

DAFTAR PUSTAKA

- Adamson, A.W., dan Gast, A.P., (1997), *Physical Chemistry of Surfaces*, Wiley.
- Anggriawan, Wahyu, (2015), *Fabrikasi Alat Ukur Sudut Kontak Untuk Mengetahui Sifat Polaritas Suatu Bahan*, Tugas Akhir Sarjana Kimia, Institut teknologi Sepuluh Nopember, Surabaya.
- Bambang, Oktavian et al. 2019. "Performance Study of Silica-Based Hydrophobic Membrane in Biodiesel Purification Process." *Jurnal Rekayasa Bahan Alam dan Energi Berkelanjutan* 3(Vol 3, No 1 (2019)):20–24. <https://rbaet.ub.ac.id/index.php/rbaet/article/view/66>.
- Bigelow, W.C., Pickett, D.L., dan Zisman, W.A., (1946), "Oleophobic monolayers: I. Films adsorbed from solution in non-polar liquids", *J. Colloid Sci.*, 1, 513–538.
- Buvaila, andri et al.2022."Contact Angle Measurement Using a Sinplified Experimental Setup". *Journal of chemical Educaton* vol 87.
- Cindrawati, Hanisa et al. 2021. "PENAMBAHAN ZAT LILIN DAUN TALASSEBAGAI Addition of Taro Leaf Wax as a Hydrophobic Component in Reducing Water Uptake." 2(2): 42–49.
- Dahlan, Dahyunir, and Anggi S. Pravita. 2013. "Analisis Sifat Hidrofobik Dan Sifat Optik Lapisan Tipis TiO 2." *Prosiding Semirata FMIPA UniversitasLampung*: 163–66.
- Dionísio, M., dan Sotomayor, J., (2000), "A Surface Chemistry Experiment Using an Inexpensive Contact Angle Goniometer", *J. Chem. Educ.*, 77, 59.
- Ebnesajjad, S., dan Ebnesajjad, C., (2013), *Surface Treatment of Materials for Adhesive Bonding*, William Andrew.
- Kabza, K.G., Gestwicki, J.E., dan McGrath, J.L., (2000), "Contact Angle Goniometry as a Tool for Surface Tension Measurements of Solids, Using Zisman Plot Method. A Physical Chemistry Experiment", *J. Chem. Educ.*, 77,63.

- Kosasih, Engkos Achmad, Fauzan Widiyanto, Ahmad Alfian Farizi, and Rizal Ibnu Wahid. 2019. "Aquadest Production System as Steam Turbine Bottom Cycle III: Influence of Wastewater Percentage and Pinch Point Temperature Difference of Condenser." *AIP Conference Proceedings* 2062(2019).
- Lamour, Guillaume and Ahmad Hamrawi. 2022. *Contact Angle Measurement Using a Simplified Experimental Setup. Journal of Chemical Education* Vol 87
- Pinem, Mekro Permana et al. 2022. "Droplet Behavior of Chitosan Film-Forming Solution on the Solid Surface." *South African Journal of Chemical Engineering* 41(April): 26–33.
- Samsurizal, Rizki Pratama Putera, and Christiono. 2018. "Studi Sifat Transfer Hidrofobik Dari Bahan Isolator Polimer Silicone Rubber Akibat Pengaruh Cuaca Di Daerah Tropis Perkotaan." *Jurnal Ilmiah Setrum* 7(2): 288–95.
- Song, Jia-Wen Li-Wu Fan. 2021. Temperature dependence of the contact angle of water: A review of research progress, theoretical understanding, and implications for boiling heat transfer. *Advances in Colloid and Interface Science*, Volume 288.
- Wang, Chenyu. Sithara Nair, Kenneth J. Wynne. 2017. Wilhelmy balance characterization beyond contact angles: Differentiating leaching from nanosurface reorganization and optimizing surface modification, *Polymer*, Volume 116
- Yuan, Y., dan Lee, T.R., (2013), "Contact Angle and Wetting Properties", dalam *Surface Science Techniques*, Bracco, G., Holst, B. (Eds.), Springer Series in Surface Sciences, Springer Berlin Heidelberg, pp. 3–34.