011. Beberapa Aspek Biologi Cumi-cumi Jamak (*Loligo duvaucelli*) yang didaratkan di Blanakan, Subang, Jawa Barat. *Jurnal Bawal*, 3(6) : 357-362.
- Chikuni, S. 1983. *Cephalopod Resources in the Indo-Pacific Region*. Dalam J.F Caddy (ed.). *Advances in Assessment of World Cephalopod Resources*. FAO Fisheries Technical Paper, 231 : 264-305.
- Dehghan E, Dashti H, Baghizadeh A. 2013. Antibacterial Effect of Ethanol Extract (*Althaea officinalis*) on *Streptococcus pyogenes* Compared with Prevalent Antibiotics *In-Vitro*. *J Rafsanjan Univ Med Scie*, 12(6): 461-74.
- Derby, C. D. 2014. Cephalopod Ink: Production, Chemistry, Functions and Applications. *Journal Marine Drugs*, 12 (5) : 2700-2730.
- Etikan, I., Musa, S. A., Alkassim, R. S. 2016. Comparison of Convenience Sampling and Purposive Sampling. *American Journal of Theoretical and Applied Statistics*, 5 (1) : 1-4.

- Fitrial, Y., dan Khotimah, I. K. 2017. Aktivitas Antibakteri dari Melanin Tinta Sotong dan Cumi-cumi. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 20 (2) : 266 – 274.
- Girija, S. A. S., Priyadharshini, V. J., Suba. P. K., Hariprasad, P., Raguraman, R., 2012. Antibacterial effect of Squid ink on ESBL Producing Strains of *Escherichia coli* and *Klebsiella pneumoniae*. *Indian J. Geo-Mar. Sci*, 41 (). 338–343.
-
2014. A Novel Study on the Antibacterial Effect of the Crude Squid ink Extracts from the Indian Squid Against Four Bacterial Pathogens Isolated from Carious Dentine. *International Journal of Current Microbiology and Applied Sciences*, 3 (4) : 904-911.
- Hanlon, R., Vecchione, M., Allcock, L. 2018. *Octopus, squid, and cuttlefish : a visual, scientific guide to the oceans' most advanced invertebrates*. Quarto Publishing pk. 13-128 pp
- Harianto. 2004. Penyuluhan Penggunaan Oralit untuk menanggulangi Diare di Masyarakat. *Majalah Ilmu Kefarmasian*, 1 (1) : 27-33.
- Harper M.K, Bugni T.S, Copp B.R, James J.D, Lindsay B.S, Richardson A.D, Schnabel P.C, Tasdemir D, Van Wagoner F.M, Verbitski S.M, Ireland C.M. 2001. *Introduction to the chemical ecology of marine natural products*. di dalam : McClintock JB, Baker BJ, editor. *Marine Chemical Ecology*. USA: CRC Press, pp. 3-69.
- Helmiyati, A. F. dan Nurrahman. 2010. Pengaruh Konsentrasi Tawas terhadap Pertumbuhan Bakteri Gram Positif dan Negatif. *Jurnal Pangan dan Gizi*, 1 (01) : 1-6.
- Honeyman, A.L., Friedman, H., Bendinelli, M. 2002. *Staphylococcus aureus Infection and Disease*. Kluwer Academic Publishers 6-8 pp.
- Jawetz, E., Melnick, J. L., Adelberg, E. A. 2001. *Mikrobiologi Kedokteran*, Buku 1, Salemba Medika, Surabaya. 528 hal.
- Jereb, P., and Roper, C. F. E. 2005. *Cephalopods of the World: Chambered Nautilus and Sepioids*. *FAO Species Catalogue for Fishery Purpose*, 4(1): 4-10 pp.
- Jereb, P., and Roper, C. F. E. 2010. *Cephalopods of the World: Myopsid and Oegopsid Squids*. *FAO Species Catalogue for Fishery Purpose*, 4(2): 39 pp.

- Juariah, S., Suryanto, D., Jamilah, I. 2014. Aktivitas Antibakteri Spesies *Asterias Forbesii* terhadap Beberapa Jenis Bakteri Patogen. *Jurnal Berkala Perikanan Terubuk*. 42 (2) : 37-50.
- Kurniawan., Lestari, S., J. Siti. H. R. 2012. Hidrolisis Protein Tinta Cumi-cumi (*Loligo sp.*) dengan Enzim Papain. *Jurnal Fishtech*, 1 (1) : 41-54.
- Mangindaan, R. J., Mintjelungan, C. N., Pangemanan, D. H. C. 2019. Uji Daya Hambat Ekstrak Tinta Cumi-cumi (*Loligo sp.*) terhadap Pertumbuhan Bakteri *Streptococcus mutans*. *Jurnal e-Biomedik*, 7 (2) : 82-86.
- Manning, S. D. 2010. *Escherichia coli Infections*, Second Edition. Chelsea House Publishers. 38-39 pp.
- Mazni., Ramses., Rahmi., Hendrianto. Sensitivitas Antibakteri dari Tanaman *Caulerpa sp.* dan *Enteromorpha sp.* terhadap Bakteri *Vibrio alginolyticus*. *Jurnal Simbiosis*, 7 (1) : 9-23.
- Mujihradana, V. N., Wewengkang, D. S., Suryanto, E. 2018. Aktivitas Antimikroba dari Ekstrak Ascidian *Herdmania momus* pada Mikroba Patogen Manusia. *Jurnal Ilmiah Farmasi*, 7 (3) : 338-347.
- Mbonyiryivuze. A., Nuru. Z. Y., Diop. N. b., Mwakikunga. B., Simon. M. D. S. M., Park. E., Maaza. M. 2015. Morphological and chemical composition characterization of commercial *Sepia Melanin*. *American Journal of Nanomaterials*, 3 (1) : 22-27.
- Nabhitabhata, J. and Nilaphat, P. 1999. *Life Cycle of Cultured Big Fin Squid, Sepioteuthis lessoniana Lesson*. Phuket Marine Biological Centre Special Publication 19 (1) : 25-40 pp.
- Neifar, A., Rebah, F. B., Gargouri, A. ., Abdelmouleh, A. 2009. Physicochemical characterization of *Sepia officinalis* ink and the Effects of Storage Conditions on the Coagulation Process. *Journal of the Marine Biological Association of the UK*, 89 (04) : 803-807.
- Nirmale, V., Nayak. B.B., Kannappan. S., Basu. S. 2002. Antibacterial effect of the Indian Squid, *Loligo duvauceli (d'Orbigny)* ink. *Indian Fish Journal*, 29 (1) : 65-69.
- Nithya, M., Ambikapathy, V., Panneerselvam, A. 2011. Effect of pharaoh's cuttlefish ink against bacterial pathogens. *Asian J. Plant Science and Research*. 1: 49-55.

- Nofiani, R. 2008. Urgensi dan Mekanisme Biosintesis Metabolit Sekunder Mikroba Laut. *Jurnal Natur Indonesia*, 10 (2) : 120-125.
- Norman, M., and Reid, A. 2000. *A Guid to Squid, Cuttlefish and Octopuses of Australasia*. The Gould League of Australia and CSIRO Publishing. 8- 18 pp.
- Nurhan, F. A. 2015. Skrining Antibakteri Kombinasi Ekstrak Etanol Temulawak Meniran, Kemukus dan Neluntas terhadap *Staphylococcus aureus*, *Escherichia coli* dan *Salmonella typhi*. Undergraduate Thesis Widya Mandala Catholic University, Surabaya. 43 hal.
- Nuria, M. C., Faizatun, A., Sumantri. 2009. Uji Aktivitas Antibakteri Ekstrak Etanol Daun Jarak Pagar (*Jatropha curcas L*) terhadap Bakteri *Staphylococcus aureus* ATCC 25923, *Escherichia coli* ATCC 25922, dan *Salmonella typhi* ATCC 1408. *Jurnal Ilmu Pertanian*, 5 (2) : 26-37.
- Okutani, T. 2005. Past, Present and Future Studies on Cephalopod Diversity in Tropical West Pacific. *Phuket Mar. Bio Journal*, 66 (1) : 39-50.
- Ortez, J. H. 2005. Disk Diffusion Testing. In: *Manual of Antimicrobial Susceptibility Testing*. Marie B. Coyle (Coord. Ed.). American Society for Microbiology. 39-42 pp.
- Pan, X., Chen, F., Wu, T., Tang, H., Zhao, Z. 2009. The Acid, Bile Tolerance and Antimicrobial Property of *Lactobacillus acidophilus* NTT. *Elsevier*. 20(6) : 598-602.
- Pelczar, M. J., and Chan, E.C.S. 1988. *Dasar-dasar Mikrobiologi Jilid 2*. Penerjemah Hadioetomo, R.S., Imas, T., Tjitrosomo, S.S., Angka, S.L. UI Press, Jakarta. 576 hal.
- Peshenko, I. V., Dizhoor, A. M. 2007. Activation and Inhibition of Photoreceptor Guanylyl Cyclase by Guanylyl Cyclase Activating Protein 1 (GCAP-1): The Functional Role of Mg²⁺/Ca²⁺ Exchange in EF-hand Domains. *The Journal of Biological Chemistry*, 82 (30) : 21645-21652.
- Ponnuchamy, K., Mani, K., Vimalanathan A. P., Baskaralingam, V., Sekar, V. 2018. Proteomics Analysis of Crude Squid ink Isolated from *Sepia esculenta* for their Antimicrobial, Antibiofilm and Cytotoxic Properties, *MicrobialPathogenesis*, doi:10.1016/j.micpath.2018.01.039.

- Posangi, J., Juliatri., Bara, R., Tairas, J., Wuisan, J. 2013. Uji Efek Antibakteri Tinta Cumi-cumi (*Loligo sp.*) terhadap bakteri saluran akar gigi. *Jurnal e-Gigi*, 1 (2) : 1-6.
- Pringgenies, D., Sari, D. A., N, Ria. A. T., Yudiati, E., Susilo, E. S., Satriadi, A. 2017. Determinasi Bakteri Simbion Luminesensi Cumi *Loligo edulis* Serta Analisis Potensinya sebagai Anti Bakteri. *Jurnal Kelautan Tropis*, 20 (2) : 78-83.
- Pulungan, A. S. S., dan Brata, W. W. W. 2017. Aktivitas Antibakteri Ekstrak Daun Talas terhadap Bakteri Patogen. *Jurnal Saintika*, 17 (1) : 76-79.
- Rastina., Sudarwanto, M., Wientarsih, L. 2015. Aktivitas Antibakteri Ekstrak Etanol Daun Kari (*Murraya koenigii*) terhadap *Staphylococcus aureus*, *Escherichia coli*, dan *Pseudomonas sp.* *Jurnal Kedokteran Hewan*, 9 (2) : 185-188.
- Rahmadani, F. 2015. Uji Aktivitas dari Ekstrak Etanol 96% Kulit Batang Kayu Jawa (*Lanua coromandalica*) terhadap Bakteri *Staphylococcus aureus*, *Escherichia coli*, *Halicobacter pylori* dan *Pseudomonas aeruginosa*. Skripsi. Fakultas Kedokteran dan Ilmu Kesehatan. UIN Syarif Hidayatullah, Jakarta. 72 hal.
- Rocha, F., Guerra, A., Gonzalez, A. F. 2001. A review of reproductive strategies in cephalopods. *Biological Review*. 76 (1): 291- 304.
- Rohilla, A. 2010. *HandBook of Bacteriology*. Oxford Book Company, Jaipur New Delhi 224-226 pp.
- Roslizawaty, Nita Y.R., Fakhrurrazi., Herrialfian. 2013. Aktivitas Antibakterial Ekstrak Etanol dan Rebusan Sarang Semut (*Myrmecodia sp.*) terhadap Bakteri *Escherichia coli*. *Jurnal Medika Veterinaria*, 7(2):91-94.
- Rudiana, E., dan Pringgenies, D. 2004. Morfologi dan Anatomi Cumi-cumi *Loligo duvauceli* yang memancarkan Cahaya. *Jurnal Ilmu Kelautan*, 9 (2) : 96-100.
- Ummamie, L., Rastina., Erina., Ferasyi, T. R., Darniati., Azhar, A. 2017. Isolasi dan Identifikasi *Escherichia coli* dan *Staphylococcus aureus* pada Keumamah di Pasar Tradisional Lambaro, Aceh Besar. *Jurnal Ilmiah Mahasiswa Veteriner*, 1 (3) : 574-583.
- Saifudin, A. 2014. *Senyawa Alam Metabolit Sekunder*. Deepulish, Yogyakarta. 117 hal.

- Sartika, R., Melki., Purwiyanto, A. I. S. 2013. Aktivitas Antibakteri Ekstrak Rumput Laut *Eucheuma cottoni* terhadap Bakteri *Escherichia coli* , *Staphylococcus aureus*, *Vibrio cholera* dan *Salmonella typhosa*. *Maspari journal*, 5 (2): 98-103.
- Sari, R. C., Wijayanti, I., Agustini, T. W. 2019. The Effectiveness of Melanin from Squid Ink (*Loligo* sp.) as Antibacterial Agent Against *Escherichia coli* and *Listeria monocytogenes*. *Jurnal Earth and Environmental*, 246 : 1-8.
- Sedaca, A. 2020. Urgency and Mechanism of Biosynthesis of Marine Microbial Secondary Metabolites. *International Journal of Science and Society*, 2 (4) : 159-166.
- Sidharta, B. R. 2000. *Pengantar Mikrobiologi Kelautan*. Universitas Atma Jaya, Yogyakarta. 16-17 hal.
- Siregar, A. F., Sabdono, A., Pringgenies, D. 2012. Potensi Antibakteri Ekstrak Rumput Laut terhadap Bakteri Penyakit Kulit *Pseudomonas aeruginosa*, *Staphylococcus epidermidis*, dan *Micrococcus luteus*. *Journal of marine research*, 1(2):152-160.
- Sudjoko, B. 1988. Cumi-cumi (Cephalopoda, Moluska) sebagai Salah Satu Bahan Makanan Dari Laut, *Jurnal Oseana*, 3 (13) : 97-107.
- Todar, K. 2008. *Todar's Online Textbook of Bacteriology*. Diakses 8 September 2020 10.28 dari [Http://www.textbookofbacteriology.net/](http://www.textbookofbacteriology.net/).
- Toy, T. S. S., Lampus, B. S., Hutagalung, B. S. P. 2015. Uji Daya Hambat Ekstrak Rumput Laut *Gracilaria* sp. terhadap Pertumbuhan Bakteri *Staphylococcus aureus*. *Jurnal e-Gigi*, 3 (1) : 153-159.
- Visualsunlimited. 2018. Photoshelter.com: *Staphylococcus aureus* Bacteria. Diakses 8 September 2020 10.28 dari <https://visualsunlimited.photoshelter.com/search?terms=staphylococcus%20aureus&>
- _____ . 2018. Photoshelter.com: *Escherichia coli* Bacteria. Diakses 8 September 2020 10.28 dari <https://visualsunlimited.photoshelter.com/search?terms=Escherichia%20coli&>
- Waluyo, L. 2011. *Mikrobiologi Umum*. Universitas Muhammadiyah Malang Press. Malang. 363 hal.
- Wiwanitkit, V. 2011. *Escherichia Coli Infections*. Internel Medical Publishing <http://imedpub.com/> 6-8 pp.

- Wiyanto, D. B. 2010. Uji Aktivitas Ekstrak Rumput Laut *Kappaphycus alvarezii* dan *Eucheuma denticullatum* terhadap Bakteri *Aeromonas hydrophila* dan *Vibrio harveyii*. *Jurnal Kelautan*, 3 (1) : 1-17.
- Zaki, A., Wuryandari, T., Suparti. 2014. Analisis Varian Percobaan Faktorial Dua Faktor RAKL dengan Metode Fixed Additive Main Effects and Multiplicative Interaction. *Jurnal Gaussian*, 3 (4) : 529-536.
- Zhong. J. P., Wang. G., Shang. J. H., Pan. J. Q., Li. K., Huang. Y., Liu. H. Z. 2009. Protective Effects of Squid Ink Extract Towards Hemopoiet Injuries Induced by Cyclophosphamine. *Marine Drugs Journal*, 7 (10) : 9-18.

