

## DAFTAR PUSTAKA

- Alami, N. H., Maulidiya, L. L., Kuswytasari, N. D., Zulaika, E., & Shovitri, M. (2019). the Potential of Yeasts from the Oil-Contaminated Soil and Mangrove Rhizosphere for Degrading Crude Oil. *Biodiversitas Journal of Biological Diversity*, 20(7).
- Ali, B., & Nugroho, P. A. (2017). Analisis Pemakaian Bahan Bakar *High Speed Diesel* dan Biodiesel (B30) terhadap Konsumsi Bahan Bakar dan Emisi Gas Buang Mesin Diesel PLTD 1.4 MW. *Presisi*, 18(2).
- Al-Otibi, F., Al-Zahrani, R. M., & Marraiki, N. (2022). The Crude Oil Biodegradation Activity of *Candida* Strains Isolated from Oil-Reservoirs Soils in Saudi Arabia. *Scientific Reports*, 12(1), 10708.
- Ambarsari, H., Asriyani, L., & Ridlo, A. (2020). Isolasi dan Produktivitas Bakteri Ureolitik dari Sedimen Muara Sungai Citarum. *Jurnal Teknologi Lingkungan*, 21(2), 147-156.
- Anggraini, I. F. (2019). I Interpretasi Hasil Analisa Produk Solar 48 dengan Parameter *Appearance, Distillation, Viscosity Kinematic Dan Pour Point* di PT Pertamina (Persero) Refinery Unit IV Cilacap. *Jurnal Teknik Patra Akademika*, 10(2), 55-62.
- Asemoloye, M. D., Tosi, S., Daccò, C., Wang, X., Xu, S., Marchisio, M. A., ... & Pecoraro, L. (2020). Hydrocarbon Degradation and Enzyme Activities of *Aspergillus oryzae* and *Mucor irregularis* Isolated from Nigerian Crude Oil-Polluted Sites. *Microorganisms*, 8(12), 1912.
- Bajagain, R., Lee, S., & Jeong, S. W. (2018). Application of Persulfate-Oxidation Foam Spraying as a Bioremediation Pretreatment for Diesel Oil-Contaminated Soil. *Chemosphere*, 207, 565-572.
- Bekele, G. K., Gebrie, S. A., Mekonen, E., Fida, T. T., Woldesemayat, A. A., Abda, E. M., ... & Assefa, F. (2022). Isolation and Characterization of Diesel-Degrading Bacteria from Hydrocarbon-Contaminated Sites, Flower Farms, and Soda Lakes. *International Journal of Microbiology*, 22(1), 5655767.
- Bolu, W. O. R. A. S., Setyati, W. A., & Sedjati, S. (2024). Identifikasi Molekuler dan Uji Potensi Khamir Laut sebagai Penghasil Enzim Ekstraseluler. *Journal of Marine Research*, 13(2), 257-264.
- Burghal, A. A., Abu-Mejdad, N. M. J. A., & Al-Tamimi, W. H. (2016). Mycodegradation of Crude Oil by Fungal Species Isolated from Petroleum Contaminated Soil. *International Journal of Innovative Research in Science, Engineering and Technology*, 5(2), 1517-1524.

- Chandran, P., & Das, N. (2012). Role of Sophorolipid Biosurfactant in Degradation of Diesel Oil by *Candida tropicalis*. *Bioremediation Journal*, 16(1), 19-30.
- Chevron. (2007). *Diesel fuels technical review*. Chevron Corporation: California.
- Chuchón-Martínez, S. A., Delgadillo-Coronado, P. M., Gastelu-Quispe, R. N., Huaman-De La Cruz, R. E., & Rivera-Villar, J. J. (2025). Degradation of Diesel Oil by Microorganisms Isolated from Lagoons of the “Totora” Wastewater Treatment Plant, Ayacucho. *Edelweiss Applied Science and Technology*, 9(4), 415-426.
- Da Costa E, D’Souza J. (1979). Studies on Estuarine Yeasts: III. Hydrocarbon degraders. *Mahas*; 12, 155–61.
- Dailami, M., Saleky, D., Toha, A. H. A., & Agamawan, L. P. I. (2022). Identifikasi Genetik Udang Mantis dengan Pendekatan DNA Barcoding Gen Sitokrom Oksidase 1 (CO1). *ACROPORA J. Ilmu Kelaut. dan Perikan. Papua*, 5.
- Daris, P. J. J., Wilopo, W., Warmada, W., & Retnaningrum, E. (2024). Degradation of Diesel fuel by *Pseudomonas aeruginosa* B031 with Expression of the alkB Gene in a Column Bioreactor. *Journal of Degraded & Mining Lands Management*, 12(1).
- Das, N., & Chandran, P. (2011). Microbial Degradation of Petroleum Hydrocarbon Contaminants: an Overview. *Biotechnology research international*, (1), 941810.
- Dewanata, P. A., & Mushlih, M. (2021). Differences in DNA Purity Test Using UV-Vis Spectrophotometer and Nanodrop Spectrophotometer in Type 2 Diabetes Mellitus Patients. *Indonesian Journal of Innovation Studies*, 15, 10-21070.
- Divya, D., Rishad, K. S., Arjunan, S., Gopinath, L. R., & Merlin, C. P. (2013). ITS-PCR Based Molecular Identification of Fungi Associated with Piper Nigrum and ITS Growth Sensitivity Against *Pseudomonas fluorescent*. *Int J of Interdisci Res and Revs*, 1(03), 26-33.
- Fadhilah, S., & Nurhalimah, S. (2024). Analisis Kimia Pati Sagu dari Berbagai Pati Lokal. *Karimah Tauhid*, 3(10), 11726-11738.
- Fajarningsih, N. D. (2016). Internal Transcribed Spacer (ITS) as DNA Barcoding to Identify Fungal Species: a Review. *Squalen Bulletin of Marine and Fisheries Postharvest and Biotechnology*, 11(2), 37-44.
- Fanny, N. D., Linda, T. M., & Martina, A. (2018). Kemampuan Isolat Tunggal dan Konsorsium Aktinomisetes Lokal Riau dalam Mendegradasi Hidrokarbon Minyak Bumi. *Jurnal Bio-Site: Biologi dan Sains Terapan*, 4(2), 53-60.

- Fujita, S. I., Senda, Y., Nakaguchi, S., & Hashimoto, T. (2001). Multiplex PCR Using Internal Transcribed Spacer 1 and 2 Regions for Rapid Detection and Identification of Yeast Strains. *Journal of clinical microbiology*, 39(10), 3617–3622. <https://doi.org/10.1128/JCM.39.10.3617-3622.2001>
- Garcia, A. D., & Purwanti, I. F. (2022). Kajian Bioaugmentasi pada Air Tanah Tercemar Solar di Kecamatan Gedongtengen, Kota Yogyakarta. *Jurnal Teknik ITS*, 11(3), F105-F111.
- Gargouri, B., Mhiri, N., Karray, F., Aloui, F., & Sayadi, S. (2015). Isolation and Characterization of Hydrocarbon-Degrading Yeast Strains from Petroleum Contaminated Industrial Wastewater. *BioMed research international*, 2015, 929424. <https://doi.org/10.1155/2015/929424>
- Ghazali, F. M., Suryanti, S., & Ain, C. (2024). Inventarisasi Gastropoda yang Berasosiasi pada Ekosistem Mangrove di Tapak Semarang Jawa Tengah. *Jurnal Penelitian Perikanan Indonesia*, 30(3), 140-150.
- Hartati, S., Wiyono, S., Hidayat, S. H., & Sinaga, M. S. (2021). Identifikasi Isolat Khamir Berpotensi sebagai Agens Antagonis dan Uji Produksi Toksin Hemolisin. *Agrikultura*, 32(2), 190-198.
- Hedar, Y. S., & Leestiana, F. (2022). Analisis Pengaruh Pemotongan Trayek Titik Didih Minyak Solar Terhadap Nilai *Calculated Cetane Index* (CCI). *Jurnal Nasional Pengelolaan Energi Migas Zoom*, 4(2), 51-66.
- Hermansyah, H., Sutami, N., & Miksusanti, M. (2018). Amplifikasi PCR domain d1/d2 28s rDNA menggunakan Primer ITS1 dan ITS4 Sampel DNA dari *Candida tropicalis* yang Diisolasi dengan Metode Pendinginan. *Indonesian Journal of Pure and Applied Chemistry*, 1(1), 1-9.
- Hidayat, A. (2017). Pengaruh Penggunaan Bahan Bakar Solar, Bio Solar dan Pertamina Dex terhadap Opasitas Gas Buang pada Mesin Diesel Commonraol D-4D turbocharger. *Jurnal Teknik Otomotif*, 1(2): 1-8.
- Hikmah, A. N., Rais, M., & Putra, R. P. (2024). Isolasi dan Identifikasi Khamir Indigenous pada Fermentasi Spontan Biji Kopi Robusta (*Coffea Canephora*) di Kabupaten Bantaeng. *Jurnal Ilmiah Mahasiswa Teknologi Pertanian*, 1(1), 1-11.
- Huth, M., & Heilos, A. (2013). *Fuel Flexibility in Gas Turbine Systems: Impact on Burner Design and Performance*. In *Modern Gas Turbine Systems* (pp. 635-684). Woodhead Publishing.
- Hyde, K.D., 1989. Ecology for Tropical Marine Fungi. *Hydrobiologia*. 178: 199-208.
- Hoang, M. T. V., Irinyi, L., Chen, S. C. A., Sorrell, T. C., ISHAM Barcoding of Medical Fungi Working Group, & Meyer, W. (2019). Dual DNA

- Barcoding for the Molecular Identification of the Agents of Invasive Fungal Infections. *Frontiers in microbiology*, 10, 1647. <https://doi.org/10.3389/fmicb.2019.01647>
- Indoung, S., Chumtong, S., Prachantasena, S., Wiriyaprom, R., Surachat, K., Pomwised, R., & Ngasaman, R. (2025). Whole-Genome Sequencing of *Hyphopichia burtonii* from Isolated Yeast Recovered from Zebra Dove Droppings in Thailand. *PloS one*, 20(6), e0315067.
- Islam Sajib, M. S., & Rahman, T. (2017). Assessment of Hydrocarbon Degradability of the Bacterial Species Isolated from Different Oil Contaminated Sites of Bangladesh. *Environ Sci Ind J*, 13(4), 141.
- Ite, A. E., & Ibok, U. J. (2019). Role of Plants and Microbes in Bioremediation of Petroleum Hydrocarbons Contaminated soils. *International Journal of Environmental Bioremediation & Biodegradation*, 7(1), 1-19.
- Jati, W. W., Kristini, A., Mulyatni, A. S., & Abadi, A. L. (2023). Identifikasi Molekuler *Trichoderma* sp. Isolat T10 ISRI sebagai Agen Hayati Penyakit Busuk Akar dan Pangkal Batang *Xylaria*. *Indonesian Sugar Research Journal*, 3(1), 25-32.
- Ji, Y., Mao, G., Wang, Y., & Bartlam, M. (2013). Structural Insights into Diversity and N-Alkane Biodegradation Mechanisms of Alkane Hydroxylases. *Frontiers in microbiology*, 4, 58.
- Jia, S. L., Chi, Z., Liu, G. L., Hu, Z., & Chi, Z. M. (2020). Fungi in Mangrove Ecosystems and their Potential Applications. *Critical Reviews in Biotechnology*, 40(6), 852-864.
- Johnson, J. S., Spakowicz, D. J., Hong, B. Y., Petersen, L. M., Demkowicz, P., Chen, L., ... & Weinstock, G. M. (2019). Evaluation of 16S rRNA Gene Sequencing for Species and Strain-Level Microbiome Analysis. *Nature communications*, 10(1), 5029.
- Kachiprath, B., Solomon, S., Jayanath, G., & Philip, R. (2019). Mangrove Microflora as Potential Source of Hydrolytic Enzymes for Commercial Applications. *Indian journal of Geo Marine Sciences*, 48(05), 678-684.
- Kausar, T. (2018). Kajian Minyak Solar dari Hasil Penyulingan Tradisional (Studi Kasus Pertambangan Minyak Tradisional di Desa Pasir Putih Aceh Timur). *Jurnal Mekanova: Mekanikal, Inovasi dan Teknologi*, 4(1).
- Khalid, F. E., Lim, Z. S., Sabri, S., Gomez-Fuentes, C., Zulkharnain, A., & Ahmad, S. A. (2021). Bioremediation of Diesel Contaminated Marine Water by Bacteria: A review and Bibliometric Analysis. *Journal of Marine Science and Engineering*, 9(2), 155.
- Kolsal, F., Akbal, Z., Liaqat, F., Gök, O., Sponza, D. T., & Eltem, R. (2017). Hydrocarbon Degradation Abilities of Psychrotolerant *Bacillus* strains. *AIMS microbiology*, 3(3), 467.

- Kunthiphun, S., Chokreansukchai, P., Hondee, P., Tanasupawat, S., & Savarajara, A. (2018). Diversity and Characterization of Cultivable Oleaginous Yeasts Isolated from Mangrove Forests. *World Journal of Microbiology and Biotechnology*, 34(9), 125.
- Larasati, S. J. H., Sabdono, A., & Sibero, M. T. (2021). Identifikasi Molekuler Kapang Asosiasi Spons Menggunakan Metode DNA Barcoding. *Journal of Marine Research*, 10(1), 48-54.
- Mahmuda, R., Aritonang, D., Evitrisna, E., & Harefa, M. S. (2023). Mengatasi dalam Rehabilitasi di Kawasan Mangrove di Paluh Merbau, Tanjung Rejo, Kabupaten Deli Serdang. *Humantech: Jurnal Ilmiah Multidisiplin Indonesia*, 2(3), 553-565.
- Maya, F. N., & Alami, N. H. (2019). Uji Potensi Isolat Khamir dari Rhizosfer Mangrove Wonorejo dan Gunung Anyar Sebagai Agen Penghasil IAA (Indole Acetic Acid). *Jurnal Sains dan Seni ITS*, 8(1), 4-8.
- Millatia, Z., Sabdaningsih, A., & Muskananfolo, M. R. (2023). Isolasi dan Karakterisasi Jamur dari Sedimen Mangrove Tapak, Semarang. *Jurnal Pasir Laut*, 6(2), 67-74.
- Mirza, M., Anggoro, S., & Muhammad, F. (2022). Strategi Pengembangan Ekowisata Mangrove Pesisir Tapak Kelurahan Tugurejo, Semarang, Jawa Tengah. *Jurnal Ilmu Lingkungan*, 20(4), 806-815.
- Mudaningrat, A., Umayu, F., Syahriza, F. A. A., Anggraito, Y. U., & Setiati, N. (2023). Literature Review: Aplikasi Penanda Molekuler untuk Analisis Keanekaragaman Genetik Hewan. *BIOPENDIX: Jurnal Biologi, Pendidikan dan Terapan*, 10(1), 11-25.
- Nanlohy, L. H., & Masniar, M. (2020). Manfaat Ekosistem Mangrove dalam Meningkatkan Kualitas Lingkungan Masyarakat Pesisir. *Abdimas: Papua Journal of Community Service*, 2(1), 1-4.
- Nestor, B. J., Bayer, P. E., Fernandez, C. G. T., Edwards, D., & Finnegan, P. M. (2023). Approaches to Increase the Validity of Gene Family Identification Using Manual Homology Search Tools. *Genetica*, 151(6), 325-338.
- Nimsi, K. A., Manjusha, K., & Krupesh, C. K. (2023). Diversity and Hydrolytic Potentials of Manglicolous Yeasts Associated with Mangrove Trees *Rhizophora* and *Avicennia* Found in Kerala, India. *Journal of Aquatic Biology & Fisheries*, 11(S1), 1-7.
- Nimsi, K. A., Manjusha, K., Hatha, A. A. M., & Kathiresan, K. (2023). Diversity, Distribution, and Bioprospecting Potentials of Manglicolous Yeasts: a Review. *FEMS Microbiology Ecology*, 99(5).
- Noviyanty, Y. N., Herlina, H., & Fazihkun, C. (2020). Identification and Determination of Saponin Levels from Bidurrot Extract (*Calotropis*

- Gigantea* L) Using Gravimetry Method. *Journal of Pharmaceutical and Sciences*, 3(2), 100-105.
- Nurhariyati, T., Ni'matuzahroh, N. M., & Surtiningsih, T. (2006). Biodegradasi Minyak oleh *Rhodotorula* dan *Candida* Hasil Isolasi dari Pelabuhan Tanjung Perak Surabaya. *Berkala Penelitian Hayati*, 12(1), 27-31.
- Nurjanah, I., & Munir, M. (2020). Potensi Degradasi Minyak Solar oleh Bakteri Hidrokarbonoklastik di Perairan Pelabuhan Tanjung Perak Surabaya. *Journal of Marine Resources and Coastal Management*, 1(1), 31-37.
- Palanisamy, N., Ramya, J., Kumar, S., Vasanthi, N. S., Chandran, P., & Khan, S. (2014). Diesel Biodegradation Capacities of Indigenous Bacterial Species Isolated from Diesel Contaminated Soil. *Journal of Environmental Health Science and Engineering*, 12(1), 142.
- Patantis, G., & Fawzya, Y. N. (2009). Teknik Identifikasi Mikroorganisme Secara Molekuler. *Squalen Bulletin of Marine and Fisheries Postharvest and Biotechnology*, 4(2), 72-82.
- Patel, K., & Patel, F. R. (2020). Screening of Biosurfactant Producing Yeasts Isolated from Mangrove Ecosystem of Surat region of Gujarat, India. *Indian J. Sci. Technol*, 13, 204.
- Pratama, A., Gumilar, J., Putranto, W. S., & Rukayadi, Y. (2024). Isolation, Identification, and Characteristics of Local Yeast Isolates with Proteolytic Capability Obtained from Traditional Processed Indonesian Duck Eggs. *Journal of Pure & Applied Microbiology*, 18(3).
- Prihartini, M., & Ilmi, M. (2018). Karakterisasi dan Klasifikasi Numerik Khamir Madu Hutan dari Sulawesi Tengah. *Jurnal Mikologi Indonesia*, 2(2), 112-127.
- Putra, W. A., rini Diharmi, A., & Karnila, R. (2021). Aktivitas Ekstrak Kasar Enzim Kolagenase dari Organ dalam Ikan Malong (*Congresox talabon*) pada pH Berbeda. *Jurnal Teknologi dan Industri Pertanian Indonesia*, 13(1), 27-30.
- Rahayu, D. A., & Jannah, M. (2019). *DNA Barcode Hewan dan Tumbuhan Indonesia*. Yayasan Inspirasi Ide Berdaya.
- Rahmelia, D., Diah, A. W. M., & Said, I. (2015). Analisis Kadar Kalium (K) dan Kalsium (Ca) dalam Kulit dan Daging Buah Terung Kopek Ungu (*Solanum melongena*) Asal Desa Nupa Bomba Kecamatan Tanantovea Kabupaten Donggala. *Jurnal Akademika Kimia*, 4(3), 143-148.
- Rakowska, J. (2020). Remediation of Diesel-Contaminated Soil Enhanced with Firefighting Foam Application. *Scientific Reports*, 10(1), 8824.

- Rehman, R., Ali, M. I., Ali, N., Badshah, M., Iqbal, M., Jamal, A., & Huang, Z. (2021). Crude Oil Biodegradation Potential of Biosurfactant-Producing *Pseudomonas aeruginosa* and *Meyerozyma* sp. *Journal of Hazardous Materials*, 418, 126276.
- Rijal, M. (2017). Isolasi Kapang Pendegradasi Hidrocarbon dari Limbah Minyak Bumi PT. Ollopo Bula. *Techno*, 6(01), 1-10.
- Rijal, S., Zainal, F. A., & Badollahi, M. Z. (2020). Potensi Hutan Mangrove Sebagai Daya Tarik Wisata. *Pusaka: Journal of Tourism, Hospitality, Travel and Business Event*, 2(2), 153-159.
- Ristiati, N. P., Mulyadiharja, S., & Putra, I. G. (2016). Uji Kemampuan Degradasi Minyak Solar oleh Konsorsium Bakteri Hasil Preservasi dengan Kombinasi Metode Liofilisasi dan Metode Gliserol. In *Prosiding Seminar Nasional MIPA*.
- Salsabila, G. H. H. (2019). Proses Treatment *Marine Fuel Oil* (MFO) sebagai Bahan Bakar pada Mesin Diesel. *Jurnal Kompetensi Teknik*, 11(1), 30-35.
- Sarma, V. V., & Hyde, K. D. (2001). A Review on Frequently Occurring Fungi in Mangroves. *Fungal Divers*, 8, 1-34.
- Senen, H., Lasut, M. T., & Tasirin, J. S. (2018). Deskripsi Vegetasi Hutan Mangrove di Desa Pungkol, Kecamatan Tatapaaan. In *Cocos*, 1(2).
- Sinaga, L. D., & Abdillah, T. (2023). Analisa Kualitas Kinerja Injektor terhadap Konsumsi Bahan Bakar Motor Diesel Motor Tunker. *Energetic. Jurnal Persegi Bulat*, 2(1), 39-47.
- Skaik Y. (2015). The Bread and Butter of Statistical Analysis "T-test": Uses and Misuses. *Pakistan journal of medical sciences*, 31(6), 1558–1559. <https://doi.org/10.12669/pjms.316.8984>
- Subari, A., Razak, A., & Sumarmin, R. (2021). Phylogenetic Analysis of *Rasbora* spp. Based on the Mitochondrial DNA COI Gene in Harapan Forest. *Jurnal Biologi Tropis*, 21(1), 89-94.
- Sukapiring, D. N., Novianty, L., & Harahap, S. N. (2024). Molecular Identification of Fungi Carried by Chili Seeds (*Capsicum annuum* L.) from Tanjung Morawa B Village, North Sumatra. *Jurnal Pembelajaran dan Biologi Nukleus*, 10(2), 379-388.
- Sundari, S., Priadi, B., & Sudarmaji, S. (2018). Perbandingan Tiga Metode Ekstraksi DNA untuk Analisa PCR Ikan Baung (*Hemibagrus nemurus*). *Buletin Teknik Litkayasa Akuakultur*, 16(2), 67-72.
- Su'udi, M., Ramadany, Z., Rohimah, S., Arum, A. Y., Setyati, D., & Ulum, F. B. (2023). Peran Mini-Barcode Internal Transcribed Spacer 2 (ITS2) untuk Identifikasi Molekuler Spesies Anggrek. *Indonesian Journal of Biotechnology and Biodiversity*, 7(1), 34-45.

- Syah, R. F., Agus I., & Nuniek I. R. (2018). Biodegradation of Diesel Oil by Yeast Isolated from Mangrove's Rhizosphere. *Scripta Biologica*, 5(2): 79-82.
- Toju, H., Tanabe, A. S., Yamamoto, S., & Sato, H. (2012). High-coverage ITS Primers for the DNA-based Identification of Ascomycetes and Basidiomycetes in Environmental Samples. *PloS one*, 7(7), e40863.
- Tomova, A. A., Kujumdzieva, A. V., & Petrova, V. Y. (2019). Carbon Source Influences *Saccharomyces cerevisiae* Yeast Cell Survival Strategies: Quiescence or Sporulation. *Biotechnology & Biotechnological Equipment*, 33(1), 1464-1470.
- Ullah A., Muhammad A., Awais A., & Habib ur Rahman. (2024). Isolation and Identification of Hydrocarbon Degrading Bacteria from Environmental Sources. *International Journal of Biology and Biotechnology*, 21(4): 621-626.
- Umar, F. (2015). Biodegradasi Petroleum dan Hidrokarbon Eikosana oleh Isolat Bakteri *Pseudomonas aeruginosa*. *Al-Kimia*, 3(1), 68-80.
- Vertiana, E. V., Oksari, A. A., & Hariri, M. R. (2023). Studi Perbandingan Kode Batang DNA Inti dan Kloroplas pada *Heliconia* SP. in Silico. *BIO-SAINS: Jurnal Ilmiah Biologi*, 3(1), 39-47.
- Wardhani, W. K., & Titah, H. S. (2021). Studi Literatur Alternatif Penanganan Tumpahan Minyak Mentah Menggunakan *Bacillus subtilis* dan *Pseudomonas putida* (Studi Kasus: Tumpahan Minyak Mentah Sumur YYA-1). *Jurnal Teknik ITS*, 9(2), 97-102.
- White, T.J., Bruns, T., Lee, S., & Taylor, J. (1990). *Amplification and Direct Sequencing of Fungal Ribosomal RNA Genes for Phylogenetics*. In: *PCR Protocols: a Guide to Methods and Applications*. (Innis MA, Gelfand DH, Sninsky JJ, White TJ, eds). Academic Press, New York, USA, pp. 315– 322.
- Widiastutik, N., & Alami, N. H. (2014). Isolasi dan Identifikasi Yeast dari Rhizosfer *Rhizophora mucronata* Wonorejo. *Jurnal Sains dan Seni ITS*, 3(1), E11-E16.
- Widodo, D. S. & Lusiana R. A. (2010). *Kimia Analisis Kuantitatif*, Yogyakarta: Graha Ilmu.
- Yasmin, Z., & Wulansarie, R. (2018). Review Perbandingan Pencemaran Minyak di Perairan dengan Proses Bioremediasi Menggunakan Metode Biostimulus dan Bioaugmentasi. *Reka Buana: Jurnal Ilmiah Teknik Sipil dan Teknik Kimia*, 3(1), 67-72.
- Yolantika, H., Periadnadi, P., & Nurmiati, N. (2015). Isolasi Bakteri Pendegradasi Hidrokarbon di Tanah Tercemar Lokasi Perbengkelan Otomotif. *Jurnal Biologi UNAND*, 4(3).

- Yulma, Y., Ihsan, B., Sunarti, S., Malasari, E., Wahyuni, N., & Mursyban, M. (2017). Identifikasi Bakteri pada Serasah Daun Mangrove yang Terdekomposisi di Kawasan Konservasi Mangrove dan Bekantan (KKMB) Kota Tarakan. *Journal of Tropical Biodiversity and Biotechnology*, 2(1), 28-33.
- Zakaria, N. N., Gomez-Fuentes, C., Abdul Khalil, K., Convey, P., Roslee, A. F. A., Zulkharnain, A., ... & Ahmad, S. A. (2021). Statistical Optimisation of Diesel Biodegradation at Low Temperatures by an Antarctic Marine Bacterial Consortium Isolated from Non-Contaminated Seawater. *Microorganisms*, 9(6), 1213.
- Zaky, A. S., Tucker, G. A., Daw, Z. Y., & Du, C. (2014). Marine Yeast Isolation and Industrial Application. *FEMS yeast research*, 14(6), 813-825.