

DAFTAR PUSTAKA

- Abramo, J. M. et al. (2012) 'Individuality in music performance', *Assessment & Evaluation in Higher Education*, 37(October), p. 435. doi: 10.1007/82.
- Adejuwon, Adekunle Odunayo et al. (2011) 'Staphylococcus aureus isolated from septic caesaerean wound at Ile Ife Nigeria: Antibiotics susceptibility patterns', 3(May), pp. 149–154. Available at: [http://www.academicjournals.org/ijmms/PDF/Pdf2011/May/Adejuwon et al.pdf](http://www.academicjournals.org/ijmms/PDF/Pdf2011/May/Adejuwon%20et%20al.pdf).
- Agilent (2001) *Basic of LC/MS*. USA: Agilent Technology.
- Alkeskas, A. et al. (2015) 'The molecular characterisation of Escherichia coli K1 isolated from neonatal nasogastric feeding tubes', *BMC Infectious Diseases*. *BMC Infectious Diseases*, 15(1). doi: 10.1186/s12879-015-1210-7.
- Amarendra, V., Santhosh, R. S. and Dhevendaran, K. (2013) 'Sponges: A Reservoir for Microorganism-Derived Bioactive Metabolites', *Marine Microbiology*, pp. 417–452.
- Artasasta, M. A., Djamaan, A. and Handayani, D. (2017) 'Cytotoxic activity screening of ethyl acetate fungal extracts derived from the marine sponge *Neopetrosia chaliniformis* AR-01', *Journal of Applied Pharmaceutical Science* Vol., 7(12), pp. 174–178. doi: 10.7324/JAPS.2017.71225.
- Balouiri, M., Sadiki, M. and Ibsouda, S. K. (2016) 'Methods for in vitro evaluating antimicrobial activity: A review', *Journal of Pharmaceutical Analysis*. *Elsevier*, 6(2), pp. 71–79. doi: 10.1016/j.jpha.2015.11.005.
- Balows, A. et al. (1991) *Manual of Clinical Microbiology*. 5 th. Washington: *American Society for Microbiology*.
- Balzarini, J. et al. (2001) 'Antiviral Activity of Cyclosalgenil Prodrugs of Acyclovir, Carbovir, Abocavir', *Antivir Chemoter*, 12, pp. 301-306.
- Basu, S. et al. (2015) 'Evolution of bacterial and fungal growth media', *Bioinformation*, 11(4), p. 182. Available at: www.bioinformation.net.
- Bobzin, Steven C; Faulkner, D. J. (1991) 'Aromatic Alkaloid Morpholine', *Journal of Organic Chemistry*, 56(1), pp. 4403–4407.
- Bode, H. B. et al. (2002) 'Big effects from small changes: Possible ways to explore nature's chemical diversity', *ChemBioChem*, 3(7), pp. 619–627. doi: 10.1002/1439-7633(20020703)3:7<619::AID-CBIC619>3.0.CO;2-9.
- Brooks, G. F., Janet, S. B. and Stephen, A. M. (1995) *Mikrobiologi kedokteran. edisi 20*. Jakarta: Penerbit Buku Kedokteran EGC.
- Brooks, G. F., Janet, S. B. and Stephen, A. M. (2007). *Mikrobiologi kedokteran (terjemahan)*. Edisi 23. Jakarta: Penerbit Buku Kedokteran EGC.

- Burja, A. M. et al. (2002) 'Culture of the marine cyanobacterium, *Lyngbya majuscula* (Oscillatoriaceae), for bioprocess intensified production of cyclic and linear lipopeptides', *Journal of Microbiological Methods*, 48(2–3), pp. 207–219. doi: 10.1016/S0167-7012(01)00324-4.
- Choma, I. M. and Grzelak, E. M. (2011) 'Bioautography detection in thin-layer chromatography', *Journal of Chromatography A*. Elsevier B.V., 1218(19), pp. 2684–2691. doi: 10.1016/j.chroma.2010.12.069.
- Corinaldesi, C. et al. (2017) 'Marine microbial-derived molecules and their potential use in cosmeceutical and cosmetic products', *Marine Drugs*, 15(4), pp. 1–21. doi: 10.3390/md15040118.
- Covey, T. R. et al. (1986) 'Liquid Chromatography/ mass spectrometry', *Analytical Chemistry*, 58(14), pp. 1451 A-1461 A. doi: 10.1021/ac00127a001.
- Dachriyanus. (2004). *Analisis Struktur Senyawa Organik Secara Spektroskopi*. Padang: LPTIK Universitas Andalas.
- Darmadi. (2008). *Injeksi Nasokomial Problematica dan Pengendaliannya*. Jakarta: Salemba Medika.
- Darmawi, D. et al. (2019) '6. Isolation, Identification and Sensitivity Test of *Staphylococcus aureus* on Post Surgery Wound of Local Dogs (*Canis familiaris*)', *Jurnal Medika Veterinaria*, 13(1), pp. 37–46. doi: 10.21157/j.med.vet..v13i1.4122.
- Depkes RI. (2008). *Farmakope herbal Indonesia. Edisi 1*. Jakarta: Departemen Kesehatan Republik Indonesia.
- Ebada, S. S. and Ebrahim, W. (2020) 'Quinoisobutyride A, an acyclic antibacterial tetrapeptide incorporating an unprecedented heterocyclic amino acid residue from the hypersaline lake-derived fungus *Penicillium simplicissimum* strain WSH17', *Phytochemistry Letters*. Elsevier, 36(February), pp. 95–98. doi: 10.1016/j.phytol.2020.01.022.
- Ellison, R. (1975) 'BOOK REVIEW'.
- Febrianto, R. E. (2014) Penapisan aktivitas antimikroba dari bakteri endofit spon laut *Halicona fascigera* asal Perairan pulau Mandeh Pesisir Selatan Sumatera Barat. [SKRIPSI]. Padang. Fakultas Farmasi Universitas Andalas.
- Fessenden, R. and Fessenden, J. (1982). *Kimia Organik (Ed. 3)*. Jakarta: Erlangga.
- Fieser, Louis F. and Williamson, K. L. (1992). *Organic Experiment. 7th ed.* Toronto: D. C. Heath and Company.
- Fukuda, T. et al. (2008) 'Citrinamides, new potentiators of antifungal miconazole activity, produced by *Penicillium* sp. FKI-1938', *Journal of Antibiotics*, 61(9), pp. 550–555. doi: 10.1038/ja.2008.73.

- Gandjar, I. . and Rohman, A. (2007). *Kimia Farmasi Analisis*. Yogyakarta: Pustaka Pelajar.
- Gandjar, I. and Rohman, A. (2018). *Spektroskopi Molekuler untuk Analisis Farmasi*. Yogyakarta: Gadjah Mada University Press.
- Gao, Y. et al. (2020) ‘Induction of New Lactam Derivatives From the Endophytic Fungus *Aplosporella javeedii* Through an OSMAC Approach’, *Frontiers in Microbiology*, 11(November). doi: 10.3389/fmicb.2020.600983.
- Gribble, G. W. (2015) ‘Biological activity of recently discovered halogenated marine natural products’, *Marine Drugs*, 13(7), pp. 4044–4136. doi: 10.3390/md13074044.
- Gritter, R. ., Bobbit, J. . and Schwarting, A. . (1991). *Pengantar Kromatografi*. Bandung: ITB Press.
- Guo, W. et al. (2013) ‘Sorbicillamines A-E, nitrogen-containing sorbicillinoids from the deep-sea-derived fungus *Penicillium* sp. F23-2’, *Journal of Natural Products*, 76(11), pp. 2106–2112. doi: 10.1021/np4006647.
- Guo, W. et al. (2015) ‘Penicyclones A-E, Antibacterial Polyketides from the Deep-Sea-Derived Fungus *Penicillium* sp. F23-2’, *Journal of Natural Products*, 78(11), pp. 2699–2703. doi: 10.1021/acs.jnatprod.5b00655.
- H, M. et al. (1994). ‘Purification of an Antiviral and Its Virucidal Substance Activity Produced against Fish by *Alteromonas* Viruses Kenichi Tajima and Yoshio Ezura Laboratory of Microbiology , Faculty of Fisheries , Hokkaido University , For the prevention of fish viral disea’, *Fish Pathology*, 30(1), pp. 15–22.
- Handayani, D. et al. (2020) ‘Fungal isolates from marine sponge *Chelonaplysilla* sp. : Diversity , antimicrobial and cytotoxic activities’, *Biodiversitas*, 21(5), pp. 1954–1960. doi: 10.13057/biodiv/d210523.
- Handayani, D. and Artasasta, M. A. (2017) ‘Antibacterial and cytotoxic activities screening of symbiotic fungi extract isolated from marine sponge *Neopetrosia chaliniformis* AR-01’, *Journal of Applied Pharmaceutical Science*, 7(05), pp. 66–69. doi: 10.7324/JAPS.2017.70512.
- Harborne, J. (1973). *Phytochemical Methods. Third edit.* UK: University of Reading.
- Hayashi, H. (2005) ‘Bioactive Alkaloids of Fungal Origin Hideo’, *Natural Product Chemistry*, 32, pp. 549–609.
- Hentschel, U. et al. (2002) ‘Molecular evidence for a uniform microbial community in sponges from different oceans’, *Applied and Environmental Microbiology*, 68(9), pp. 4431–4440. doi: 10.1128/AEM.68.9.4431-4440.2002.
- Hidayati, S. N. (2016) ‘7. Pertumbuhan *Escherichia coli* yang Diisolasi Dari Feses Anak Ayam Broiler Terhadap Ekstrak Daun Salam (*Syzygium polyanthum* [Wight.] Walp.) The Effect of Bay Leaf (*Syzygium*

- polyanthum [Wight.] Walp.) Extract on the Growth of Escherichia coli Isolated fro', *Jurnal Medika Veterinaria*, 8(1), pp. 2007–2010. doi: 10.21157/j.med.vet..v10i2.4636.
- Himawan, R. (2010). *Kromatografi Cair Kinerja Tinggi (KCKT)*. Jakarta: Universitas Indonesia Press.
- Irianto, K. (2013). *Mikrobiologi medis*. Bandung: Penerbit Alfabeta.
- Japoni, A., Farshad, S. and Alborzi, A. (2009) 'Pseudomonas aeruginosa: burn infection, treatment and antibacterial resistance', *Iranian Red Crescent Medical Journal*, 11(3), pp. 244–253.
- Jasin, M. (1992). *Zoologi Invertebrata untuk Perguruan Tinggi*. cetakan ke. Surabaya: Penerbit Sinar Wijaya.
- Jeon, Y. J. and Sim, C. J. (2010) 'A New Species of the Genus Chelonaplysilla (Demospongiae : Dendroceratida : Darwinellidae) from Korea', *Animal Cells and Systems*, 8354, pp. 245–248. doi: 10.1080/19768354.2008.9647179.
- Jyoti, K., Bala, M. and Arya, V. (2013) 'Endophytic Fungus : A Potential Source of Biologically Synthesized Nanoparticle', *Basic Research Journal of Microbiology*, 1(1), pp. 1–7.
- Kasi, Y. A. et al. (2016) 'Uji fek antibakteri jamur endofit daun mangrove Avicennia marina terhadap bakteri uji Staphylococcus aureus dan Shigella dysenteriae', *e-Biomedik (eBm)*, 3(April), pp. 112–117.
- Katzung, B., Masters, S. and Trevor, A. (2012). *Basic & Clinical Pharmacology. 12th Editi*. San Francisco: Mc Graw Hill Medical.
- Kjer, J. et al. (2010) 'Methods for isolation of marine-derived endophytic fungi and their bioactive secondary products', *nature protocols*, 5(3), pp. 479–490. doi: 10.1038/nprot.2009.233.
- Komai, S. I. et al. (2005) 'Two new meroterpenoids, penisimplicin A and B, isolated from Penicillium simplicissimum', *Chemical and Pharmaceutical Bulletin*, 53(9), pp. 1114–1117. doi: 10.1248/cpb.53.1114.
- Kusumaningtyas, E., Astuti, E. and Darmono, D. (2008) 'Sensitivitas metode bioautografi kontak dan agar overlay dalam penentuan senyawa antikapang', *Jurnal Ilmu Kefarmasian Indonesia*, 6(2), pp. 75–80.
- De la Fuente-Nunez, C. et al. (2017) 'Next-generation precision antimicrobials: towards personalized treatment of infectious diseases', *Current Opinion in Microbiology*. Elsevier Ltd, 37(June), pp. 95–102. doi: 10.1016/j.mib.2017.05.014.
- Levinson, W. and Jawetz, E. (1996). *Medical microbiology and immunology: examination and board review. 4 th*. USA: Appleton & Lange.

- Li, H. et al. (2018) 'Simpterpenoid A, a Meroterpenoid with a Highly Functionalized Cyclohexadiene Moiety Featuring gem-Propane-1,2-dione and Methylformate Groups, from the Mangrove-Derived *Penicillium simplicissimum* MA-332', *Organic Letters*, pp. 8–11. doi: 10.1021/acs.orglett.8b00327.
- Lin, Z. et al. (2009) 'Spicochalsin a and new aspochalsins from the marine-derived fungus *spicaria elegans*', *European Journal of Organic Chemistry*, (18), pp. 3045–3051. doi: 10.1002/ejoc.200801085.
- Liu, D. S. et al. (2018) 'Raistrickiones a–e from a highly productive strain of *penicillium raistrickii* generated through thermo change', *Marine Drugs*, 16(6). doi: 10.3390/md16060213.
- Liu, W. C. et al. (2016) 'Production of polyketides with anthelmintic activity by the fungus *Talaromyces wortmannii* using one strain-many compounds (OSMAC) method', *Phytochemistry Letters*. Phytochemical Society of Europe, 18, pp. 157–161. doi: 10.1016/j.phytol.2016.10.006.
- Lowder, B. V. et al. (2009) 'Recent human-to-poultry host jump, adaptation, and pandemic spread of *Staphylococcus aureus*', *Proceedings of the National Academy of Sciences of the United States of America*, 106(46), pp. 19545–19550. doi: 10.1073/pnas.0909285106.
- Mayaka, R. K. et al. (2019) 'Chemical compounds from the Kenyan polypore *Trametes elegans* (Spreng:Fr.) Fr (Polyporaceae) and their antimicrobial activity', *International Journal of Biological and Chemical Sciences*, 13(4), p. 2352. doi: 10.4314/ijbcs.v13i4.37.
- Ménard, L. P. and Dubreuil, J. D. (2002) 'Enterotoxigenic *Escherichia coli* heat-stable enterotoxin 1 (EAST1): A new toxin with an old twist', *Critical Reviews in Microbiology*, 28(1), pp. 43–60. doi: 10.1080/1040-840291046687.
- Michael W, D. (2006). *Modern HPLC For Practicing Scientists*. United States of America: Wiley Interscience.
- Moon, D. et al. (1995) 'Some Peroxysterols and Ceramides from "Phellinus ribis", a Korean Wild Mushroom.pdf'. korea: *Journal of the Korea Society of Analytical Sciences*.
- Mukherjee, I., Das, S. K. and Kumar, A. (2012) 'A Fast Method for Determination of Flubendiamide in Vegetables by Liquid Chromatography', 24(2), pp. 159–162.
- Murniasih, T. (2004) 'Potensi Mikroorganisme Sebagai Sumber Bahan Obat-obatan Dari Laut Yang Dapat Dibudidayakan', *Oseana*, XXIX(1), pp. 1–7.
- Nigam, V. K. et al. (2007) 'Influence of medium constituents on the biosynthesis of cephalosporin-C', *Electronic Journal of Biotechnology*, 10(2), pp. 230–239. doi: 10.2225/vol10-issue2-fulltext-8.

- Odumosu, B. T., Adeniyi, B. A. and Chandra, R. (2013) 'Analysis of integrons and associated gene cassettes in clinical isolates of multidrug resistant *Pseudomonas aeruginosa* from Southwest Nigeria', *Annals of Clinical Microbiology and Antimicrobials*, 12(1), pp. 1–7. doi: 10.1186/1476-0711-12-29.
- Oktari, V. R. (2022) Induksi Produksi Metabolit Sekunder Jamur Endofit *Aspergillus tamarii* NFB1 Dengan Penambahan Monosodium Glutamat 3,5% Pada Media Beras dan Uji Aktivitas Antibakteri. [SKRIPSI]. Padang. Fakultas Farmasi. Universitas Andalas. 97 hal.
- Pan, R. et al. (2019) 'Exploring structural diversity of microbe secondary metabolites using OSMAC strategy: A literature review', *Frontiers in Microbiology*, 10(FEB), pp. 1–20. doi: 10.3389/fmicb.2019.00294.
- Pitt, J. . and D, H. . (2012) *Fungi and Food Spoilage*. London: London: *Springer Science & Business Media*.
- Ponce, M. A. et al. (2002) 'A new look into the reaction between ergosterol and singlet oxygen in vitro', *Photochemical and Photobiological Sciences*, 1(10), pp. 749–756. doi: 10.1039/b204452h.
- Proksch, P. et al. (2003) 'Detection of pharmacologically active natural products using ecology . Selected examples from Indopacific marine invertebrates and sponge-derived fungi', *Pure and Applied Chemistry*, 75, pp. 343–352.
- Radjasa, O. K. et al. (2007) 'Richness of Secondary Metabolite - Producing Marine Bacteria Associated with Sponge *Haliclona* sp.', *International Journal of Pharmacology*, pp. 275–279.
- Radji, M. (2005) 'Peranan Bioteknologi dan Mikroba Endofit dalam Pengembangan Obat Herbal. Majalah Ilmu Kefarmasian', *Majalah Ilmu Kefarmasian*, 2, pp. 113–126.
- Radji, M., Puspaningrum, A. and Sumiati, A. (2010) 'Deteksi Cepat Bakteri *Escherichia coli* Dalam Sampel Air Dengan Metode Polymerase Chain Reaction Menggunakan Primer 16E1 Dan 16E2', *MAKARA, SAINS*, 14, pp. 39–43.
- Raj, A. (2012) 'Antibiotic resistance, plasmid and RAPD profiles of multidrug resistant coliform bacteria isolated from sewage samples of Ghaziabad city, India', *Universal Journal of Environmental Research and Technology*, 2(4), pp. 318–324.
- Reen, F. J. et al. (2015) 'The sound of silence: Activating silent biosynthetic gene clusters in marine microorganisms', *Marine Drugs*, 13(8), pp. 4754–4783. doi: 10.3390/md13084754.
- Reha, W. et al. (2013) 'Characterization of Active Protein from Sponges and Its Microsymbions As Initial Efforts Towards Immunostimulant Agents', *Marina Chimica Acta*, 14(1).

- Romano, S. (2018) 'Ecology and biotechnological potential of bacteria belonging to the genus *Pseudovibrio*', *Applied and Environmental Microbiology*, 84(8). doi: 10.1128/AEM.02516-17.
- Romano, S. et al. (2018) 'Extending the "one strain many compounds" (OSMAC) principle to marine microorganisms', *Marine Drugs*, 16(7), pp. 1–29. doi: 10.3390/md16070244.
- Ruiz, B. et al. (2010) 'Production of microbial secondary metabolites: Regulation by the carbon source', *Critical Reviews in Microbiology*, 36(2), pp. 146–167. doi: 10.3109/10408410903489576.
- Safirna, N. (2019) Isolasi Jamur dari Spon Laut *Chelonaplysilla* sp. dan Uji Aktivitas Antimikroba. [SKRIPSI]. Padang. Fakultas Farmasi. Universitas Andalas. 91 hal.
- Saifudin, A. (2014). *Senyawa Alam Metabolit Sekunder*. Yogyakarta: Deepublish.
- Scognamiglio, T. et al. (2010) 'Comparison of inhibitory mold agar to sabouraud dextrose agar as a primary medium for isolation of fungi', *Journal of Clinical Microbiology*, 48(5), pp. 1924–1925. doi: 10.1128/JCM.01814-09.
- Setiabudy, R. (2007). *Farmakologi dan terapi*. Jakarta: Bagian Farmakologi Fakultas Kedokteran Universitas Indonesia.
- Si, Y. et al. (2018) 'Cytotoxic cytochalasans from *Aspergillus flavipes* PJ03-11 by OSMAC method', *Tetrahedron Letters*, 59(18), pp. 1767–1771. doi: 10.1016/j.tetlet.2018.03.077.
- Silverstein, R., Bassler, G. and Morrill, T. (1991). *Spectrometric Identification of Organic Compound (4th Ed)*. Singapore: John Wiley and Sons.
- Silverstein, R. M., Webster, F. X. and Kiemle, D. J. (1963). *Spectrometric Identification of Organic Compounds*. United States of America: College of Environment Science & Forestry.
- Singh, V. et al. (2017) 'Strategies for fermentation medium optimization: An in-depth review', *Frontiers in Microbiology*, 7(JAN). doi: 10.3389/fmicb.2016.02087.
- Stachowitsch, M. (1992) 'Benthic communities: Eutrophication 's' memory mode ', *Science of the Total Environment*, pp. 1017–1028. doi: 10.1016/B978-0-444-89990-3.50088-2.
- Stefani, S. et al. (2012) 'Meticillin-resistant *Staphylococcus aureus* (MRSA): Global epidemiology and harmonisation of typing methods', *International Journal of Antimicrobial Agents*. Elsevier B.V., 39(4), pp. 273–282. doi: 10.1016/j.ijantimicag.2011.09.030.
- Suciati et al. (2014) 'Isolasi dan Skrining Antimikroba Jamur Endofit dari Beberapa Spon Indonesia', *E-journal Planta Husada*, 2 (2), pp. 40–43.

- Sujatha, P., Bapi Raju, K. V. V. S. N. and Ramana, T. (2005) 'Studies on a new marine streptomycete BT-408 producing polyketide antibiotic SBR-22 effective against methicillin resistant *Staphylococcus aureus*', *Microbiological Research*, 160(2), pp. 119–126. doi: 10.1016/j.micres.2004.10.006.
- Sunarmi, N. (2010) Isolasi dan identifikasi jamur endofit dari akar tanaman kentang sebagai anti jamur (*Fusarium* sp, *Phytophthora infestans*) dan anti bakteri (*Ralstonia solanacearum*). Universitas Islam Negeri Malang.
- Suparno, S. and Hatta, U. B. (2017) 'Kajian Bioaktif Spons Laut (Forifera : Demospongiae) Suatu Peluang Alternatif Pemanfaatan Ekosistem Karang Indonesia', (October).
- Susanty, S. and Bachmid, F. (2016) 'Perbandingan Metode Ekstraksi Maserasi dan refluks Terhadap Kadar Fenolik Dari Ekstrak Tongkol Jagung (*Zea mays* L.)', *Jurnal Konversi*, 5(2), p. 87. doi: 10.24853/konversi.5.2.87-92.
- Thera-, M. and Phar-, R. (2017) 'Antibiotics Currently in Clinical Development Expected activity against a CDC urgent threat pathogen? 4 Potential indication(s) 5 *New Drug Application (NDA)* submitted 2', (May). Available at: <https://www.pewtrusts.org/~/media/assets/2017/05/antibiotics-currently-in-clinical-development-03-2017.pdf>.
- Tripathi, R. et al. (2016) 'Soil quality in mangrove ecosystem deteriorates due to rice cultivation', *Ecological Engineering*. Elsevier B.V., 90, pp. 163–169. doi: 10.1016/j.ecoleng.2016.01.062.
- Tripathi, V. C. et al. (2020) 'The discovery of antioxidants in marine microorganisms and their protective effects on the hepatic cells from chemical-induced oxidative stress', *Free Radical Research*, 54(2–3), pp. 150–161. doi: 10.1080/10715762.2020.1725499.
- Trisno, K., Tono, K. P. and Gusti Ketut Suarjana, I. (2019) 'Isolasi dan Identifikasi Bakteri *Escherichia Coli* dari Udara pada Rumah Potong Unggas Swasta di Kota Denpasar', *Indonesia Medicus Veterinus*, 8(5), pp. 2477–6637. doi: 10.19087/imv.2019.8.5.685.
- Tsumamal, M. (1967) 'Chelonaplysilla erecta N.SP.(Demospongiae, Keratosa) from Mediterranean coast of Israel', *Israel Journal Zoology*, 16(March 2015), pp. 96–100. doi: 10.1080/00212210.1967.10688251.
- Tudzynski, B. (2014) 'Nitrogen regulation of fungal secondary metabolism in fungi', *Frontiers in Microbiology*, 5(NOV), pp. 1–16. doi: 10.3389/fmicb.2014.00656.
- Tzean, S. . et al. (1994) 'Penicillium and Related Teleomorphs from Taiwan', *Mycological Monograph of The Food Industry Research and Development Institute*, 1, pp. 1–157.

- Umamaheswari, M. et al. (2009) 'In vitro xanthine oxidase inhibitory activity of the fractions of *Erythrina stricta* Roxb.', *Journal of Ethnopharmacology*, 124(3), pp. 646–648. doi: 10.1016/j.jep.2009.05.018.
- Virolle, C. et al. (2020) 'Plasmid transfer by conjugation in gram-negative bacteria: From the cellular to the community level', *Genes*, 11(11), pp. 1–33. doi: 10.3390/genes11111239.
- Vogeser, M. and Seger, C. (2008) 'A decade of HPLC-MS/MS in the routine clinical laboratory - Goals for further developments', *Clinical Biochemistry*, 41(9), pp. 649–662. doi: 10.1016/j.clinbiochem.2008.02.017.
- Wang, F. Z. et al. (2011) 'Three new cytochalasins from the marine-derived fungus *spicaria elegans* KLA03 by supplementing the cultures with L - And D -tryptophan', *Chemistry and Biodiversity*, 8(5), pp. 887–894. doi: 10.1002/cbdv.201000133.
- Wang, W. J. et al. (2014) 'Caryophyllene sesquiterpenes from the marine-derived fungus *Ascotricha* sp. ZJ-M-5 by the one strain-many compounds strategy', *Journal of Natural Products*, 77(6), pp. 1367–1371. doi: 10.1021/np500110z.
- Wattimena, J. . and Gwan, T. . (1968). *Dasar-dasar pembuatan dan resep- resep obat suntik*. Bandung: Teratai Bandung.
- Wellington, E. M. H. et al. (2013) 'The role of the natural environment in the emergence of antibiotic resistance in Gram-negative bacteria', *The Lancet Infectious Diseases*. Elsevier Ltd, 13(2), pp. 155–165. doi: 10.1016/S1473-3099(12)70317-1.
- Whittam, T. S, et. al (2011) 'Pathogenesis and evolution of virulence in enteropathogenic and enterohemorrhagic *Escherichia coli*', *J. Clin. Invest*, 107, pp. 539–548.
- Widyaningsih, S. et al. (2018) 'Antibacterial Activity Symbiotic Fungi of Marine Sponge *Axinella* sp ., *Aspergillus Sydowii* on Four Growth Medium Antibacterial Activity Symbiotic Fungi of Marine Sponge *Axinella* sp ., *Aspergillus Sydowii* on Four Growth Medium'.
- You, X. et al. (2019) 'Antifungal Activity of Compounds Isolated from Bamboo Vermicompost against <i>Rhizoctonia solani</i> AG1-IB', *Advances in Microbiology*, 09(12), pp. 957–970. doi: 10.4236/aim.2019.912061.
- Young, J. C. O. C. (2015) 'True Melting Point Determination', *The Chemical Educator*, 18(January 2013). doi: 10.1333/s00897132500a.
- Zhao, J. et al. (2010) 'Antimicrobial Metabolites from the Endophytic Fungus *Pichia guilliermondii* Isolated from *Paris polyphylla* var. *yunnanensis*', pp. 7961–7970. doi: 10.3390/molecules15117961.