

DAFTAR PUSTAKA

- Agarwal, A.K., Agarwal, D., 2021. Field-Testing of Biodiesel (B100) and Diesel-Fueled Vehicles: Part 3—Wear Assessment of Liner and Piston Rings, Engine Deposits, and Operational Issues. *J Energy Resour Technol* 143. <https://doi.org/10.1115/1.4048309>
- Amran, N.A., Bello, U., Hazwan Ruslan, M.S., 2022. The role of antioxidants in improving biodiesel's oxidative stability, poor cold flow properties, and the effects of the duo on engine performance: A review. *Heliyon* 8, e09846. <https://doi.org/10.1016/j.heliyon.2022.e09846>
- Aswathi Mohan, A., Robert Antony, A., Greeshma, K., Yun, J.-H., Ramanan, R., Kim, H.-S., 2022. Algal biopolymers as sustainable resources for a net-zero carbon bioeconomy. *Bioresour Technol* 344, 126397. <https://doi.org/10.1016/j.biortech.2021.126397>
- BPPT, 2020. Pedoman Penanganan dan Penyimpanan Biodiesel dan Campuran Biodiesel (B30).
- BPS, 2021. Statistik Kelapa Sawit Indonesia 2020. Jakarta.
- Challen, Bernard., Baranescu, Rodica., 1999. Diesel engine reference book. Butterworth-Heinemann.
- Dong, K., Dong, X., Dong, C., 2019. Determinants of the global and regional CO₂ emissions: What causes what and where? *Appl Econ* 51, 5031–5044. <https://doi.org/10.1080/00036846.2019.1606410>
- EBTKE, 2020. Rencana Strategis Kementerian Energi dan Sumber Daya Mineral 2020 - 2024.
- Fikri, N.N., Andani, I.S., 2018. PRA RANCANGAN PABRIK BIODIESEL DARI DISTILAT ASAM LEMAK MINYAK SAWIT DAN METANOL DENGAN KAPASITAS 20.000 TON/TAHUN. Universitas Islam Indonesia, Yogyakarta.

- Gupta, J.G., Agarwal, A.K., 2021. Engine durability and lubricating oil tribology study of a biodiesel fuelled common rail direct injection medium-duty transportation diesel engine. *Wear* 486–487, 204104. <https://doi.org/10.1016/j.wear.2021.204104>
- Komariah, L.N., Arita, S., Rendana, M., Ramayanti, C., Suriani, N.L., Erisna, D., 2022. Microbial contamination of diesel-biodiesel blends in storage tank; an analysis of colony morphology. *Heliyon* 8. <https://doi.org/10.1016/j.heliyon.2022.e09264>
- Komariah, L.N., Hadiyah, F., Aprianjaya, F., Nevriadi, F., 2018. Biodiesel effects on fuel filter; Assessment of clogging characteristics, in: *Journal of Physics: Conference Series*. Institute of Physics Publishing. <https://doi.org/10.1088/1742-6596/1095/1/012017>
- Li, M., Ren, T., Sun, Y., 2022. Analysis of reaction path and different lumped kinetic models for asphaltene hydrocracking. *Fuel* 325, 124840. <https://doi.org/10.1016/j.fuel.2022.124840>
- Mahmud, S., Haider, A.S.M.R., Shahriar, S.T., Salehin, S., Hasan, A.S.M.M., Johansson, M.T., 2022. Bioethanol and biodiesel blended fuels — Feasibility analysis of biofuel feedstocks in Bangladesh. *Energy Reports*. <https://doi.org/10.1016/j.egyr.2022.01.001>
- Miyuranga, K.A.V., de Silva, S.J., Arachchige, U.S.P.R., Jayasinghe, R.A., Weerasekara, N.A., 2022. Comparison of the Properties of Biodiesel-Bioethanol-Diesel Blended Fuel. *Asian Journal of Chemistry* 34, 1809–1813. <https://doi.org/10.14233/ajchem.2022.23767>
- Pham, E.C., Le, T.V.T., Le, K.C.T., Ly, H.H.H., Vo, B.N.T., van Nguyen, D., Truong, T.N., 2022. Optimization of microwave-assisted biodiesel production from waste catfish using response surface methodology. *Energy Reports* 8, 5739–5752. <https://doi.org/10.1016/j.egyr.2022.04.036>

- Pusparizkita, Y.M., Harimawan, A., Devianto, H., Setiadi, T., 2021. Effect of *Bacillus megaterium* Biofilm and its Metabolites at Various Concentration Biodiesel on the Corrosion of Carbon Steel Storage Tank. *Biointerface Res Appl Chem* 12, 5698–5708. <https://doi.org/10.33263/BRIAC124.56985708>
- Swart, B., Pihlajamäki, A., John Chew, Y.M., Wenk, J., 2022. Microbubble-microplastic interactions in batch air flotation. *Chemical Engineering Journal* 449, 137866. <https://doi.org/10.1016/j.cej.2022.137866>
- Taghipour, A., Ramirez, J.A., Brown, R.J., Rainey, T.J., 2019. A review of fractional distillation to improve hydrothermal liquefaction biocrude characteristics; future outlook and prospects. *Renewable and Sustainable Energy Reviews* 115, 109355. <https://doi.org/10.1016/j.rser.2019.109355>
- Tian, M., Wang, Z., Fu, J., Lv, P., Liang, C., Li, Z., Yang, L.M., Liu, T., Li, M., Luo, W., 2022. N-glycosylation as an effective strategy to enhance characteristics of *Rhizomucor miehei* lipase for biodiesel production. *Enzyme Microb Technol* 160. <https://doi.org/10.1016/j.enzmictec.2022.110072>
- Vasconcelos Fregolente, L., Luiz Gonçalves, H., Bogalhos Lucente Fregolente, P., Wolf Maciel, M.R., Soares, J., 2022. Sodium Polyacrylate Hydrogel Fixed Bed to Treat Water-Contaminated Cloudy Diesel. *SSRN Electronic Journal*. <https://doi.org/10.2139/ssrn.4110718>
- Vora, R., Kadam, V., Thangaraja, J., 2020. Experimental investigation on the filtration characteristics of a commercial diesel filter operated with raw and processed karanja-diesel blends. *Sādhanā* 45, 153. <https://doi.org/10.1007/s12046-020-01394-2>
- Wilson, D.A., Pun, K., Ganesan, P.B., Hamad, F., 2021. Geometrical Optimization of a Venturi-Type Microbubble Generator Using CFD Simulation and Experimental Measurements. <https://doi.org/10.3390/designs5>
- Yao, J., Qi, R., Pan, Y., He, H., Fan, Y., Jiang, Jiajia, Jiang, Juncheng, 2020. Prediction of the flash points of binary biodiesel mixtures from molecular

structures. J Loss Prev Process Ind 65, 104137.

<https://doi.org/10.1016/j.jlp.2020.104137>

Zhang, X., Zhang, L., Li, J., Zou, X., Jing, X., Li, W., 2022. Combustion and emission characteristics of diesel with different distillation ranges on the China-VI diesel engine. Fuel 325. <https://doi.org/10.1016/j.fuel.2022.124876>

Zhang, Y., Zhong, Y., Lu, S., Zhang, Z., Tan, D., 2022. A Comprehensive Review of the Properties, Performance, Combustion, and Emissions of the Diesel Engine Fueled with Different Generations of Biodiesel. Processes 10, 1178. <https://doi.org/10.3390/pr10061178>

Zikri, A., Erlinawati, Sutini, P., Agus, M., Fathona, S., 2020. Biodiesel Production from Bintaro (Cerbera manghas L) Seeds with Potassium Hydroxide as Catalyst. J Phys Conf Ser 1500, 012084. <https://doi.org/10.1088/1742-6596/1500/1/012084>